

Centralizator Standarde minimale necesare si obligatorii

| 1. Structura activității candidatului |                                            |                                                                                                                                                                                                                                    |                                                                                  |                        |                                                                                                                                     |                                     | Activitate candidat                     |                |                           |
|---------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------|----------------|---------------------------|
| Nr. crt.                              | Domeniul activității                       | Tipul activitatilor                                                                                                                                                                                                                | Categorie si restrictii                                                          | Subcategorii           |                                                                                                                                     | Indicatori (kpi)                    | Criterii minime necesare (Conferentiar) | Numar realizat | Suma indicatori realizati |
| 0                                     | 1                                          | 2                                                                                                                                                                                                                                  | 3                                                                                | 4                      |                                                                                                                                     | 5                                   | 6                                       | 7              | 8                         |
| 1                                     | Activitatea didactica si profesionala (A1) | 1.1 Carti, cursuri universitare si capitole in carti de specialitate                                                                                                                                                               | 1.1.1 Carti, cursuri, capitole ca autor; pentru profesor minim 2                 | 1.1.1.1                | internationale                                                                                                                      | nr. pagini/(2*nr. autori)           | ≥ 1 carte                               | 1              | 1.33                      |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 1.1.1.2                | nationale                                                                                                                           | nr. pagini/(5*nr. autori)           |                                         | 6              | 177.5                     |
|                                       |                                            |                                                                                                                                                                                                                                    | 1.1.2 Carti, cursuri, capitole de carti ca editor/coordonator                    | 1.1.2.1                | internationale                                                                                                                      | nr. pagini/(3*nr. autori)           | -                                       | 1              | 10.83                     |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 1.1.2.2                | nationale                                                                                                                           | nr. pagini/(7*nr. autori)           |                                         | 6              | 66.75                     |
|                                       |                                            | 1.2 Coordonare programe de studii, organizare si coordonare programe de formare continua si proiecte educationale (POS, Socrates, Leonardo, sa)                                                                                    | Numar maxim de activitati raportate: 10_profesor / 5_Conferentiar                | -                      | -                                                                                                                                   | 10                                  | ≤5 activitati                           | 4              | 28                        |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  |                        |                                                                                                                                     |                                     | Σ kpi ≥ 30                              |                | 284.42                    |
| 2                                     | Activitatea de cercetare (A2)              | 2.1 Articole in reviste cotate ISI Thomson Reuters si in volume indexate ISI proceedings                                                                                                                                           | Minim 8 articole pentru Profesor                                                 | -                      | min2 FI>1 si min2 cu FI >0.5                                                                                                        | (25+20 * factor impact) / nr.de aut | ≥ 8 articole                            | 23.00          | 291.89                    |
|                                       |                                            |                                                                                                                                                                                                                                    | Minim 5 articole pentru Conf.                                                    | -                      | min2 cu FI >0.5                                                                                                                     | (25+20 * factor impact) / nr.de aut |                                         |                |                           |
|                                       |                                            | 2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale                                                                                                                      | Minim 12 articole pentru Profesor                                                | -                      | -                                                                                                                                   | 20 / nr.de autori                   | ≥ 12 articole                           | 83.00          | 546.05                    |
|                                       |                                            |                                                                                                                                                                                                                                    | Minim 8 articole pentru Conf.                                                    | -                      | -                                                                                                                                   | 20 / nr.de autori                   |                                         |                |                           |
|                                       |                                            | 2.3 Brevete de inventie inregistrate la OSIM sau WIPO                                                                                                                                                                              | - - -                                                                            | 2.3.1 Cotate ISI       | 50 / nr.de autori                                                                                                                   | -                                   | 0                                       | 0              |                           |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 2.3.2 Internationale,  | 35 / nr. de autori                                                                                                                  | -                                   | 0                                       | 0              |                           |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 2.3.3 Nationale        | 25 / nr. de autori                                                                                                                  | -                                   | 0                                       | 0              |                           |
|                                       |                                            | 2.4 Granturi / proiecte castigate prin competitie                                                                                                                                                                                  | 2.4.1 Director/ responsabil (Min. 2 pt profesor)                                 | 2.4.1.1 internationale | 20 * ani de desfasurare                                                                                                             | ≥ 2 grant                           | 1                                       | 40             |                           |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 2.4.1.2 nationale      | 10 * ani de desfasurare                                                                                                             |                                     | 6                                       | 90             |                           |
|                                       |                                            |                                                                                                                                                                                                                                    | 2.4.2 Membru in echipa                                                           | 2.4.2.1 internationale | 10 * ani de desfasurare                                                                                                             | -                                   | 0                                       | 0              |                           |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 2.4.2.2 nationale      | 5 * ani de desfasurare                                                                                                              | -                                   | 13                                      | 80             |                           |
|                                       |                                            | 2.5 Proiecte de cercetare/consultanta ( ≥ 50000 RON)                                                                                                                                                                               | Responsabil                                                                      | -                      | -                                                                                                                                   | 5/proiect                           | -                                       | 0              | 0                         |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  |                        |                                                                                                                                     |                                     | Σ kpi ≥ 180                             |                | 1047.94                   |
| 3                                     | Recunoasterea si impactul activitatii (A3) | 3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI                                                                                                                                                           | (Min. 15 pt profesor)                                                            | 3.1.1                  | In reviste ISI                                                                                                                      | 10*FI / nr. autori                  | -                                       | 46             | 391.39                    |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.1.2                  | In conferinte ISI                                                                                                                   | 2,5/ nr. autori                     |                                         | 13             | 12.50                     |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.1.3                  | In reviste BDI                                                                                                                      | 2 / nr. autori                      |                                         | 16             | 12.17                     |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.1.2                  | In conferinte BDI                                                                                                                   | 1 / nr. autori                      |                                         | 5              | 1.50                      |
|                                       |                                            | 3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale (keynote lecture) și Profesor invitat (exclusiv ERASMUS)                                                                                | Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru conferentiar) | 3.2.1                  | internationale                                                                                                                      | 10                                  | -                                       | 7              | 70.00                     |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.2.2                  | nationale                                                                                                                           | 5                                   |                                         | 8              | 45.00                     |
|                                       |                                            | 3.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI. Recenzor pentru reviste si manifestari stiintifice nationale si internationale | Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru profesor)     | 3.3.1                  | Reviste ISI                                                                                                                         | >2 colect. / > 8 recenzii           | -                                       | 31             | 330.00                    |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.3.2                  | Reviste BDI                                                                                                                         | >2 colect. / > 8 recenzii           |                                         | 13             | 84.00                     |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.3.3                  | Conferinte nationale si internationale neindexate                                                                                   | >2 manif. / > 12 recenzii           |                                         | 30             | 120.00                    |
|                                       |                                            | 3.4 Experienta de management                                                                                                                                                                                                       | ----                                                                             | 3.4.1                  | Conducere (rector, prorector, cancelar, decan, prodecan, dir. Dept, director scoala doctorala, director, director adj., sef sectie) | 5*nr.ani                            | -                                       | 0              | 0.00                      |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  | 3.4.2                  | Membru organisme conducere (senat, consiliu facultate, consiliu departament, cond administratie, consiliu stiintific)               | 2*nr.ani                            |                                         | 13             | 118.00                    |
|                                       |                                            |                                                                                                                                                                                                                                    |                                                                                  |                        |                                                                                                                                     |                                     | Σ kpi ≥ 40                              |                | 1184.55                   |
| Indicatorul de merit (A = A1+A2+A3)   |                                            |                                                                                                                                                                                                                                    |                                                                                  |                        |                                                                                                                                     | S k1i + S k2i + S k3i               | Σ kpi ≥ 250                             |                | 2516.9                    |

**Universitatea Politehnica Timisoara**

**Departamentul** Constructii Civile si Instalatii

**Comisia** Inginerie Civila si Management

**Candidat** Conf. Dr. Ing. TOKAR ADRIANA

**Post nr** 6

1.1 Carti si capitole în carti de specialitate

1.1.1 Carti /capitole ca autor; pentru profesor minim 2

1.1.1.1 Internationale

| Nr. Crt | Autori                                  | Titlul capitol                                                    | Titlul cartii                                                  | Editura                       | Anul | ISBN și / sau ISSN                      | Nr pagini | Nr autori | Indicator realizat |
|---------|-----------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------|------|-----------------------------------------|-----------|-----------|--------------------|
|         |                                         |                                                                   |                                                                |                               |      |                                         |           |           | 1.33               |
| 1       | Ostoia D., Negoitescu A., Tokar Adriana | The Wearing out Compesation of Diesel Engines Combustion Chambers | DAAAM International Scientific Book 2009<br>Vol. 8, Chapter 16 | DAAAM International<br>Vienna | 2009 | ISSN 1726-9687, ISBN: 978-3-902734-69-8 | 8         | 3         | 1.33               |

**1.1 Carti si capitole în carti de specialitate**

**1.1.1 Carti, cursuri, capitole ca autor; pentru profesor minim 2**

**1.1.1.2 Nationale**

| Nr. Crt | Autori                                    | Titlul cartii                                                                                           | Editura     | ISBN și / sau ISSN                               | Anul | Nr pagini | Nr autori | Indicator realizat |
|---------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------|------|-----------|-----------|--------------------|
| 177.5   |                                           |                                                                                                         |             |                                                  |      |           |           |                    |
| 1       | Sârbu Ioan, Tokar Adriana                 | Water Distribution Systems. Numerical Modelling and Optimisation                                        | Politehnica | ISBN 978-606-35-0207-1                           | 2018 | 309       | 2         | 30.9               |
| 2       | Tokar Adriana                             | Instalații sanitare și de gaze. Partea I                                                                | Politehnica | ISBN 978-606-35-0087-9<br>ISBN 978-606-35-0086-2 | 2016 | 333       | 1         | 66.6               |
| 3       | Tokar Adriana, Negoîtescu Arina           | Termotehnică. Aplicații                                                                                 | Mirton      | ISBN 978-973-52-0711-3                           | 2009 | 146       | 2         | 14.6               |
| 4       | Tokar Adriana                             | Cercetări privind interacțiunea dintre automobilul echipat cu m.a.i. și mediu                           | Politehnica | ISBN 978-973-625-945-6                           | 2009 | 213       | 1         | 42.6               |
| 5       | Tokar Adriana, Tokar Dănuț                | Instalații de alimentare cu gaze naturale combustibile a consumatorilor din clădiri. Ghid de proiectare | Politehnica | ISBN 978-606-35-0088-6                           | 2016 | 156       | 2         | 15.6               |
| 6       | Tokar Adriana, Mihon Liviu, Ostoia Daniel | Dinamica autovehiculelor. Lucrări de laborator                                                          | Mirton      | ISBN 978-973-52-0712-0                           | 2009 | 108       | 3         | 7.2                |

1.1 Carti si capitole în carti de specialitate  
 1.1.2 Carti/Capitole de carti ca editor / coordonator  
 1.1.2.1 Internationale

| Nr. Crt | Editori                   | Titlul cartii                                                     | Editura  | Anul | ISBN și / sau ISSN | Nr pagini | Nr editori | Indicator realizat |
|---------|---------------------------|-------------------------------------------------------------------|----------|------|--------------------|-----------|------------|--------------------|
| 10.83   |                           |                                                                   |          |      |                    |           |            |                    |
| 1       | Ioan Sarbu, Adriana Tokar | Energies Journal Energy Efficiency Energy Savings Smart Buildings | Energies | 2020 | ISSN. 1996-1073    | 65        | 2          | 10.833333          |

**1.1 Carti si capitole în carti de specialitate**

**1.1.2 Carti/Capitole de carti ca**

**editor/ coordonator**

**1.1.2.2 Nationale**

| Nr. Crt      | Editori                                                           | Titlul cartii                                        | Editura     | Anul | ISBN și / sau ISSN     | Nr pagini | Nr editori | Indicator realizat |
|--------------|-------------------------------------------------------------------|------------------------------------------------------|-------------|------|------------------------|-----------|------------|--------------------|
| <b>66.75</b> |                                                                   |                                                      |             |      |                        |           |            |                    |
|              | Adriana Tokar, Dănuț Tokar, Daniel Muntean                        | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2026 | ISBN 978-606-35-0207-1 | 373       | 3          | 17.76              |
|              | Adriana Tokar, Dănuț Tokar, Daniel Muntean Ștefan Dună            | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2025 | ISBN 978-606-35-0207-1 | 212       | 4          | 7.57               |
|              | Adriana Tokar, Dănuț Tokar, Daniel Muntean Ștefan Dună            | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2024 | ISBN 978-606-35-0207-1 | 245       | 4          | 8.75               |
| 1            | Adriana Tokar, Dănuț Tokar, Ștefan Dună                           | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2023 | ISBN 978-606-35-0207-1 | 358       | 3          | 17.05              |
| 2            | Adrian Retezan, Adriana Tokar, Ioan Silviu Doboși                 | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2022 | ISBN 978-606-35-0207-1 | 135       | 3          | 6.43               |
| 3            | Adrian Retezan, Adriana Tokar, Ioan Silviu Doboși                 | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2020 | ISBN 978-606-35-0207-1 | 416       | 3          | 19.81              |
| 4            | Adrian Retezan, Brata Silviana, Adriana Tokar, Ioan Silviu Doboși | Instalații pentru Construcții și Confortul Ambiental | Politehnica | 2019 | ISBN 978-606-35-0207-1 | 195       | 4          | 6.96               |
| 5            | Adrian Retezan, Brata Silviana, Ioan Silviu Doboși, Adriana Tokar | Instalații pentru Construcții și Confortul Ambiental | MatrixRom   | 2018 | ISBN 978-606-35-0207-1 | 462       | 4          | 16.50              |

|   |                                                                        |                                                         |           |      |                            |     |   |       |
|---|------------------------------------------------------------------------|---------------------------------------------------------|-----------|------|----------------------------|-----|---|-------|
| 6 | Adrian Retezan, Brata Silvana,<br>Ioan Silviu Doboși, Adriana<br>Tokar | Instalații pentru Construcții și Confortul<br>Ambiental | MatrixRom | 2017 | ISBN 978-606-35-<br>0207-1 | 340 | 4 | 12.14 |
|---|------------------------------------------------------------------------|---------------------------------------------------------|-----------|------|----------------------------|-----|---|-------|

**1.2 Coordonare de programe de studii, organizare si coordonare programe de formare continua, proiecte educationale**

| Nr. Crt | Activitate              | Categorie                                                                                      | Tipul programului             | Indicator realizat |
|---------|-------------------------|------------------------------------------------------------------------------------------------|-------------------------------|--------------------|
|         |                         |                                                                                                |                               | <b>28</b>          |
| 1       | Coordonator (2017-2026) | Program de studii de licență-Instalații pentru Construcții                                     | Studii universitare - Licență | 9                  |
| 2       | Coordonator (2017-2026) | Program de studii de master-Optimizarea și Modernizarea Sistemelor de Instalații               | Studii universitare - Master  | 9                  |
| 3       | Coordonator (2019-2024) | Instalator pentru sisteme fotovoltaice solare-program de formare continuă                      | Program de formare continua   | 5                  |
| 4       | Coordonator (2019-2024) | Curs de pregătire teoretică și aplicativă în vederea autorizării/reautorizării electricienilor | Program de formare continua   | 5                  |



2.1 Articole in reviste cotate ISI Thomson Reuters si in volumele indexate ISI Proceedings

| Nr. Crt | Autori                                                       | Titlul lucrării                                                                                                             | Revista                                                                                                                                                                     | Anul | ISSN/ISBN                              | Factor de impact | Nr autori | Indicator realizat |
|---------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------|------------------|-----------|--------------------|
|         |                                                              |                                                                                                                             |                                                                                                                                                                             |      |                                        |                  |           | 291.89             |
| 1       | Tokar Adriana, Muntean Daniel, Tokar Danut                   | Hybrid System for Reducing Operational CO2 Emissions Generated by Technical Systems in Tertiary Buildings                   | Buildings                                                                                                                                                                   | 2026 | eISSN: 2075-5309                       | 3,1              | 3         | 29                 |
| 2       | Tokar Adriana, Muntean Daniel, Tokar Danut, Bisorca Daniel   | Experimental Study on the Sustainability of Harnessing the Thermal Potential of Surface Waters for Building Decarbonization | Buildings                                                                                                                                                                   | 2026 | eISSN: 2075-5309                       | 3,1              | 4         | 21.75              |
| 3       | Tokar Danut, Tokar Adriana, Rusen Alexandra, Dragota Catalin | Experimental Model for the Study of Energy Conversion and Storage in Compressed Air. Backup Power Supplies                  | International Conference on Numerical Analysis and Applied Mathematics 2022, ICNAAM-2022, Heraklion, Greece, September 19-25, 2022, AIP Conference Proceedings, Volume 3094 | 2024 | ISSN 0094243X/<br>ISBN 978-073544954-1 | 0                | 4         | 6.25               |
| 4       | Tokar Adriana, Muntean Daniel, Tokar Danut, Bisorca Daniel   | Decarbonization of Heating and Cooling Systems of Buildings Located Nearby Surface Water Sources: Case Study                | Energies                                                                                                                                                                    | 2024 | eISSN: 1996-1073                       | 3,2              | 4         | 22.25              |
| 5       | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                  | Multi-objective optimization of water distribution networks: An overview                                                    | International Journal of Advanced and Applied Sciences                                                                                                                      | 2020 | ISSN: 2313-626X                        | 0                | 3         | 8.33               |
| 6       | Petrica Daniel Toma, Tokar Adriana , Mirela Țoropoc          | Modelling and Simulation Eutrophication of Water Rivers                                                                     | Revista de Chimie                                                                                                                                                           | 2019 | ISSN 0034-7752                         | 1.755            | 3         | 20.03              |
| 7       | Tokar Danut, Catalin Stroita, Tokar Adriana, Rusen Alexandra | Hybrid System that Integrates the Lost Energy Recovery on the WaterWater Heat Pump Exhaust Circuit                          | 4th International Conference World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), IOP Conf. Series: Materials Science and Engineering  | 2019 | ISSN 1757-8981                         | 0                | 4         | 6.25               |
| 8       | Tokar Dănuț, Foriș Diana, Tokar Adriana, Foriș Tiberiu       | Sustainable Development of Disadvantaged Regions by Renewable Energy Sources Integration                                    | 20th International Scientific Conference on Economic Science for Rural Development (ESRD)                                                                                   | 2019 | ISSN1691-3078<br>eISSN2255-9930        | 0                | 4         | 6.25               |
| 9       | Sârbu Ioan, Tokar Adriana                                    | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                                 | International Journal of Advanced and Applied Sciences                                                                                                                      | 2018 | ISSN: 2313-626<br>EISSN: 2313-3724     | 0                | 2         | 12.50              |
| 10      | Foriș Diana, Tokar Dănuț, Tokar Adriana, Foriș Tiberiu       | Sustainable Rural Development Through Improving Water Supply in Mountain Huts                                               | 19th International Scientific Conference on Economic Science for Rural Development (ESRD)                                                                                   | 2018 | ISSN 1691-3078<br>eISSN 2255-9930      | 0                | 4         | 6.25               |
| 11      | Negoîtescu Arina, Tokar Adriana, Hamat Codruța               | The influence of the air thermal and rainfall regimes on storage lakes water turbidity                                      | Materiale Plastice                                                                                                                                                          | 2016 | ISSN 0025-5289                         | 0.778            | 3         | 13.52              |

|    |                                                               |                                                                                                                         |                                                                                                                                                              |      |                                          |       |   |       |
|----|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|-------|---|-------|
| 12 | Tokar Adriana, Negoîtescu Arina, Hamat Codruța, Roșu Șerban   | The chemical and ecological state evaluation of a storage lake                                                          | Revista de Chimie                                                                                                                                            | 2016 | ISSN 0034-7752                           | 1.232 | 4 | 12.41 |
| 13 | Tokar Adriana, Negoîtescu Arina, Adam Marius, Tokar Dănuț     | Research on Mechanical Strength of Technological Fluid Storage Tank Made of Polyester Resin Reinforced with Fiberglass  | Materiale Plastice                                                                                                                                           | 2014 | ISSN 0025-5289                           | 0.824 | 4 | 10.37 |
| 14 | Negoîtescu Arina, Tokar Adriana                               | Investigation on Car Emmissions Under the Urban Traffic Conditions with the Influence on Timisoara Air Quality          | Transport                                                                                                                                                    | 2013 | ISSN 1648-4142                           | 0.529 | 2 | 17.79 |
| 15 | Tokar Adriana, Negoîtescu Arina                               | Researches on the Chemical Indicators of Discharged Water, Treated by Mechano-biological Methods                        | Revista de Chimie                                                                                                                                            | 2012 | ISSN 0034-7752                           | 0.538 | 2 | 17.88 |
| 16 | Negoîtescu Arina, Tokar Adriana                               | Water Disinfection and the Implementation of Modern Technologies at Potable Water Treatment Station                     | Revista de Chimie                                                                                                                                            | 2012 | ISSN 0034-7752                           | 0.538 | 2 | 17.88 |
| 17 | Tokar Adriana, Negoîtescu Arina                               | Comparative Analysis of Exhausted Gases Opacity under Urban Traffic Conditions                                          | 8th IASME/WSEAS Internationl Conference on Heat Transfer, Thermal Engineering an Environment (HTE'10).                                                       | 2010 | ISBN 978-960-474-215-8<br>ISSN 1792-4596 | 0     | 2 | 12.50 |
| 18 | Negoîtescu Arina, Tokar Adriana                               | Aspects Regarding the Performance Improvement of Heating Systems with Radiant Tubes                                     | 5th IASME/WSEAS Internationl Conference on Energy&Environment (EE'10).                                                                                       | 2010 | ISBN 978-960-474-159-5<br>ISSN 1790-5095 | 0     | 2 | 12.50 |
| 19 | Negoîtescu Arina, Ostoia Daniel, Tokar Adriana, Hamat Codruța | Study On the Treatment of Exhaust Gases at Diesel Engines with the Purpose of Reducing the Emissions of Nitrogen Oxides | Revista de Chimie                                                                                                                                            | 2009 | ISSN 0034-7752                           | 0.552 | 4 | 9.01  |
| 20 | Mihon Liviu, Ostoia Daniel, Negoîtescu Arina, Tokar Adriana   | Simulation of Vehicle's Powertrain for Performances Evaluation                                                          | Annals of DAAAM for 2009 & Proceedings of 20th DAAAM International Symposium                                                                                 | 2009 | ISSN 978-3-901509-70-4                   | 0     | 4 | 6.25  |
| 21 | Mihon Liviu, Negoîtescu Arina, Tokar Adriana, Ostoia Daniel   | Tyre Quality Influence on Fuel Consumption for Motor Vehicles                                                           | Annals of DAAAM for 2009 & Proceedings of 20th DAAAM International Symposium                                                                                 | 2009 | ISSN 978-3-901509-70-4                   | 0     | 4 | 6.25  |
| 22 | Tokar Adriana, Negoîtescu Arina, Mihon Liviu                  | Studies Regarding the CO2 Recovery from the Atmosphere                                                                  | Annals of DAAAM for 2009 & Proceedings of 20th DAAAM International Symposium                                                                                 | 2009 | ISSN 978-3-901509-70-4                   | 0     | 3 | 8.33  |
| 23 | Ostoia Daniel, Negoîtescu Arina, Tokar Adriana                | The Wearing Out Compensation of Diesel Engines Combustion Chambers by Modern Systems Implementation                     | Proceedings of the 19th DAAA88M International Symposium, Intelligent Manufacturing&Automation: Focus on Next Generation of Intelligent Systems and Solutions | 2008 | ISSN 1726-9679                           | 0     | 3 | 8.33  |
|    |                                                               |                                                                                                                         |                                                                                                                                                              |      |                                          |       |   |       |

| BDI            |                     |
|----------------|---------------------|
| Scopus         | IEEE                |
| Wiley          | Engineering Village |
| Springer       | Proquest            |
| Science Direct | EBSCO               |

2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale

| Nr. Crt | Autori                                                                                                       | Titlul lucrării                                                                                                                                                                         | Revista/Conferinta                                                                                                                | BDI (Bza de date internationala) | Anul | ISBN / ISSN    | Nr autori | Indicator realizat |
|---------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------|----------------|-----------|--------------------|
| 546.05  |                                                                                                              |                                                                                                                                                                                         |                                                                                                                                   |                                  |      |                |           |                    |
| 1.00    | Adriana Tokar, Marius Adam, Daniel Bisorca, Cristian Păcurar, Alexandru Dorca, Dănuț Tokar, Daniel Muntean   | Proposals to energy efficiency cooling processes and hot water preparation in buildings located near surface water sources                                                              | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2026                                                                 | PROQUEST, EBSCO                  | 2026 | ISSN 2068-3987 | 7         | 2.86               |
| 2.00    | Daniel Bisorca, Adriana Tokar, Dănuț Tokar, Daniel Muntean, Alexandru Dorca                                  | The concept of an installation for testing, monitoring and efficient management of complex systems equipped with a heat pump for heating / cooling and preparing hot water in buildings | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2026                                                                 | PROQUEST, EBSCO                  | 2026 | ISSN 2068-3987 | 5         | 4.00               |
| 3.00    | Dănuț Tokar, Adriana Tokar, Daniel Muntean, Daniel Bisorca, Alexandru Dorca, Marius Adam                     | The choice of electricity storage systems to optimize the load curve. Case studies                                                                                                      | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2026                                                                 | PROQUEST, EBSCO                  | 2026 | ISSN 2068-3987 | 6         | 3.33               |
| 4.00    | Cristian Păcurar, Adriana Tokar, Marius Adam                                                                 | The role of ventilation systems on indoor air quality. Analysis and Solutions for a Healthy Environment                                                                                 | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2025                                                                 | PROQUEST, EBSCO                  | 2025 | ISSN 2068-3987 | 3         | 6.67               |
| 5.00    | Marius Adam, Adriana Tokar, Alexandru Dorca, Dănuț Tokar, Alexandru Filipovici                               | A general review on night ventilation systems used to reduce energy consumption in buildings                                                                                            | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2025                                                                 | PROQUEST, EBSCO                  | 2025 | ISSN 2068-3987 | 5         | 4.00               |
| 6.00    | Alexandru Dorca, Adriana Tokar, Marius Adam, Dănuț Tokar, Daniel Muntean, Daniel Bisorca, Calin Sebachievici | Tracking the performance of an air-to-water heat pump over time for a residential house located in a hilly area with low outdoor temperature                                            | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2025                                                                 | PROQUEST, EBSCO                  | 2025 | ISSN 2068-3987 | 7         | 2.86               |
| 7.00    | Adrian Mihai, Adriana Tokar                                                                                  | Retrofit of refrigeration installations with low GWP refrigerants                                                                                                                       | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2025                                                                 | PROQUEST, EBSCO                  | 2025 | ISSN 2068-3987 | 2         | 10.00              |
| 8.00    | Alexandru Dorca, Dănuț Tokar, Adriana Tokar, Daniel Muntean, Simona Popa-Albu                                | The Integration of Air-Water Heat Pumps in Existing Office Buildings                                                                                                                    | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2024                                                                 | PROQUEST, EBSCO                  | 2024 | ISSN 2068-3987 | 5         | 4.00               |
| 9.00    | Daniel Muntean, Adriana Tokar, Dănuț Tokar, Alexandru Dorca                                                  | Modernization of the District Heating System in Timisoara Through the Integration of RES in Heat Points. Case Study                                                                     | Revista Română de Inginerie, ISSN 2068-3987, Editura Matrix, 2024                                                                 | PROQUEST, EBSCO                  | 2024 | ISSN 2068-3987 | 4         | 5.00               |
| 10.00   | Alexandru Dorca, Marius Adam, Dănuț Tokar, Adriana Tokar, Daniel Muntean                                     | Thermal modules for apartments: an efficient solution for heating and domestic hot water,                                                                                               | Conferință națională de instalații, Brașov, România, 11 - 13 octombrie, 2023 - Revista de Inginerie Civilă-accept publicare 2024. | PROQUEST, EBSCO                  | 2024 | ISSN 2068-3987 | 5         | 4.00               |
| 11.00   | Marius Adam, Adriana Tokar, Alexandru Dorca, Dănuț Tokar, Daniel Muntean, Vera Guțul                         | Solutions for optimizing the operation of energy recovery in ventilation systems                                                                                                        | Conferință națională de instalații, Brașov, România, 11 - 13 octombrie, 2023 - Revista de Inginerie Civilă-accept publicare 2024. | PROQUEST, EBSCO                  | 2024 | ISSN 2068-3987 | 6         | 3.33               |
| 12.00   | Tokar Danut, Tokar Adriana, Muntean Daniel, Visan Alin                                                       | The impact of environmental conditions on the performance of polycrystalline photovoltaic panels                                                                                        | AIP Conference Proceedings, Vol. 2928 Issue 1, pp. 070021-1-070021-1, 2023.                                                       | SCOPUS                           | 2023 |                | 4         | 5.00               |
| 13.00   | Tokar Adriana, Toropoc Mirela, Muntean Daniel, Tokar Danut, Popa-Albu Simona                                 | Proposals for the separation of inorganic components from technological wastewater in order to reduce landfills                                                                         | AIP Conference Proceedings, Vol. 2928 Issue 1, pp. 090007-1-090007-1, 2023.                                                       | SCOPUS                           | 2023 |                | 5         | 4.00               |

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|-------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------------------------------------------------|---|-------|
| 14.00 | Daniel Muntean, Matei Mirza, Adriana Tokar, Danut Tokar                                     | Modernization of the heat supply system of the university of agricultural sciences and Veterinary Medicine of Banat, from Timisoara               | AIP Conference Proceedings, Vol. 2928 Issue 1, pp. 070013-1-070013-1, 2023                                                                            | SCOPUS          | 2023 |                                                 | 4 | 5.00  |
| 15.00 | Adriana Tokar, Daniel Muntean, Dănuț Tokar                                                  | Case Study on Reducing Potable Water in Residential Buildings by Implementing Rainwater Storage Systems                                           | Hidraulica Magazine - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303, No. 3/2023, pag. 14-21, 2023 | PROQUEST, EBSCO | 2023 | ISSN 1453 – 7303                                | 3 | 6.67  |
| 16.00 | Adrian Mihai, Adriana Tokar, Mihai Cinca, Daniel Muntean                                    | Comparative Study between the Operation of Refrigeration Installations with Refrigerants R134A and R471A for a Refrigerated Warehouse. Case Study | Hidraulica Magazine - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303, No. 4/2023, pag. 65-71, 2023 | PROQUEST, EBSCO | 2023 | ISSN 1453 – 7303                                | 4 | 5.00  |
| 17.00 | Cătălin Dragotă, Adriana Tokar, Alexandra Rusen                                             | Power Supply Insurance Solutions for Fire Protection                                                                                              | Revista Română de Inginerie Civilă, vol. 14, Nr. 4, pp. 352-357, ISSN 2068-3987, Editura Matrix, 2023                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 3 | 6.67  |
| 18.00 | Adrian Mihai, Adriana Tokar, Mihai Cinca, Daniel Muntean                                    | Energy Efficient Refrigeration Solutions                                                                                                          | Hidraulica Magazine - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303, No. 3/2023, pag. 44-49, 2023 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 4 | 5.00  |
| 19.00 | Cristian Păcurar, Adriana Tokar, Marius Adam                                                | Indoor Climate Influence Related Human Performance. Case Study                                                                                    | Revista Română de Inginerie Civilă, vol. 14, Nr. 4, pp. 348-351, ISSN 2068-3987, Editura Matrix, 2023                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 3 | 6.67  |
| 20.00 | Adriana Tokar, Dănuț Tokar, Marius Adam, Cristian Păcurar , Daniel Muntean, Cătălin Dragotă | CONSIDERATIONS FOR LIMITING THE CONTRIBUTION OF BUILDINGS TO CLIMATE CHANGE THROUGH EFFICIENT ENERGY USE                                          | Revista Română de Inginerie Civilă, vol. 14, Nr. 3, pp. 243-250, Editura Matrix 2023.                                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 6 | 3.33  |
| 21.00 | Daniel Muntean, Adriana Tokar                                                               | Reducing operating costs in district heating systems by optimizing functional parameters. Comparative studies                                     | IOP Conf. Ser.: Earth Environ. Sci.1136012060DOI10.1088/1755-1315/1136/1/012060, Vol. 1136, Article ID: 012060, pp. 1-10, 2023.                       | SCOPUS          | 2023 | Online ISSN: 1755-1315<br>Print ISSN: 1755-1307 | 2 | 10.00 |
| 22.00 | Marius Adam, Adriana Tokar, Dănuț Tokar, Cristian Păcurar                                   | THE INFLUENCE OF FILTERS IN THE STRUCTURE OF AIR TREATMENT PLANTS UNITS (ATP) ON ENERGY EFFICIENCY                                                | Revista Română de Inginerie Civilă, vol. 14, Nr. 3, pp. 147-150, Editura Matrix 2023.                                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 4 | 5.00  |
| 23.00 | Mirela Țoropoc, Adriana Tokar, Dănuț Tokar, Mihai Cinca                                     | COMPARATIVE STUDY OF TWO HEATING/COOLING SYSTEMS FOR AN OFFICE BUILDING USING DESIGN BUILDER SOFTWARE                                             | Revista Română de Inginerie Civilă, vol. 14, Nr. 3, pp. 273-285, Editura Matrix 2023.                                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 4 | 5.00  |
| 24.00 | Dănuț Tokar, Mihai Cinca, Mirela Țoropoc, Adriana Tokar                                     | THE INFLUENCE OF THE VERTICAL TEMPERATURE GRADIENT ON WORKING CONDITIONS IN INDUSTRIAL HALLS HEATED WITH RADIANT TUBES. CASE STUDY                | Revista Română de Inginerie Civilă, vol. 14, Nr. 3, pp. 251-260, Editura Matrix 2023.                                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 4 | 5.00  |
| 25.00 | Daniel Muntean, Adriana Tokar, Dănuț Tokar                                                  | ENERGY EFFICIENCY OF EDUCATIONAL BUILDINGS USING PHOTOVOLTAIC PANELS AND AIR-WATER HEAT PUMPS CASE STUDY                                          | Revista Română de Inginerie Civilă, vol. 14, Nr. 3, pp. 193-198, Editura Matrix 2023.                                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 3 | 6.67  |
| 26.00 | Dănuț Tokar, Daniel Muntean, Adriana Tokar, Marius Adam                                     | Contributions to the passive house concept through the usage of photovoltaic blinds                                                               | Revista Română de Inginerie Civilă, vol. 14, Nr. 3, pp. 261-272, Editura Matrix 2023.                                                                 | PROQUEST, EBSCO | 2023 | ISSN 2068-3987                                  | 4 | 5.00  |
| 27.00 | Kaba Nicoleta, Retezan Adrian, Adriana Tokar                                                | Thermal Rehabilitation of an Educational Building in the Context of the Adaptation of Building to the Effects of Climate Change. Case Study       | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, No. 3/2022, pag. 66-74, 2022                            | PROQUEST, EBSCO | 2022 | ISSN 1453 – 7303                                | 3 | 6.67  |

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| 28.00 | Tokar Adriana, Fekete-Nagy Luminița, Badea Cătălin, Tokar Dănuț, Fekete-Nagy Alexandru             | Wastewater and Abrasive Sludge Recycling Solutions from Abrasive Water Jet Cutting Machines (AWJCM)                                                                                 | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303 No. 2/2022, pag. 66-74, 2022   | PROQUEST, EBSCO         | 2022 | ISSN 1453 – 7303 | 5 | 4.00  |
| 29.00 | Daniel Muntean, Matei Mârza, Adriana Tokar, Danut Tokar                                            | Simulations regarding the Modernization of the District Heating System in Timisoara by Controlling the Supply and Regulating the Temperature of the Heating Agent                   | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303 No. 1/2022, pag. 76-84, 2022   | PROQUEST, EBSCO         | 2022 | ISSN 1453 – 7303 | 4 | 5.00  |
| 30.00 | Adriana Tokar, Danut Tokar, Filip Stoian, Daniel Muntean                                           | Experimental Research on the Influence of Factors on the Electricity Production of Thin-Film Photovoltaic Panels                                                                    | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303 No. 1/2022, pag. 46-52, 2022   | PROQUEST, EBSCO         | 2022 | ISSN 1453 – 7303 | 4 | 5.00  |
| 31.00 | Tokar Danut, Tokar Adriana, Adam Marius                                                            | Experimental Study for the Analysis of the Potential Energy Conversion of Wastewater Discharged from Installations and Equipment's of the Civil and Industrial Buildings            | IOP Conference Series: Materials Science and Engineering - WMCAUS 2021, Vol. 1203, Papers 022076, DOI: 10.1088/1757-899X/1203/2/022076, 2021. | SCOPUS, PROQUEST, EBSCO | 2021 |                  | 3 | 6.67  |
| 32.00 | Filipovici Alexandru, Toropoc Sanda-Mirela, Adam Marius, Rusen Daniela, Tokar Danut, Tokar Adriana | Study of Thermal Comfort in Industrial Buildings Heated by Radiation                                                                                                                | IOP Conference Series: Materials Science and Engineering - WMCAUS 2021, Vol. 1203, Papers 022089, DOI: 10.1088/1757-899X/1203/2/022089, 2021. | SCOPUS, PROQUEST, EBSCO | 2021 |                  | 6 | 3.33  |
| 33.00 | Tokar Danut, Frăsie Paul, Tokar Adriana                                                            | Leaks, Pipe Breaks and Preventive Maintenance                                                                                                                                       | IOP Conference Series: Materials Science and Engineering - WMCAUS 2021, Vol. 1203, Papers 022078, DOI: 10.1088/1757-899X/1203/2/022078, 2021. | SCOPUS, PROQUEST, EBSCO | 2021 |                  | 3 | 6.67  |
| 34.00 | Tokar Danut, Toropoc Sanda-Mirela, Frunzulica Ridica, Toma Petrica, Tokar Adriana                  | Mathematical Modelling and Operation Simulation of the Indirect Connection Scheme of the Heating Installation and of the Consumption Hot Water Preparation in an Accumulating Stage | IOP Conference Series: Materials Science and Engineering - WMCAUS 2021, Vol. 1203, Papers 022077, DOI: 10.1088/1757-899X/1203/2/022077, 2021. | SCOPUS, PROQUEST, EBSCO | 2021 |                  | 5 | 4.00  |
| 35.00 | Adriana Tokar, Paul Frăsie, Danut Tokar                                                            | Rainwater Harvesting, a Solution to Reduce Drinking Water Consumption for Buildings                                                                                                 | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, No. 2/2021, pag. 57-63, 2021                    | PROQUEST, EBSCO         | 2021 | ISSN 1453 – 7303 | 3 | 6.67  |
| 36.00 | Paul Frăsie, Adriana Tokar                                                                         | Hot Water Recirculation in High Rise Buildings to Reduce Water Consumption                                                                                                          | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, ISSN 1453 – 7303 No. 1/2021, pag. 38-43, 2021   | PROQUEST, EBSCO         | 2021 | ISSN 1453 – 7303 | 2 | 10.00 |
| 37.00 | Adriana Tokar, Diana Foriș, Danut Tokar Simona Popa-Albu                                           | Solutions for the Reuse of Rainwater in Indoor Plumbing                                                                                                                             | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, No. 4/2020, pag. 51-58, 2020                    | EBSCO                   | 2020 | ISSN 1453 – 7303 | 4 | 5.00  |
| 38.00 | Danut Tokar, Adriana Tokar, Marius Adam                                                            | Experimental stand for the study of energy conversion and storage                                                                                                                   | Revista Română de Inginerie Civilă, vol. 11, Nr. 3, pp. 354-359, Editura Matrix 2020.                                                         | EBSCO                   | 2020 | ISSN 2068-3987   | 3 | 6.67  |
| 39.00 | Ioan Sarbu, Adriana Tokar, Simona Popa-Albu                                                        | Optimisation techniques of urban water distribution networks                                                                                                                        | Revista Română de Inginerie Civilă, vol. 11, Nr. 3, pp. 319-327, Editura Matrix, 2020.                                                        | PROQUEST, EBSCO         | 2020 | ISSN 2068-3987   | 3 | 6.67  |

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| 40.00 | Adriana Tokar, Dan Negoîtescu, Marius Adam, Dănuț Tokar, Arina Negoîtescu | The waste energy recovery, an energy-efficient solution for the industrial sector                                            | E3S Web of Conferences, CLIMA 2019 Congress, Volume 111, <a href="https://doi.org/10.1051/e3sconf/201911106063">https://doi.org/10.1051/e3sconf/201911106063</a> , Bucharest, Romania, May 26-29, 2019.                          | SCOPUS, EBSCO   | 2019 | eISSN: 2267-1242                                | 5 | 4.00  |
| 41.00 | Marius Adam, Adriana Tokar                                                | Energy Efficiency in HVAC system using air cooling by direct evaporation                                                     | Acta Technica Corviniensis – Bulletin of Engineering Tome XII, Fascicule 4, pp. 57-61, 2019.                                                                                                                                     | EBSCO           | 2019 | ISSN: 2067-3809                                 | 2 | 10.00 |
| 42.00 | Tenchea Adrian, Tokar Dănuț, Tokar Adriana                                | Reducing Pollutant Emissions by Integrating Flue Gas Treatment Systems into a Corn Coal Fired Coating Plant                  | Hidraulica - Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, No. 1/2019, pag. 31-37, 2019.                                                                                                      | EBSCO           | 2019 | ISSN 1453 – 7303                                | 3 | 6.67  |
| 43.00 | Adam Marius, Tokar Adriana                                                | Experimental study on the influence of cooling water temperature and night ventilation on energy efficiency the HVAC systems | Bulletin of the Transilvania University of Braşov, Series I: Engineering Sciences, Vol. 12 (61) No. 1, 2019, <a href="https://doi.org/10.31926/but.en.s.2019.12.61.8">https://doi.org/10.31926/but.en.s.2019.12.61.8</a> , 2019. | PROQUEST, EBSCO | 2019 | ISSN 2065-2119 (Print), ISSN 2065-2127 (CD-ROM) | 2 | 10.00 |
| 44.00 | Tokar Adriana, Negoîtescu Arina, Alexandra Rusen                          | Solutions to Recover the Energy Lost to an Industrial Consumer                                                               | 10th International Conference KOD 2018, IOP Conf. Series: Materials Science and Engineering 393 (2018) 012078, DOI 10.1088/1757-099X/393/4/012078, 2018.                                                                         | SCOPUS          | 2018 |                                                 | 3 | 6.67  |
| 45.00 | Tokar Dănuț, Negoîtescu Dan, Tokar Adriana, Negoîtescu Arina              | Causes Regarding the Efficiency Reduction of the Solar Systems with Photovoltaic PV panels                                   | 10th International Conference KOD 2018, IOP Conf. Series: Materials Science and Engineering 393 (2018) 012079,                                                                                                                   | SCOPUS          | 2018 |                                                 | 4 | 5.00  |
| 46.00 | Sârbu Ioan, Tokar Adriana                                                 | Numerical Simulation of Unsteady Flow in Water Supply Pipe Networks                                                          | Annals of Faculty Engineering Hunedoara, International Journal of Engineering, Tom XVI (2018), Fascicule 3 (august), pp 17-26, 2018.                                                                                             | PROQUEST, EBSCO | 2018 | ISSN: 2601-2332                                 | 2 | 10.00 |
| 47.00 | Adriana Tokar, Negoîtescu Arina, Negoîtescu Dan, Adam Marius              | A Solution to Reduce Pollutant Emissions by Recovering the Flue Gases Waste Heat                                             | Analele Universităţii "Eftimie Murgu", Fascicula de Inginerie, Vol. XXV / 1, pp. 126-131, Reşiţa, 2018.                                                                                                                          | EBSCO           | 2018 | ISSN 1453 – 7397                                | 4 | 5.00  |
| 48.00 | Negoîtescu Arina, Tokar Adriana, Negoîtescu Dan                           | Influence of Dyeing/Drying Booths Operating Parameters on the Painted Products Quality                                       | Analele Universităţii "Eftimie Murgu", Fascicula de Inginerie Vol. XXV / 1, pp. 81-90, Reşiţa, 2018                                                                                                                              | EBSCO           | 2018 | ISSN 1453 – 7397                                | 3 | 6.67  |
| 49.00 | Foris Tiberiu, Foris Diana, Tokar Adriana, Tokar Danut                    | Influence of Programs with European Funding on the Market of Continuous Professional Training in Romania                     | 5th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2018, Book number: 1.4, Vol. 18, DOI: 10.5593/sgemsocial2018/1.4/S04.053, 26 August - 01 September, 2018.                             | EBSCO           | 2018 | ISBN: 978-619-7408-64-5<br>ISSN: 2367-5659      | 4 | 5.00  |
| 50.00 | Adam Marius, Bancea Olga, Tokar Adriana, Păcurar Cristian                 | Influence of Thermal Confort and Air Quality on Performance of Athletes in Enclosed Spaces                                   | Revista Română de Inginerie Civilă, Vol. 9 (2018), Nr.4, pp. 397-407, Editura MatrixRom, Bucureşti, 2018.                                                                                                                        | PROQUEST, EBSCO | 2018 | ISSN 2068-3987                                  | 4 | 5.00  |
| 51.00 | Arina Negoîtescu, Adriana Tokar                                           | Thermal Systems Modeling for the Heating Process Efficiency Improvement in Industrial Spaces                                 | ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XV [2017] – Fascicule 4, pp. 111-116, Hunedoara, Romania, 2017.                                                                             | EBSCO           | 2017 | ISSN: 1584-2665                                 | 2 | 10.00 |
| 52.00 | Adriana Tokar, Adrian Retezan, Arina Negoîtescu                           | Estimative analysis of investment payback for industrial spaces heated with radiant tubes                                    | Revista Română de Inginerie Civilă, Volumul 8, Nr. 1, pp. 12-18, Bucureşti, 2017.                                                                                                                                                | EBSCO           | 2017 | ISSN 2068-3987                                  | 3 | 6.67  |

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|-------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|---------------------------------------|---|-------|
| 53.00 | Dan Negoîtescu, Dănuț Tokar, Adriana Tokar, Arina Negoîtescu   | Aspects regarding the Valorization of the Air Jets Energy Potential from Industrial Technological Equipment                               | Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Vol. XXIV / 1, pp. 267-278, Reșița, 2017.                                                                                                                          | EBSCO           | 2017 | ISSN 1453 – 7397                      | 4 | 5.00  |
| 54.00 | Arina Negoîtescu, Adriana Tokar, Dan Negoîtescu, Codruța Hamat | Energy Efficiency of Technological Equipment at the Economic Agent by Identifying the Points with Recoverable Heat Potential              | Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Vol. XXIV / 1, pp. 257-266, Reșița, 2017.                                                                                                                          | EBSCO           | 2017 | ISSN 1453 – 7397                      | 4 | 5.00  |
| 55.00 | Tokar Adriana, Foris Diana, Negoîtescu Arina, Foris Tiberiu    | The Vulnerability of Insolated Communities and Buildings Regarding of the utilities access                                                | 4th International Multidisciplinary Scientific Conference on Social Sciences & Arts SGEM 2017, Conference Proceedings, Book 5, Vol 2, pp. 301-308, Albena, Bulgaria, DOI: 10.5593/sgemsocial2017/52/S1 9.038, 24 - 30 august 2017 | EBSCO           | 2017 | ISBN 978-619-7408-25-6 ISSN 2367-5659 | 4 | 5.00  |
| 56.00 | Tokar Adriana, Negoîtescu Arina                                | Cosiderations on seismic design of installations using natural gas fuel                                                                   | Analele Universității "Eftimie Murgu", Vol. XXIII / 1, pp. 347-356, Reșița, 2016                                                                                                                                                  | EBSCO           | 2016 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 57.00 | Negoîtescu Arina Tokar Adriana                                 | Solar energy as an alternative to energy saving and pollutand emmision reduction                                                          | Analele Universității "Eftimie Murgu", Vol. XXII / 1, pp. 195-202, Reșița, 2016                                                                                                                                                   | EBSCO           | 2016 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 58.00 | Mihon Liviu, Negoitescu Arina., Tokar Adriana, Ostola Daniel   | Modeling And Diagnosis Of A Powertrain Through Specific Parameters                                                                        | Applied Mechanics and Materials, Vol. 822, pp 252-258, doi:10.4028/www.scientific.net/AMM.822.252, Trans Tech Publications, Switzerland, 2016                                                                                     | EBSCO           | 2016 | ISSN: 1662-7482                       | 4 | 5.00  |
| 59.00 | Tokar Adriana, Negoîtescu Arina                                | Hot Water Recirculation and Control, a Solution to Reduce Energy Consumption                                                              | Analele Universității "Eftimie Murgu", Vol. XXII / 1, pp. 415-424, Reșița, 2015                                                                                                                                                   | EBSCO           | 2015 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 60.00 | Tokar Adriana, Negoîtescu Arina                                | Treatment Solutions for Rainwater Contaminated with Various Pollutants                                                                    | Analele Universității "Eftimie Murgu", Vol. XXII / 1, pp. 415-424, Reșița, 2015                                                                                                                                                   | EBSCO           | 2015 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 61.00 | Negoîtescu Arina, Tokar Adriana                                | The Influence of Various Operation Modes on Diesel Passenger Cars CO2 Emissions                                                           | Analele Universității "Eftimie Murgu", Vol. XXII / 1,, pp. 315-322, Reșița, 2015                                                                                                                                                  | EBSCO           | 2015 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 62.00 | Negoîtescu Arina, Tokar Adriana                                | Influence of Urban Traffic Driving Conditions and Vehicle Cubic Capacity on CO and VOC Emissions                                          | Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Vol. XX / 2, pp. 227-238, Reșița, 2013.                                                                                                                            | EBSCO           | 2013 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 63.00 | Tokar Adriana, Negoîtescu Arina                                | The Influnce of the Water Supply Indoor Installations Pipes Wear and Clogging on Water Consumption and Hygiene and Sanitary Comfort Level | Analele Universității "Eftimie Murgu", Vol. XX / 2, pp. 239-250, Reșița, 2013.                                                                                                                                                    | EBSCO           | 2013 | ISSN 1453 – 7397                      | 2 | 10.00 |
| 64.00 | Negoîtescu Arina, Tokar Adriana                                | The Estimation of Electric Vehicle Impact on CO2 Emissions Reduction                                                                      | Annals of Faculty Engineering Hunedoara International Journal Of Engineering, Tom XI, Fascicola 3, pp. 83-86, Hunedoara, 2013                                                                                                     | EBSCO           | 2013 | ISSN 1584-2673                        | 2 | 10.00 |
| 65.00 | Ostola Daniel, Mihon Liviu, Negoîtescu Arina, Tokar Adriana    | Aspects Regarding Constructive Modification to Engines Fulfill the Euro 5 and Euro 6 Demands to Passenger Car                             | Acta Technica Corviniensis - Bulletin of Engineering, Tom VI, Fascicola 3, pp. 131-134, Hunedoara, 2013                                                                                                                           | PROQUEST, EBSCO | 2013 | ISSN 2067-3809                        | 4 | 5.00  |
| 66.00 | Mihon Liviu, Negoîtescu Arina, Tokar Adriana, Ostola Daniel    | Dynamical Behaviour of a Powertrain                                                                                                       | Annals of Faculty Engineering Hunedoara International Journal of Engineering, Tom XI, Fascicola 2, pp. 101-104,, Hunedoara, 2013                                                                                                  | PROQUEST, EBSCO | 2013 | ISSN 1584-2673                        | 4 | 5.00  |
| 67.00 | Negoîtescu Arina, Tokar Adriana                                | Solar Storage Tank Insulation Influence on the Solar Systems Efficiency                                                                   | Analele Universității "Eftimie Murgu", Vol. XIX/ 1, pp. 235-243, Reșița, 2012                                                                                                                                                     | EBSCO           | 2012 | ISSN 1453 – 7397                      | 2 | 10.00 |

|       |                                                             |                                                                                                                           |                                                                                                                                                                                |          |      |                        |   |       |
|-------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------------------|---|-------|
| 68.00 | Negoîtescu Arina, Tokar Adriana                             | Opacity Analysis and Estimation of CO2 Exhausted by a Diesel Engine Vehicle Running under Urban Traffic Conditions        | WSEAS TRANSACTIONS on HEAT and MASS TRANSFER, Vol. 7/2, pp. 27-36, Aprilie, 2012                                                                                               | SCOPUS   | 2012 | ISSN 2224-3461         | 2 | 10.00 |
| 69.00 | Tokar Adriana, Negoîtescu Arina                             | Variation of CO2, HC, NOX Emissions for an EURO III Engine under Urban Traffic Conditions                                 | WSEAS TRANSACTIONS on HEAT and MASS TRANSFER, Vol. 7/2, pp. 37-46, ISSN 2224-3461, Aprilie, 2012                                                                               | SCOPUS   | 2012 | ISSN 2224-3461         | 2 | 10.00 |
| 70.00 | Tokar Adriana, Negoîtescu Arina                             | Energetic Efficiency Evaluation by Using Ground-Water Heat Pumps                                                          | Analele Universităţii "Eftimie Murgu", Vol. XIX/ 1, pp. 325-334, Reşiţa, 2012                                                                                                  | EBSCO    | 2012 | ISSN 1453 – 7397       | 2 | 10.00 |
| 71.00 | Tokar Adriana, Negoîtescu Arina                             | The Importance of Thermal Heat Bridges in Civil Engineering                                                               | Analele Universităţii "Eftimie Murgu", Vol. XVIII/ 3, pp. 227-234, Reşiţa, 2011                                                                                                | EBSCO    | 2011 | ISSN 1453 – 7397       | 2 | 10.00 |
| 72.00 | Negoîtescu Arina, Tokar Adriana                             | Catalysts Efficiency Evaluation by using CC Analysis Test                                                                 | Analele Universităţii "Eftimie Murgu", Vol. XVIII/ 3, pp. 163-170, Reşiţa, 2011                                                                                                | EBSCO    | 2011 | ISSN 1453 – 7397       | 2 | 10.00 |
| 73.00 | Mihon Liviu, Negoîtescu Arina, Tokar Adriana, Ostoia Daniel | Motor and Vehicle Optimization Process Modeling by Using the AVL Cruise in Standard Applications                          | Annals of Faculty Engineering Hunedoara International Journal Of Engineering, Tom IX, Extra Fascicola, pp. 83-86, Hunedoara, 2011                                              | PROQUEST | 2011 | ISSN 1584-2673         | 4 | 5.00  |
| 74.00 | Negoîtescu Arina, Tokar Adriana                             | Efficiency and Economy Solutions Regarding the Industrial Buildings Heating                                               | WSEAS Transactions on Environment and Development, Issue 4, Volume 6, pp. 288-297, april, 2010                                                                                 | SCOPUS   | 2010 | ISSN 1790-5079         | 2 | 10.00 |
| 75.00 | Tokar Adriana, Negoîtescu Arina                             | Evaluation of Emissions Exhausted by Diesel Vehicles on Urban Routes                                                      | NAUN International Journal of Energy and Environment, Issue 2, Volume 4, pp. 35-44, ISSN 2308-1007, 2010                                                                       | EBSCO    | 2010 | ISSN 2308-1007         | 2 | 10.00 |
| 76.00 | Tokar Adriana, Sporea Ion, Negoîtescu Arina                 | Studies and Tests Concerning Smelting Casting Alloy of Universal Aluminium                                                | Acta Technica Corviniensis - Bulletin of Engineering, Tom III, Fascicola 2, pp. 53-56, ISSN 2067-3809, Hunedoara, 2010                                                         | EBSCO    | 2010 | ISSN 2067-3809         | 3 | 6.67  |
| 77.00 | Negoîtescu Arina, Tokar Adriana, Ostoia Daniel              | The Importance of Non-Conventional Biofuel Utilization for Pollutant Emissions Reduction                                  | Annals of Faculty Engineering- Journal of Engineering, Hunedoara, Tom VII, Fascicola 3, pp. 309-311, Hunedoara, 2009                                                           | EBSCO    | 2009 | ISSN 1584-2673         | 3 | 6.67  |
| 78.00 | Ostoia Daniel, Negoîtescu Arina, Tokar Adriana              | Evaluation Losses Leakiness by the Simulation of Pressure Loss in the Combustion Chamber of an Internal Combustion Engine | Proceedings of the 5th International Vilnius Conference on Sustainable Development KORSD-2009, Stream: Process Modelling and Simulation, Vilnius, Lithuania, pp. 512-516, 2009 | PROQUEST | 2009 | ISBN 978-9955-28-482-6 | 3 | 6.67  |
| 79.00 | Tokar Adriana, Ostoia Daniel, Negoîtescu Arina              | Mathematical Simulation of a Tank Used for Equipping a High Speed Train in Order to Aim Safe Operation                    | Proceedings of the 5th International Conference on Sustainable Development, Stream: Process Modelling and Simulation, Vilnius, Lithuania, pp. 517-521, 2009                    | PROQUEST | 2009 | ISBN 978-9955-28-482-6 | 3 | 6.67  |
| 80.00 | Negoîtescu, Arina, Tokar, Adriana, Ostoia, Daniel           | Modelling of the Performance Level and Heat Flow for the Alco R-251 Flo Diesel Engine                                     | Proceedings of the 5th International Conference on Sustainable Development, Stream: Process Modelling and Simulation, Vilnius, Lithuania, pp. 507-511, 2009                    | PROQUEST | 2009 | ISBN 978-9955-28-482-6 | 3 | 6.67  |
| 81.00 | Negoîtescu Arina, Tokar Adriana, Ostoia Daniel              | A Study Regarding the Trigeneration Systems                                                                               | Analele Universităţii Eftimie Murgu, Fascicola de Inginerie, ANUL XV, Reşiţa, 2008.                                                                                            | EBSCO    | 2008 | ISSN 1453 – 7397       | 3 | 6.67  |



|       |                                                                                               |                                                                    |                                                                                                                                       |       |      |                  |   |      |
|-------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|------|------------------|---|------|
| 82.00 | Tokar Adriana, Negoitescu Arina, Ostoia Daniel                                                | The Influence Oil Film Lubrication of the Piston-Cylinder Dynamic, | Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Vol. XV, nr.1, pp. 447-453, Reșița, 2008                               | EBSCO | 2008 | ISSN 1453 – 7397 | 3 | 6.67 |
| 83.00 | Negrea Virgiliu Dan, Tokar Adriana, Dragomir George, Negrea Ileana, Rafan Lucian, Filip Adela | Valuation of Noxious at a Single Cylindred Gasoline Motor          | Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume VII (XVII), pp. 436-443, ISSN 1583-0691 | EBSCO | 2008 | ISSN 1583-0691   | 6 | 3.33 |
|       |                                                                                               |                                                                    |                                                                                                                                       |       |      |                  |   |      |

2.4 Granturi / proiecte castigate prin competitie

2.4.1 Director / responsabil

2.4.1.1 INTERNATIONALE

2.4.1.1

2.4.2 Membru in echipa

INTERNATIONALE

| Nr. Crt. | Echipa de cercetare ( Director și cercetători )            | Denumirea grantului                                                                                                                                                                 | Nr. Grant | Perioada de desfasurare | Ani de desfasurare | Valoare grant EURO | Beneficiar | Poziția în cadrul echipei de cercetare |               | Indicator realizat     | Indicator realizat | Confirm director |
|----------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------|--------------------|--------------------|------------|----------------------------------------|---------------|------------------------|--------------------|------------------|
|          |                                                            |                                                                                                                                                                                     |           |                         |                    |                    |            | Director                               | Membru echipă | Director / Responsabil | Membru             |                  |
|          |                                                            |                                                                                                                                                                                     |           |                         |                    |                    |            | 40                                     |               | 0                      |                    |                  |
| 1        | Tokar Adriana, Bisorca Daniel, Tokar Danut, Muntean Daniel | Interreg IPA Romania – Serbia Programme<br>Priority: 1 - Environmental protection and risk management<br>Project title: Greener and smarter Romanian Serbian Border Crossing points | RORS00340 | 2026-2028               | 2                  | 3,913,753          | Teritorial | x                                      |               | 40                     |                    |                  |

2.4 Granturi / proiecte castigate prin competitie

2.4.1 Director / responsabil  
2.4.1.2 NATIONALE

2.4.2 Membru in echipa  
2.4.2.2 NATIONALE

| Nr. Crt. | Echipa de cercetare ( Director și cercetători )                                                                                              | Denumirea grantului                                                                                                                                                                                                                                                                                          | Programul                            | Nr contract        | Perioada de desfasurare | Ani de desfasurare | Valoare grant RON | Poziția în cadrul echipei de cercetare |               | Indicator realizat    | Indicator realizat | Confirm director grant |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|-------------------------|--------------------|-------------------|----------------------------------------|---------------|-----------------------|--------------------|------------------------|
|          |                                                                                                                                              |                                                                                                                                                                                                                                                                                                              |                                      |                    |                         |                    |                   | Director                               | Membru echipă | Director /Responsabil | Membru             |                        |
| 9080     |                                                                                                                                              |                                                                                                                                                                                                                                                                                                              |                                      |                    |                         |                    |                   |                                        |               |                       |                    |                        |
|          | Tokar Adriana, Bisorca Daniel, Tokar Dănuț, Muntean Daniel, Dorca Alexandru                                                                  | Activitate de cercetare si consultanta tehnica pentru realizarea documentatiei la faza "Documentația de avizare a lucrărilor de intervenții" pentru obiectivul de investitie: "Extindere rețea de gaze și montare centrale termice la pavilioanele administrative ale S.T.P.F. Mehedinți"                    | Proiect cercetare-dezvoltare-inovare | BC34/ 23.05.2024   | 2024                    | 1                  | 151,725           | x                                      |               | 10                    |                    | TOKAR ADRIANA          |
| 1        | Tokar Adriana, Tokar Dănuț, Herban Sorin, Muntean Benjamin Daniel, Dorca Alexandru, Ungureanu Viorel, Botici Alexandru, Filipovici Alexandru | Cercetare și consultanță tehnică pentru realizarea documentației la faza “(Studiu de fezabilitate- SF.) pentru obiectivul de investiții „ Construire depozit materiale confiscate în cadrul imobilului 49- 237 sediul Inspectoratului Teritorial al Poliției de Frontieră Timișoara”, Timișoara, județ Timiș | Proiect cercetare-dezvoltare-inovare | BC 40 / 22.05.2023 | 2023                    | 1                  | 104,958           | x                                      |               | 10                    |                    | TOKAR ADRIANA          |
| 2        | Tokar Adriana, Tokar Dănuț, Herban Sorin, Muntean Benjamin Daniel, Dorca Alexandru, Ungureanu Viorel, Botici Alexandru, Filipovici Alexandru | Cercetare și consultanță tehnică pentru realizarea documentației la faza “(D.A.L.I.) pentru obiectivul de investiții „Reabilitare și modernizare Pavilion 5E din cadrul I.T.P.F. Timișoara, județ Timiș”                                                                                                     | Proiect cercetare-dezvoltare-inovare | BC 41 / 22.05.2023 | 2023                    | 1                  | 99,960            | x                                      |               | 10                    |                    | TOKAR ADRIANA          |
| 3        | Tokar Dănuț, Tokar Adriana, Muntean Benjamin Daniel, Herban Sorin, Alionescu Adrian, Zdenghea Paul                                           | Cercetare și consultanță tehnică pentru realizarea documentației la faza “(D.A.L.I.) pentru obiectivul de investiții „Branșament electric repetor ANINA (Brădet), județ Caraș Severin”                                                                                                                       | Proiect cercetare-dezvoltare-inovare | BC 42 / 22.05.2023 | 2023                    | 1                  | 73.780            |                                        | x             |                       | 5                  | TOKAR DANUT            |

|   |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                 |                       |                         |   |           |   |   |    |    |                |
|---|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|---|-----------|---|---|----|----|----------------|
|   | Tokar Dănuț, Tokar Adriana, Muntean Benjamin Daniel                                               | Modernizare instalație interioară de utilizare energie electrică și iluminat exterior la Imobilul 45-44 Timișoara, cazarma Barițiu                                                                                                                                                                                                                    | Proiect cercetare-dezvoltare-inovare                                                                                                                                                                                                                                                                                            | BC 57 / 28.06.2023    | 2023                    | 1 | 32,725    | x |   | 10 |    |                |
| 4 | Tokar Dănuț, Tokar Adriana, Muntean Benjamin Daniel, Herban Sorin, Alionescu Adrian, Zdengea Paul | Cercetare și consultanță tehnică pentru realizarea documentației la faza "(D.A.L.I.) pentru obiectivul de investiții „Branșament electric repetorCheile Nerei, județ Caraș Severin”                                                                                                                                                                   | Proiect cercetare-dezvoltare-inovare                                                                                                                                                                                                                                                                                            | BC 43/ 22.05.2023     | 2023                    | 1 | 73,780    |   | x |    | 5  | TOKAR DANUT    |
| 5 | HERBAN SORIN                                                                                      | Asigură-ți Viitorul prin Educație și Antreprenariat – AVEA                                                                                                                                                                                                                                                                                            | Programul Operațional Capital Uman 2014-2020, Axa prioritară 6 "Educație Și Competențe", Prioritatea de investiții 10.ii. Îmbunătățirea calității și eficienței și accesul la învățământul terțiar și a celui echivalent în vederea creșterii participării și a nivelului de educație, în special pentru grupurile defavorizate | POCU/379/6/2 1/123900 | 2020-2021               | 2 | 3,146,253 |   | x |    | 10 | HERBAN SORIN   |
| 6 | ADAM MARIUS, CINCA MIHAI, TOKAR ADRIANA, PACURAR CRISTIAN                                         | Cercetare științifică privind gradul de eficiență a sistemului de ventilare utilizat și randamentul recuperatoarelor de energie aferente unei clădiri industriale. Măsurători experimentale și propunere de soluții                                                                                                                                   | Contract de cercetare dezvoltare-inovare-consultanță-expertizare                                                                                                                                                                                                                                                                | BC 51 / 22.05.2019    | 20.05.2019 - 20.11.2019 | 1 | 59,726    |   | x |    | 5  | ADAM MARIUS    |
| 7 | OSTOIA DANIEL, NEOITESCU ARINA, NEOITESCU DAN, TOKAR ADRIANA, BOZAN IONUT, TOKAR DANUT            | Analiză tehnico-științifică privind posibilitatea reducerii de combustibil și noxe la motoarele diesel ce echipază autovehiculele de transport persoane ale S.C. Sango Water CO S.A                                                                                                                                                                   | Contract de cercetare dezvoltare-inovare-consultanță-expertizare                                                                                                                                                                                                                                                                | BC100/01.10.2 019     | 2019-2020               | 2 | 100,555   |   | x |    | 10 | OSTOIA DANIEL  |
| 8 | BRATA SILVIANA, TOKAR ADRIANA, PACURAR CRISTIAN, ADAM MARIUS                                      | Lotul nr.1 - Metodologie de calcul al performanței energetice a clădirilor, indicativ Mc001/2006: revizuire metodologie; revizuire/elaborare de comentarii și exemple de aplicare,Capitolul 5 Certificatul de performanță energetică, Anexa A. Procedura de validare a programelor de calculator utilizabile pentru calculul performanței energetice. |                                                                                                                                                                                                                                                                                                                                 | BC 42/21.04.2017      | 21.04.2017 - 30.07.2017 | 1 | 6317.71   |   | x |    | 5  | BRATA SILVIANA |

|    |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                 |                               |                         |   |           |   |   |    |    |                  |
|----|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|---|-----------|---|---|----|----|------------------|
| 9  | BRATA SILVIANA, TOKAR ADRIANA, PACURAR CRISTIAN, ADAM MARIUS                 | Lotul nr. 2 - Ghid de bună practică pentru atingerea nivelurilor optime, din punct de vedere al costurilor, ale cerințelor minime de performanță energetică a diverselor categorii de clădiri, Capitolul 8 Diferențele dintre cerințele actuale de performanță energetică și nivelurile calculate care sunt optime din punctul de vedere al costurilor, Capitolul 9 Compararea diferențelor. |                                                                                                                                                                                                                                                                                 | BC 45/28.04.2017              | 21.04.2017 - 30.07.2017 | 1 | 5012.28   |   | x |    | 5  | BRATA SILVIANA   |
| 10 | ADRIANA TOKAR, NEGOITESCU ARINA, DAN NEGOITESCU, BRATA SILVIANA, ADAM MARIUS | Eficientizare energetică prin valorificarea energiei jeturilor de aer din sistemele de exhaustare la S.C. CLAGI-COPLASS S.R.L.                                                                                                                                                                                                                                                               | PN-III-CERC-CO-BG-2016                                                                                                                                                                                                                                                          | 74BG/2016                     | 01.10.2016-01.10.2018   | 2 | 430,100   | x |   | 20 |    | TOKAR ADRIANA    |
| 11 | DUNGAN LUIZA                                                                 | Parteneriat dezvoltat pentru CONSilierea și PRACTica Studenților în vederea creșterii angajabilității lor- CONPRACTIS                                                                                                                                                                                                                                                                        | POSDRU/2.1                                                                                                                                                                                                                                                                      | POSDRU/189/2.1/G/156607, 2015 | 2015-2016               | 2 | 1,011,636 |   | x |    | 10 | DUNGAN LUIZA     |
| 12 | TOKAR ADRIANA                                                                | Instalații de încălzire Muzeul Banatului Montan Reșița                                                                                                                                                                                                                                                                                                                                       | Contract finanțat de Consiliul Județean Caraș-Severin                                                                                                                                                                                                                           | 284/25.02.2011                | 2011                    | 1 | 63,076    | x |   | 10 |    | TOKAR ADRIANA    |
| 13 | TOKAR ADRIANA                                                                | Rețele de canalizare menajeră                                                                                                                                                                                                                                                                                                                                                                | Schemă de grant FDRS (FONDUL ROMÂN DE DEZVOLTARE SOCIALĂ) -Schema de dezvoltare socială a comunităților miniere componentă a proiectului Guvernului României "Închiderea minelor, refacerea mediului și regenerarea socio-economică - Faza II- Finanțat de Ministerul Economiei | 36/05.04.2011                 | 2011                    | 1 | 15,004    | x |   | 10 |    | TOKAR ADRIANA    |
| 14 | TOKAR ADRIANA                                                                | Lucrări de instalații electrice, cod CPV 45310000-3. Fabrica de accesorii auto Delphi Packard                                                                                                                                                                                                                                                                                                | Contract finanțat de Primăria orașului Moldova-Nouă                                                                                                                                                                                                                             | 1995/14.03.2011               | 2011                    | 1 | 44,818    | x |   | 10 |    | TOKAR ADRIANA    |
| 15 | MIHON LIVIU                                                                  | Modelarea termogazodinamică a motoarelor cu ardere internă în vederea funcționării cu combustibili neconvenționali.                                                                                                                                                                                                                                                                          | PN-II-ID-PCE-2008-2                                                                                                                                                                                                                                                             | 11/2009                       | 2009                    | 1 | 701,100   |   | x |    | 5  | MIHON LIVIU      |
| 16 | NEGOITESCU ARINA, TOKAR ADRIANA                                              | Asistență tehnică în vederea creșterii randamentului prin recuperarea gazelor arse si modernizarea echipamentelor de automatizare la instalatiile de încălzire cu tuburi radiante                                                                                                                                                                                                            | Proiect cercetare-dezvoltare-inovare                                                                                                                                                                                                                                            | 88/14.09.2009                 | 2009                    | 1 | 43,675    |   | x |    | 5  | NEGOITESCU ARINA |

|    |                                                                                                                          |                                                                                                                                                                                                                            |         |                                 |      |   |         |  |   |  |   |                 |
|----|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------|------|---|---------|--|---|--|---|-----------------|
| 17 | NEGREA VIRGILIU DAN, MIHON LIVIU, NAGY MIHAI, LAZA IOAN, NEGOIȚESCU ARINA, LELEA DORIN, BOARU LACRAMIOARA, TOKAR ADRIANA | Optimizarea utilizării pilelor de combustie și a schimbătoarelor de căldură pentru m.a.i.                                                                                                                                  | Grant A | CNCSIS 42523, tema 18A/548 2004 | 2004 | 1 | 39,000  |  | x |  | 5 | NEGREA VIRGILIU |
| 18 | NEGREA VIRGILIU DAN, MIHON LIVIU, NAGY MIHAI, LAZA IOAN, NEGOIȚESCU ARINA, LELEA DORIN, BOARU LACRAMIOARA, TOKAR ADRIANA | Cercetări privind optimizarea constructiv funcțională și ecologizarea mașinilor și echipamentelor termice și a vehiculelor de transport                                                                                    | Grant A | CNCSIS 32940, tema 16/548 2004  | 2004 | 1 | 130,000 |  | x |  | 5 | NEGREA VIRGILIU |
| 19 | NEGREA VIRGILIU DAN, IORGA DANILA, OSTOIA DANIEL, MEKKI CHELDI, TOKAR ADRIANA, MOLDOVEANU CĂLIN                          | Studii si cercetari privind adaptarea constructiv functionala a unui sistem de injectie si a parametrilor admisei la un m.a.c. cu injectie directa vizand reducerea gradului de fum, cu mentinerea performantelor motorulu | Grant A | CNCSIS 32940, tema 9/548 2003   | 2003 | 1 | 10,000  |  | x |  | 5 | NEGREA VIRGILIU |

2.5 Proiecte de cercetare/consultanta (valoare de minim 10 000 Euro echivalenti)

| Nr. Crt. | Echipa de cercetare<br>( Director si cercetători ) | Denumirea contractului | Nr contract | Anul | Valoare anuală contract<br>RON ( în țară ) | Valoare anuală contract<br>EURO<br>( în străinătate ) | Beneficiar | Poziția în cadrul<br>echipei de cercetare |               | Indicator realizat     | Confirm                |
|----------|----------------------------------------------------|------------------------|-------------|------|--------------------------------------------|-------------------------------------------------------|------------|-------------------------------------------|---------------|------------------------|------------------------|
|          |                                                    |                        |             |      |                                            |                                                       |            | Director                                  | Membru echipă | Director / Responsabil | Director / Responsabil |

|   |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|
| 1 |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------|
| 2.5 Responsabil de proiecte de cercetare/consultanță (fiecare proiect considerat la calculul punctajului trebuie să fie în valoare de minim 50000 lei pentru instituția la care responsabilul era/este titular) |  |  | 5/proiect (se dovedește prin contract) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------|

### 3.1.1 Citări in reviste ISI

| Nr. Crt | Autorii lucrării citate                                      | Titlul lucrării citate                                                                              | Autorii lucrării care citează                                                                                                                                      | Titlul lucrării care citează                                                                                                                        | Revista ISI in care a aparut lucrarea care citează                                               | Factor impact Al revistei in care a aprut articolul care citeaza | Nr autori ai articolului citat | Indicator realizat |
|---------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------|--------------------|
| 391.39  |                                                              |                                                                                                     |                                                                                                                                                                    |                                                                                                                                                     |                                                                                                  |                                                                  |                                |                    |
| 1       | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit | Pirvulescu Liviu Daniel, Bordeasu Ilare, Ghiban Brandusa                                                                                                           | Contributions to the study of mechanical and cavitation behaviors of the magnesium alloy type AM50                                                  | UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE | 0.3                                                              | 4                              | 0.750              |
| 2       | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                  | Multi-objective optimization of water distribution networks: An overview                            | Cassiolato Gustavo H. B., Ravagnani Mauro A. S. S.                                                                                                                 | Bi-objective Optimization of Water Distribution Networks                                                                                            | WATER RESOURCES MANAGEMENT                                                                       | 4.7                                                              | 3                              | 15.667             |
| 3       | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit | Bordeasu Ilare, Ghiban Brandusa, Constantin Titus Albert, Parmanche, Robert Buzatu, Andreea Daniela, Micu Lavinia Madalina, Bordeasu Dorin, Demian, Mihai Alin     | New results regarding the influence of artificial aging heat treatment at 140°C on the cavitation resistance of the 2017 a aluminum alloy structure | UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE | 0.3                                                              | 4                              | 0.750              |
| 4       | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit | Bordeasu Ilare, Ghiban Brandusa, Ghera Cristian, Salcianu Cornelia Laura, Micu Lavinia Madalina, Stroita Daniel Catalin, Demian Mihai Alin, Buzatu Andreea Daniela | The effect of hardening obtained after tig remelting on the resistance of the 7075 alloy structure to cavitation erosion                            | UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE | 0.3                                                              | 4                              | 0.750              |
| 5       | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                  | Multi-objective optimization of water distribution networks: An overview                            | De Santi Michael, Ali Syed Imra, Fesselet Jean-Francois, Arnold Matthew, Taylor Dawn, Khan Usman T.                                                                | Training for the test: Using multi-objective training to improve ANN ensemble forecasts of household residual chlorine in emergencies               | PLOS WATER                                                                                       | 2.8                                                              | 3                              | 9.333              |
| 6       | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                  | Multi-objective optimization of water distribution networks: An overview                            | Pirkova Marcela, Fialova Simona, Pochlyly Frantisek                                                                                                                | Advancing in hydraulic analysis: Integration of optimisation methods and renewable energy sources                                                   | JOURNAL OF ECOLOGICAL ENGINEERING                                                                | 1.5                                                              | 3                              | 5.000              |



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|----|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------|---|--------|
| 7  | Tokar A., Muntean D., Tokar D., Bisorca D.                                     | Experimental Study on the Sustainability of Harnessing the Thermal Potential of Surface Waters for Building Decarbonization  | Hussein A. Al Khiero, R. Boukhanouf                                                               | Recent Advancements in Design and Energy Performance of Vapour Compression Systems for Air Conditioning in Buildings: A Review                                            | ENERGIES                                             | 3.2   | 4 | 8.000  |
| 8  | Tokar A., Muntean D., Tokar D., Bisorca D.                                     | Decarbonization of Heating and Cooling Systems of Buildings Located Nearby Surface Water Sources: Case Study                 | Mariusz Ptak, Mariusz Sojka, Muhammad Yousuf Jat Baloch, Teerachai Amnuaylojaroen                 | Heat Resources of Rivers in the Odra River Basin as a Potential Element Implement for Sustainable Development in Poland                                                   | RESOURCES-BASEL                                      | 3.2   | 4 | 8.000  |
| 9  | Marius Adam, Adriana Tokar, Alexandru Dorca, Danut Tokar, Alexandru Filipovici | Experimental measurements and analysis of the parameters that influence the consumption of electrical energy in HVAC systems | Fikadu Geremu Bodena, Demiss Alemu Amibe, Ole Jorgen Nydal, Trygve Magne Eikevik                  | Performance Analysis of Small-Scale Milk Processing Using a Photovoltaic System with Heat Recovery for Off-Grid Areas                                                     | ENERGIES                                             | 3.2   | 5 | 6.400  |
| 10 | Tokar Danut, Muntean Daniel Tokar Adriana Adam Marius                          | Contributions to the passive house concept through the usage of photovoltaic blinds                                          | Kajavathani Panchalingam, Eziaku Onyeizu Rasheed, James Olabode Bamidele Rotimi                   | Cost-Related Drivers and Barriers of Passivhaus: A Systematic Literature Review                                                                                           | SUSTAINABILITY                                       | 3.3   | 4 | 8.250  |
| 11 | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                                    | Multi-objective optimization of water distribution networks: An overview                                                     | Rashed NA, Ali YH, Rashid TA                                                                      | Advancements in Optimization: Critical Analysis of Evolutionary, Swarm, and Behavior-Based Algorithms                                                                     | Algorithms                                           | 1.8   | 3 | 6.000  |
| 12 | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                                    | Multi-objective optimization of water distribution networks: An overview                                                     | Quintero Viviana, Gonzalez Quiroga Arturo, Gonzalez-Delgado Angel Dario                           | A Hybrid Methodology to Minimize Freshwater Consumption during Shrimp Shell Waste Valorization Combining Multi-Contaminant Pinch Analysis and Superstructure Optimization | POLYMERS                                             | 4.967 | 3 | 16.557 |
| 13 | Sârbu Ioan, Popa-Albu Simona, Tokar Adriana                                    | Multi-objective optimization of water distribution networks: An overview                                                     | Sârbu Ioan                                                                                        | Optimization of Urban Water Distribution Networks Using Deterministic and Heuristic Techniques: Comprehensive Review                                                      | JOURNAL OF PIPELINE SYSTEMS ENGINEERING AND PRACTICE | 1.916 | 3 | 6.387  |
| 14 | Petrica Daniel Toma, Tokar Adriana, Mirela Țoropoc                             | Modelling and Simulation Eutrophication of Water Rivers                                                                      | Zhao Zhiyao, Zhou Yuqin, Wang Xiaoyi, Wang Zhaoyang, Bai Yuting                                   | Water quality evolution mechanism modeling and health risk assessment based on stochastic hybrid dynamic systems                                                          | EXPERT SYSTEM WITH APPLICATIONS                      | 8.665 | 3 | 28.883 |
| 15 | Sârbu Ioan, Tokar Adriana                                                      | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                                  | Voznyak Orest, Dudkiewicz Edyta, Laska Marta, Antypov Ievgen, Spodyniuk, Nadiia, Sukholova Iryna, | A New Approach to the Economic Evaluation of Thermomodernization: Annual Assessment Based on the Example of Production Space                                              | ENERGIES                                             | 3     | 2 | 15.000 |
| 16 | Sârbu Ioan, Tokar Adriana                                                      | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                                  | Kuznetsov GV, Maksimov, VI, Nagornova TA, Voloshko IV, Gutareva, NY, Kurilenko, NI                | Experimental determination of the worker's clothing surface temperature during the ceramic gas heater operation                                                           | THERMAL SCIENCE AND ENGINEERING PROGRESS             | 4.56  | 2 | 22.800 |

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|----|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------|---|--------|
| 17 | Sârbu Ioan, Tokar Adriana                                    | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                             | Borisov B.V., Vyatkin A.V., Kuznetsov G.V., Maksimov V.I., Nagornova T.A.                                       | Formation of Regulational Thermal Regimes in an Industrial Room with a Radiant Heating System and Air Exchange                                                             | JOURNAL OF ENGINEERING PHYSICS AND THERMOPHYSICS                                 | 0.6   | 2 | 3.000  |
| 18 | Sârbu Ioan, Tokar Adriana                                    | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                             | Maksimov VI, Nagornova, TA, Kurilenko NI, Voloshko IV                                                           | Advantage analysis of systems for ensuring local working zones thermal conditions based on gas infrared emitters in comparison with traditional convective heating systems | BULLETIN OF THE TOMSK POLYTECHNIC UNIVERSITY-GEO ASSETS ENGINEERING              | 0.6   | 2 | 3.000  |
| 19 | Sârbu Ioan, Tokar Adriana                                    | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                             | Dudkiewicz Edyta, Szalanski, Pawel                                                                              | Overview of exhaust gas heat recovery technologies for radiant heating systems in large halls                                                                              | THERMAL SCIENCE AND ENGINEERING PROGRESS                                         | 4.56  | 2 | 22.800 |
| 20 | Sârbu Ioan, Tokar Adriana                                    | Numerical modelling of high-temperature radiant panel heating system for an industrial hall                             | Dudkiewicz E, Fidorów-Kaprawy N                                                                                 | Hybrid Domestic Hot Water System Performance in Industrial Hall                                                                                                            | RESOURCES-BASEL                                                                  | 3.6   | 2 | 18.000 |
| 21 | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit                     | Bordeasu Dorin                                                                                                  | Study on the implementation of an alternative solution to the current irrigation system                                                                                    | ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING    | 0.3   | 4 | 0.750  |
| 22 | Negoîtescu Arina, Tokar Adriana, Hamat Codruța               | The influence of the air thermal and rainfall regimes on storage lakes water turbidity                                  | Wang Xiaodi, Song, Kaishan, Wen Zhidan, Liu Ge, Shang, Yingxin Fang Chong, Lyu Lili, Wang Qiang                 | Quantifying Turbidity Variation for Lakes in Daqing of Northeast China Using Landsat Images From 1984 to 2018                                                              | IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING | 4.715 | 3 | 15.717 |
| 23 | Negoîtescu Arina, Tokar Adriana, Hamat Codruța               | The influence of the air thermal and rainfall regimes on storage lakes water turbidity                                  | Ungureanu George, Boghita Eduard, Ignat, Gabriela, Costuleanu Carmen, Luiza Sandu Andrei Victor, Bejinariu      | Effect of Climate Change on Pedological Modifications and Soil Aridity Process in Vineyards                                                                                | REVISTA DE CHIMIE                                                                | 1.755 | 3 | 5.850  |
| 24 | Tokar Adriana, Negoîtescu Arina, Hamat Codruța, Roșu Șerban  | The chemical and ecological state evaluation of a storage lake                                                          | Ionescu Petra, Radu Violeta Monica, Deak Gyorgy, Diacu Elena, Marcu Ecaterina, Ciobotaru Irina-Elena            | Quality Assessment of Some Freshwater Resources Located in Bucharest and Surrounding Areas I. Water Quality Assessment of Herastrau, Pantelimon and Mogosoia Lakes         | REVISTA DE CHIMIE                                                                | 1.755 | 4 | 4.388  |
| 25 | Tokar Adriana, Negoîtescu Arina, Hamat Codruța, Roșu Șerban  | The chemical and ecological state evaluation of a storage lake                                                          | Romanescu Gheorghe, Pascal Madalina, Miha-Pintilie A., Stoleriu Cristian Constantin, Sandu Ion, Moisii Madalina | Water Quality Analysis in Wetlands Freshwater: Common Floodplain of Jijia-Prut Rivers                                                                                      | REVISTA DE CHIMIE                                                                | 1.412 | 4 | 3.530  |
| 26 | TOKAR ADRIANA, NEGOITESCU ARINA, ADAM MARIUS                 | RESEARCH ON MECHANICAL STRENGTH OF TECHNOLOGICAL FLUID STORAGE TANK MADE OF POLYESTER RESIN REINFORCED WITH FIBER GLASS | POPESCU TEODOR COSTINEL, DUMITRESCU CATALIN, BORDEASU ILARE                                                     | Aspects concerning the use of plastics in developing test stands for experimental models of hydraulic turbine blades and rotors                                            | MATERIALE PLASTICE                                                               | 0.778 | 3 | 2.593  |

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|----|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------|---|--------|
| 27 | TOKAR ADRIANA,<br>NEGOITESCU ARINA,<br>ADAM MARIUS                     | RESEARCH ON MECHANICAL STRENGTH<br>OF TECHNOLOGICAL FLUID STORAGE<br>TANK MADE OF POLYESTER RESIN<br>REINFORCED WITH FIBER GLASS | PAHONIE RADU CALIN,<br>STEFAN AMADO,<br>COSTULEANU CARMEN<br>LUIZA, BOLDUREANU<br>DANIEL, ADRUSEAC<br>GABRIELA                                         | Managing and Analyzing the<br>Constructive and Functional<br>Parameters on Fiberglass Custom<br>Sensor Design for an Aerodynamic<br>Balance | MATERIALE PLASTICE                                                  | 1.248 | 3 | 4.160  |
| 28 | TOKAR ADRIANA,<br>NEGOITESCU ARINA,<br>ADAM MARIUS                     | RESEARCH ON MECHANICAL STRENGTH<br>OF TECHNOLOGICAL FLUID STORAGE<br>TANK MADE OF POLYESTER RESIN<br>REINFORCED WITH FIBER GLASS | SOCALICI ANA, ARDELEAN<br>ERIKA, PASCU LIVIU, PUTAN<br>VASILE                                                                                          | Friction and Wear Behaviour of<br>Composite Materials Containing<br>Organic Components                                                      | MATERIALE PLASTICE                                                  | 1.248 | 3 | 4.160  |
| 29 | Negoîtescu Arina,<br>Tokar Adriana                                     | Investigation on Car Emissions Under<br>the Urban Traffic Conditions with the<br>Influence on Timisoara Air Quality              | Stoycheva Stella,<br>Marchese Dayton, Paul<br>Cameron, Padoan Sara,<br>Juhmani Abdul-Salam,<br>Linkov Igor                                             | Multi-criteria decision analysis<br>framework for sustainable<br>manufacturing in automotive<br>industry                                    | JOURNAL OF CLEANER<br>PRODUCTION                                    | 6.395 | 2 | 31.975 |
| 30 | Negoîtescu Arina,<br>Tokar Adriana                                     | Investigation on Car Emissions Under<br>the Urban Traffic Conditions with the<br>Influence on Timisoara Air Quality              | Juostas Antanas,<br>Janulevicius Algirdas                                                                                                              | Tractor's engine efficiency and<br>exhaust emissions' research in<br>drilling work                                                          | JOURNAL OF ENVIRONMENTAL<br>ENGINEERING AND LANDSCAPE<br>MANAGEMENT | 0.623 | 2 | 3.115  |
| 31 | Tokar Adriana,<br>Negoîtescu Arina                                     | Researches on the Chemical Indicators of<br>Discharged Water, Treated by Mechano-<br>biological Methods                          | Lobiuc Andrei, Olaru<br>Stefan, Hancu Elena Iren,<br>Costica Naela, Fortuna<br>Maria Emilian, Zamfirache<br>Maria Magdalena,<br>Constantinescu Gabriel | Toxicity and removal of Direct Red<br>28 diazo dye in living<br>polymeric systems                                                           | REVISTA DE CHIMIE                                                   | 1.605 | 2 | 8.025  |
| 32 | Tokar Adriana,<br>Negoîtescu Arina                                     | Researches on the Chemical Indicators of<br>Discharged Water, Treated by Mechano-<br>biological Methods                          | Ionescu Ioana Alexandra,<br>Patroescu Viorel, Iordache<br>Ovidiu, Cornea Petruta,<br>Jinescu Cosmin, Mares<br>Monica Alina                             | Aerobic Granular Sludge Cultivation<br>in a Sequencing Batch<br>Reactor (SBR) Using Activated Sludge<br>as Inoculum                         | REVISTA DE CHIMIE                                                   | 1.232 | 2 | 6.160  |
| 33 | Negoîtescu Arina,<br>Tokar Adriana                                     | Water Disinfection and the<br>Implementation of Modern Technologies<br>at Potable Water Treatment Station                        | Cohl Maria, Lazar Liliana,<br>Cretescu Igor, Balasanian,<br>Ion                                                                                        | Trihalomethanes Issues Drinking<br>Water After Chlorination<br>Treatment                                                                    | REVISTA DE CHIMIE                                                   | 0.956 | 2 | 4.780  |
| 34 | Negoîtescu Arina,<br>Tokar Adriana                                     | Water Disinfection and the<br>Implementation of Modern Technologies<br>at Potable Water Treatment Station                        | Romanescu Gheorghe,<br>Tarnovan Alina, Sandu<br>Ioan Gabriel, Cojoc, Gianina<br>Maria, Dascalita Dan,<br>Sandu Ion                                     | The Quality of Surface Waters in the<br>Suha Hydrographic Basin<br>(Oriental Carpathian Mountains)                                          | REVISTA DE CHIMIE                                                   | 0.810 | 2 | 4.050  |
| 35 | Negoîtescu Arina,<br>Ostoia Daniel, Tokar<br>Adriana, Hamat<br>Codruța | Study On the Treatment of Exhaust Gases<br>at Diesel Engines with the Purpose of<br>Reducing the Emissions of Nitrogen<br>Oxides | Bretotean Camelia Pinca,<br>Lemle Ludovic Dan, Szabo<br>Alexandru                                                                                      | Ecological Composites Materials for<br>Brake Pads Using Shells as Filler<br>Material                                                        | MATERIALE PLASTICE                                                  | 1.517 | 4 | 3.793  |

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|----|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------|---|--------|
| 36 | Negoîtescu Arina, Ostoia Daniel, Tokar Adriana, Hamat Codruța | Study On the Treatment of Exhaust Gases at Diesel Engines with the Purpose of Reducing the Emissions of Nitrogen Oxides | Stroe Constantin-Cristian, PPanaiteescu Valeriu Nicolae, Ragazzi Marco, Rada Elena Cristina, Ionescu Gabriela                             | Some Considerations on the Environmental Impact of Highway Traffic                                               | REVISTA DE CHIMIE                        | 0.810 | 4 | 2.025  |
| 37 | Mihon Liviu, Ostoia Daniel, Negoîtescu Arina, Tokar Adriana   | Simulation of Vehicle's Powertrain for Performances Evaluation                                                          | Savu Ionel Danut, Savu Sorin Vasile, Simion Dalia, Sirbu Nicusor-Alin, Ciornei Mirela, Ratiu Sorin Aurel                                  | PP in 3D Printing - Technical and Economic Aspects                                                               | MATERIALE PLASTICE                       | 1.517 | 4 | 3.793  |
| 38 | Mihon Liviu, Ostoia Daniel, Negoîtescu Arina, Tokar Adriana   | Simulation of Vehicle's Powertrain for Performances Evaluation                                                          | Bretotean Camelia Pinca, Lemle Ludovic Dan, Szabo Alexandru                                                                               | Ecological Composites Materials for Brake Pads Using Shells as Filler Material                                   | MATERIALE PLASTICE                       | 1.517 | 4 | 3.793  |
| 39 | Mihon Liviu, Negoîtescu Arina, Tokar Adriana, Ostoia Daniel   | Tyre Quality Influence on Fuel Consumption for Motor Vehicles                                                           | Ratiu Sorin Aurel, Zgaverdea Alina Corina                                                                                                 | The Potential of Using Bio Plastic Materials in Automotive Applications                                          | MATERIALE PLASTICE                       | 1.517 | 4 | 3.793  |
| 40 | Mihon Liviu, Negoîtescu Arina, Tokar Adriana, Ostoia Daniel   | Tyre Quality Influence on Fuel Consumption for Motor Vehicles                                                           | Bretotean Camelia Pinca, Lemle Ludovic Dan, Szabo Alexandru                                                                               | Ecological Composites Materials for Brake Pads Using Shells as Filler Material                                   | MATERIALE PLASTICE                       | 1.517 | 4 | 3.793  |
| 41 | Tokar Adriana, Negoîtescu Arina, Mihon Liviu                  | Studies Regarding the CO2 Recovery from the Atmosphere                                                                  | Cindea Lenuta, Hatiegan Cornel, Pop Nicolina, Negrea Romeo, Raduca Eugen, Gillich Gilbert Rainer, Danut Mosteanu, Nedeloni Marian-Dumitru | The influence of thermal field in the electric arc welding of X60 carbon steel components in the CO2 environment | APPLIED THERMAL ENGINEERING              | 3.444 | 3 | 11.480 |
| 42 | Ostoia Daniel, Negoîtescu Arina, Tokar Adriana                | The Wearing Out Compensation of Diesel Engines Combustion Chambers by Modern Systems Implementation                     | Ratiu Sorin Aurel, Zgaverdea Alina Corina                                                                                                 | The Potential of Using Bio Plastic Materials in Automotive Applications                                          | MATERIALE PLASTICE                       | 1.517 | 3 | 5.057  |
| 43 | Ostoia Daniel, Negoîtescu Arina, Tokar Adriana                | The Wearing Out Compensation of Diesel Engines Combustion Chambers by Modern Systems Implementation                     | Bretotean Camelia Pinca, Lemle Ludovic Dan, Szabo Alexandru                                                                               | Ecological Composites Materials for Brake Pads Using Shells as Filler Material                                   | MATERIALE PLASTICE                       | 1.517 | 3 | 5.057  |
| 44 | Negoîtescu Arina, Tokar Adriana                               | Opacity analysis and estimation of CO2 exhausted by a diesel engine vehicle running under urban traffic conditions      | Benmouna A., Becherif M., Depernet D., Dépature C., Boulon L                                                                              | Nonlinear control and optimization of hybrid electrical vehicle under sources limitation constraints             | International Journal of Hydrogen Energy | 5.816 | 2 | 29.080 |
| 45 | Negoîtescu Arina, Tokar Adriana                               | Opacity analysis and estimation of CO2 exhausted by a diesel engine vehicle running under urban traffic conditions      | Benmouna A., Becherif M.                                                                                                                  | Combined passivity based control and optimal control for energy management of fuel cell/battery hybrid system    | Asian Journal of Control                 | 2.779 | 2 | 13.895 |

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|----|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------|-------|---|-------|
| 46 | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra-Maria | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit | Cornelia Laura Salcianu, Cristian Ghera, Sebastian Titus Duma, Daniela Alexa, Ilare Bordeasu, Alin Sirbu, Corneliu Eusebiu Podoleanu, Liviu-Daniel Dan Pirvulescu, Dumitru Viorel Bazavan, Anton Hadar, Gabriel Malaimare Lavinia Madalina Micu | New Results Regarding the Cavitation Destruction Behavior of Heat-Treated CuSn12-C Bronze with Different Parameters | Advanced Materials Research | 0.500 | 4 | 1.250 |
|----|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------|-------|---|-------|

### 3.1.2 Citări in volumele conferintelor ISI

| Nr. Crt | Autorii lucrării citate                                     | Titlul lucrării citate                                                                           | Autorii lucrării care citează                          | Titlul lucrării care citează                                                                                                  | Proceeding Conferinta ISI in care a aparut lucrarea care citează                                                                                       | Nr autori ai articolului citat | Indicator realizat |
|---------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------|
|         |                                                             |                                                                                                  |                                                        |                                                                                                                               |                                                                                                                                                        |                                | 12.50              |
| 1       | Foriș Diana, Tokar Dănuț, Tokar Adriana, Foriș Tiberiu      | Sustainable Rural Development Through Improving Water Supply in Mountain Huts                    | Popa-Albu Simona, Pisleaga Mihaela, Tenchea Adrian     | Reducing Water Losses for Sustainable Urban Development                                                                       | IOP Conference Series-Materials Science and Engineering - 4TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE&URBAN PLANNING SYMPOSIUM - WMCAUS | 4                              | 0.625              |
| 2       | Tokar Adriana, Negoitescu Arina, Hamat Codruța, Roșu Șerban | The chemical and ecological state evaluation of a storage lake                                   | Mihaela Pisleaga, Codruta Badaluta-Minda, Gabriel Eles | Analyze of the Runoff in Gilort Watershed                                                                                     | IOP Conference Series-Materials Science and Engineering - 4TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE&URBAN PLANNING SYMPOSIUM - WMCAUS | 4                              | 0.625              |
| 3       | Tokar Adriana, Negoitescu Arina, Hamat Codruța, Roșu Șerban | The chemical and ecological state evaluation of a storage lake                                   | Ghindaoanu Vasile Bogdan, Hutanu Elena, Urzica, Andrei | THE GIS MODELING OF THE TERRAIN FAVORABILITY FOR THE PLACEMENT OF CONSTRUCTIONS IN THE AREAS WITH HYDRO&GEOMORPHOLOGICAL RISK | 4TH INTERNATIONAL SCIENTIFIC CONFERENCE GEOBALCANICA 2018 - Book Series: International Scientific Conference Geobalcanica Proceedings                  | 4                              | 0.625              |
| 4       | Tokar Adriana, Negoitescu Arina, Hamat Codruța, Roșu Șerban | The chemical and ecological state evaluation of a storage lake                                   | Paveluc Larisa, Cojoc Gianina, Tirnovan Alina          | THE WATER RESOURCES IN THE TREBES-NEGEL HYDROGRAPHIC BASIN (ROMANIA)                                                          | 4TH INTERNATIONAL SCIENTIFIC CONFERENCE GEOBALCANICA 2018 - Book Series: International Scientific Conference Geobalcanica Proceedings                  | 4                              | 0.625              |
| 5       | Tokar Adriana, Negoitescu Arina                             | Researches on the Chemical Indicators of Discharged Water, Treated by Mechano-biological Methods | Popa-Albu Simona, Pisleaga Mihaela, Tenchea Adrian     | Reducing Water Losses for Sustainable Urban Development                                                                       | IOP Conference Series-Materials Science and Engineering - 4TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE&URBAN PLANNING SYMPOSIUM - WMCAUS | 2                              | 1.250              |

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|----|------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|
| 6  | Negoîtescu Arina,<br>Tokar Adriana                   | Water Disinfection and the Implementation of Modern Technologies at Potable Water Treatment Station | Popa-Albu Simona,<br>Pisleaga Mihaela,<br>Tenchea Adrian                                         | Reducing Water Losses for Sustainable Urban Development                                                                                                    | IOP Conference Series-Materials Science and Engineering - 4TH WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE&URBAN PLANNING SYMPOSIUM - WMCAUS | 2 | 1.250 |
| 7  | Negoîtescu Arina,<br>Tokar Adriana,<br>Hamat Codruța | The influence of the air thermal and rainfall regimes on storage lakes water turbidity              | Hatiegan C., Raduca E., Popescu C.,<br>Hamat C.O., Bara A.,<br>Anghel D., Pirsan D.A             | Experimental measurements concerning the stator insulation partial discharge level of a hydro-generator of high power                                      | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017                               | 3 | 0.833 |
| 8  | Negoîtescu Arina,<br>Tokar Adriana,<br>Hamat Codruța | The influence of the air thermal and rainfall regimes on storage lakes water turbidity              | Hatiegan C., Gillich N., Popescu C.,<br>Răduca E., Cindea L.,<br>Predus M.F.,<br>Terfăloagă I.M. | Study regarding the influence of environmental temperature and irradiation conditions on the performance of a photovoltaic solar module                    | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017                               | 3 | 0.833 |
| 9  | Ostoia Daniel,<br>Negoîtescu Arina,<br>Tokar Adriana | The Wearing Out Compensation of Diesel Engines Combustion Chambers by Modern Systems Implementation | Blyankinshtein I.,<br>Voevodin E., Ruban A                                                       | Techniques of adjusting opacity estimates of the diesel exhaust gases                                                                                      | Annals of DAAAM and Proceedings of the International DAAAM Symposium                                                                                   | 3 | 0.833 |
| 10 | Sârbu Ioan, Tokar Adriana                            | Numerical modelling of high-temperature radiant panel heating system for an industrial hall         | Borisov B. V.,<br>Vyatkin A. V.,<br>Maksimov V. I.,<br>Nagornova T. A.                           | Thermal conditions of a heat supply object with local heat supply to the working zone from a gas infrared emitter under mixed convection conditions        | AIP Conference Proceedings, 2021                                                                                                                       | 2 | 1.250 |
| 11 | Sârbu Ioan, Tokar Adriana                            | Numerical modelling of high-temperature radiant panel heating system for an industrial hall         | Borisov B. V.,<br>Vyatkin A. V.,<br>Maksimov V. I.,<br>Nagornova T. A.                           | Numerical analysis of supply and exhaust ventilation influence on the thermal conditions of local working zones under radiant heating conditions           | AIP Conference Proceedings, 2021                                                                                                                       | 2 | 1.250 |
| 12 | Sârbu Ioan, Tokar Adriana                            | Numerical modelling of high-temperature radiant panel heating system for an industrial hall         | Voloshko Ivan V.,<br>Nagornova Tatiana A.,<br>Maksimov Vyacheslav I.                             | Experimental study of temperature distributions over the heat supply object surface located at a different height in a room with a working infrared heater | AIP Conference Proceedings, 2021                                                                                                                       | 2 | 1.250 |
| 13 | Sârbu Ioan, Tokar Adriana                            | Numerical modelling of high-temperature radiant panel heating system for an industrial hall         | Vyatkin Alexander V.,<br>Kuznetsov G. V.,<br>Maksimov Vyacheslav,<br>Nagornova T. A.             | Temperature fields of local working zones of large-sized industrial premises with sources of radiant local heating under conditions of mixed convection    | AIP Conference Proceedings, 2022                                                                                                                       | 2 | 1.250 |

### 3.1.3 Citări in reviste BDI

| Nr. Crt | Autorii lucrării citate                                     | Titlul lucrării citate                                                                      | Autorii lucrării care citează                                       | Titlul lucrării care citează                                                                                                                                                  | Revista / Proceeding BDI in care a aparut lucrarea care citează                                                      | Baza de Date (BDI) | Nr autori ai articolului citat | Indicator realizat |
|---------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|--------------------|
| 12.17   |                                                             |                                                                                             |                                                                     |                                                                                                                                                                               |                                                                                                                      |                    |                                |                    |
| 1       | Sârbu Ioan, Tokar Adriana                                   | Numerical modelling of high-temperature radiant panel heating system for an industrial hall | Denis Chikurtev, Veneta Yosifova, Milena Haralampieva, Rosen Petrov | Development and evaluation of an energy-efficient intelligent infrared heating system for industrial buildings                                                                | Journal of Energy Systems                                                                                            | SCOPUS             | 2                              | 1.00               |
| 2       | Sârbu Ioan, Tokar Adriana                                   | Numerical modelling of high-temperature radiant panel heating system for an industrial hall | Maksimov VI, Nagornova TA, Kurilenko NI, Voloshko IV                | ADVANTAGE ANALYSIS OF SYSTEMS FOR ENSURING LOCAL WORKING ZONES<br>THERMAL CONDITIONS BASED ON GAS INFRARED EMITTERS IN COMPARISON WITH TRADITIONAL CONVECTIVE HEATING SYSTEMS | BULLETIN OF THE TOMSK POLYTECHNIC UNIVERSITY-GEO ASSETS ENGINEERING                                                  | SCOPUS             | 2                              | 1.00               |
| 3       | Sârbu Ioan, Tokar Adriana                                   | Numerical modelling of high-temperature radiant panel heating system for an industrial hall | Dudkiewicz Edyta, Fidorow-Kaprawy, Natalia                          | Hybrid Domestic Hot Water System Performance in Industrial Hall                                                                                                               | RESOURCES-BASEL                                                                                                      | SCOPUS             | 2                              | 1.00               |
| 4       | Negoîtescu Arina, Tokar Adriana, Hamat Codruța              | The influence of the air thermal and rainfall regimes on storage lakes water turbidity      | Foris D., Pleșca M                                                  | Sustainable tourism through the protection of sweet water resources in mountain area                                                                                          | Bulletin of the Transilvania University of Brasov, Series II: Forestry, Wood Industry, Agricultural Food Engineering | SCOPUS             | 3                              | 0.67               |
| 5       | Tokar Adriana, Negoîtescu Arina, Hamat Codruța, Roșu Șerban | The chemical and ecological state evaluation of a storage lake                              | Paveluc Larisa Elena, Cojoc Gianina Maria, Tirnovan Alina           | Monitoring and Management of Water in the Siret River Basin (Romania)                                                                                                         | SPRINGER WATER                                                                                                       | SCOPUS             | 4                              | 0.50               |



|    |                                                                      |                                                                                                                                |                                                                   |                                                                                                                       |                                                                                                                               |        |   |      |
|----|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|---|------|
| 6  | Tokar Adriana,<br>Negoitescu Arina,<br>Hamat Codruța,<br>Roșu Șerban | The chemical and ecological<br>state evaluation of a storage<br>lake                                                           | Romanescu G.,<br>Stoleriu C.C., Miha-<br>Pintilie A.              | Implementation of EU Water<br>Framework Directive (2000/60/EC) in<br>Romania—European Qualitative<br>Requirements     | SPRINGER WATER                                                                                                                | SCOPUS | 4 | 0.50 |
| 7  | Tokar Adriana,<br>Negoitescu Arina,<br>Hamat Codruța,<br>Roșu Șerban | The chemical and ecological<br>state evaluation of a storage<br>lake                                                           | Romanescu G., Miha-<br>Pintilie A., Trifanov<br>C., Stoleriu C.C. | The variations of physico-chemical<br>parameters during summer in Lake<br>Erenciuc from the Danube<br>Delta (Romania) | Limnological Review                                                                                                           | SCOPUS | 4 | 0.50 |
| 8  | Tokar Adriana,<br>Negoitescu Arina,<br>Hamat Codruța,<br>Roșu Șerban | The chemical and ecological<br>state evaluation of a storage<br>lake                                                           | Foris D., Pleșca M                                                | Sustainable tourism through the<br>protection of sweet water resources<br>in mountain area                            | Bulletin of the Transilvania<br>University of Brasov, Series II:<br>Forestry, Wood Industry,<br>Agricultural Food Engineering | SCOPUS | 4 | 0.50 |
| 9  | Negoitescu Arina,<br>Tokar Adriana                                   | Investigation on Car<br>Emmissions Under the Urban<br>Traffic Conditions with the<br>Influence on Timisoara Air<br>Quality     | Meszaros F., Torok<br>A.                                          | Theoretical investigation of emission<br>and delay based intersection<br>controlling and synchronizing in<br>Budapest | Periodica Polytechnica<br>Transportation Engineering                                                                          | SCOPUS | 2 | 1.00 |
| 10 | Negoitescu Arina,<br>Tokar Adriana                                   | Investigation on Car<br>Emmissions Under the Urban<br>Traffic Conditions with the<br>Influence on Timisoara Air<br>Quality     | Seo Y., Kim S.-M.                                                 | Estimation of greenhouse gas<br>emissions from road traffic: A case<br>study in Korea                                 | Renewable and Sustainable<br>Energy Reviews                                                                                   | SCOPUS | 2 | 1.00 |
| 11 | Negoitescu Arina,<br>Tokar Adriana                                   | Opacity analysis and estimation<br>of CO2 exhausted by a diesel<br>engine vehicle running under<br>urban<br>traffic conditions | Soroka B., Zgurskyi<br>V.                                         | Updating the modern techniques of<br>radiative heat transfer calculation<br>within fuel furnaces and boilers          | WSEAS Transactions on Heat and<br>Mass Transfer                                                                               | SCOPUS | 2 | 1.00 |
| 12 | Negoitescu Arina,<br>Tokar Adriana                                   | Water Disinfection and the<br>Implementation of Modern<br>Technologies at Potable Water<br>Treatment Station                   | Foris D., Pleșca M                                                | Sustainable tourism through the<br>protection of sweet water resources<br>in mountain area                            | Bulletin of the Transilvania<br>University of Brasov, Series II:<br>Forestry, Wood Industry,<br>Agricultural Food Engineering | SCOPUS | 2 | 1.00 |
| 13 | Negoitescu Arina,<br>Tokar Adriana                                   | Efficiency and economy<br>solutions regarding the<br>industrial buildings heating                                              | Noro M., Mancin S.,<br>Cerboni F.                                 | High Efficiency Hybrid Radiant and<br>Heat Pump Heating Plants for<br>Industrial Buildings: An Energy<br>Analysis     | International Journal of Heat and<br>Technology                                                                               | SCOPUS | 2 | 1.00 |
| 14 | Tokar Dănuț, Foriș<br>Diana, Tokar<br>Adriana, Foriș<br>Tiberiu      | Sustainable Development of<br>Disadvantaged Regions by<br>Renewable Energy Sources<br>Integration                              | Mohammad Adnan<br>Aftab                                           | Contribution of Renewable Energy<br>and Sustainable Development in<br>Sweden                                          | International Journal of<br>Engineering Research and<br>Technology                                                            | SCOPUS | 4 | 0.50 |

|    |                                                                    |                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                     |                                      |        |   |      |
|----|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------|---|------|
| 15 | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra-Maria | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit | Cornelia Laura Salcianu, Cristian Ghera, Sebastian Titus Duma, Daniela Alexa, Ilare Bordeasu, Alin Sirbu, Corneliu Eusebiu Podoleanu, Liviu-Daniel Dan Pirvulescu, Dumitru Viorel Bazavan, Anton Hadar, Gabriel Malaimare Lavinia Madalina Micu | New Results Regarding the Cavitation Destruction Behavior of Heat-Treated CuSn12-C Bronze with Different Parameters | Advanced Materials Research          | SCOPUS | 4 | 0.50 |
| 16 | Tokar Danut, Stroita Catalin, Tokar Adriana, Rusen Alexandra-Maria | Hybrid System that Integrates the Lost Energy Recovery on the Water-Water Heat Pump Exhaust Circuit | Micu L. M., Bordeasu I., Dionisie I., Ghiban B., Gubencu D.                                                                                                                                                                                     | Influence of aging heat treatment at 180 °C on cavitation erosion for aluminum alloy type 5083 in cold rolled state | Journal of Physics Conference Series | SCOPUS | 4 | 0.50 |

### 3.1.4 Citări in volumele conferintelor BDI

| Nr. Crt | Autorii lucrării citate                                              | Titlul lucrării citate                                                                                                  | Autorii lucrării care citează                                                           | Titlul lucrării care citează                                                                                                            | Revista / Proceeding in care a aparut lucrarea care citează                                                              | Baza de date - BDI | Nr autori ai articolului citat | Indicator realizat |
|---------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|--------------------|
|         |                                                                      |                                                                                                                         |                                                                                         |                                                                                                                                         |                                                                                                                          |                    |                                | 1.50               |
| 1       | Negoîtescu Arina,<br>Tokar Adriana,<br>Hamat Codruța                 | The influence of the air thermal and rainfall regimes on storage lakes water turbidity                                  | Hatiegan C., Raduca E., Popescu C., Hamat C.O., Bara A., Anghel D., Pirsan D.A          | Experimental measurements concerning the stator insulation partial discharge level of a hydrogenerator of high power                    | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017 | SCOPUS             | 3                              | 0.333              |
| 2       | Negoîtescu Arina,<br>Tokar Adriana,<br>Hamat Codruța                 | The influence of the air thermal and rainfall regimes on storage lakes water turbidity                                  | Hatiegan C., Gillich N., Popescu C., Răduca E., Cindea L., Predus M.F., Terfăloagă I.M. | Study regarding the influence of environmental temperature and irradiation conditions on the performance of a photovoltaic solar module | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017 | SCOPUS             | 3                              | 0.333              |
| 3       | Tokar Adriana,<br>Negoîtescu Arina,<br>Hamat Codruța,<br>Roșu Șerban | The chemical and ecological state evaluation of a storage lake                                                          | Hatiegan C., Raduca E., Popescu C., Hamat C.O., Bara A., Anghel D., Pirsan D.A          | Experimental measurements concerning the stator insulation partial discharge level of a hydrogenerator of high power                    | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017 | SCOPUS             | 4                              | 0.250              |
| 4       | Tokar Adriana,<br>Negoîtescu Arina,<br>Hamat Codruța,<br>Roșu Șerban | The chemical and ecological state evaluation of a storage lake                                                          | Hatiegan C., Gillich N., Popescu C., Răduca E., Cindea L., Predus M.F., Terfăloagă I.M. | Study regarding the influence of environmental temperature and irradiation conditions on the performance of a photovoltaic solar module | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017 | SCOPUS             | 4                              | 0.250              |
| 5       | TOKAR ADRIANA,<br>NEGOITESCU ARINA,<br>ADAM MARIUS                   | RESEARCH ON MECHANICAL STRENGTH OF TECHNOLOGICAL FLUID STORAGE TANK MADE OF POLYESTER RESIN REINFORCED WITH FIBER GLASS | Hatiegan C., Raduca E., Popescu C., Hamat C.O., Bara A., Anghel D., Pirsan D.A          | Experimental measurements concerning the stator insulation partial discharge level of a hydrogenerator of high power                    | IOP Conference Series: Materials Science and Engineering - International Conference on Applied Sciences 2017, ICAS 22017 | SCOPUS             | 3                              | 0.333              |
|         |                                                                      |                                                                                                                         |                                                                                         |                                                                                                                                         |                                                                                                                          |                    |                                |                    |

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### 3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv Erasmus)

#### 3.2.1 Internationale

| Nr. Crt | Manifestarea                                                                                                                                                                                             | Anul Luna Locul                                   | Indicator realizat |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------|
|         |                                                                                                                                                                                                          |                                                   | 70.00              |
| 1       | 54th International HVAC&R Congress and Exhibition - Extending the prosumer concept by integrating photovoltaic panels and heat pumps for thermal and electrical energy production                        | 2023, DECEMBRIE, BELGRAD, SERBIA                  | 10.00              |
| 2       | HIC 2022, 14th International Conference on Hydroinformatics - Reducing Operating Costs in District Heating Systems by Optimizing Functional Parameters. Comparative Studies                              | 2022, IULIE, BUCUREȘTI-online, ROMÂNIA            | 10.00              |
| 3       | 53 KGH, 17TH INTERNATIONAL HVAC & R CONGRESS AND EXHIBITION - Contributions to the Passive House. Concept trough the usage of photovoltaics blinds                                                       | 2022, DECEMBRIE, BELGRAD, SERBIA                  | 10.00              |
| 4       | ITC 19, XI International Tourism Congress - ITC'19 - Proceedings of International Congress 2019 – A New Dimension on Sustainability of Tourism Destinations: The "Green Water" Program                   | 2019, NOVEMBER, FUNCHAL, MADEIRA ISLAND, PORTUGAL | 10.00              |
| 5       | SGEM 2018, 5th International Multidisciplinary Scientific Conference on Social Sciences & Arts - Influence of Programs with European Funding on the Market of Continuous Professional Trening in Romania | 2018,AUGUST, ALBENA, BULGARIA                     | 10.00              |

|   |                                                                                                                                                                                                                                         |                               |       |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|
| 6 | ESRD 2019, 20th International Scientific Conference, Proceedings of the 2019 International Conference -Economic Science for Rural Development- Sustainable Development of Disadvantaged Regions by Renewable Energy Sources Integration | 2018,AUGUST, ALBENA, BULGARIA | 10.00 |
| 7 | SGEM 2017, 4th International Multidisciplinary Scientific Conference on Social Sciences & Arts - The Vulnerability of Insolated Communities and Buildings Regarding of the Utilitties Access                                            | 2017,MAY, JELGAVA, LATVIA     | 10.00 |
|   |                                                                                                                                                                                                                                         |                               |       |
|   |                                                                                                                                                                                                                                         |                               |       |

### 3.2.2 Nationale

| Nr. Crt | Manifestarea                                                                                                                                                                                                     | Anul Luna Locul         | Indicator realizat |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------|
|         |                                                                                                                                                                                                                  |                         | 45.00              |
| 1       | AIIR - Conferinta națională a Asociației Inginerilor de Instalații din România -The role of thermography in the energy assessment of buildings                                                                   | 2026 Aprilie, TIMIȘOARA | 5.00               |
| 2       | AIIR - Conferinta națională a Asociației Inginerilor de Instalații din România -Energy sources for district heating systems. Transition from 1st to 5th Generation                                               | 2026 Aprilie, TIMIȘOARA | 5.00               |
| 3       | AIIR - Conferinta națională a Asociației Inginerilor de Instalații din România -Proposals to energy efficiency cooling processes and hot water preparation in buildings located near surface water sources       | 2026 Mai, TIMIȘOARA     | 5.00               |
| 4       | AIIR - Conferinta națională a Asociației Inginerilor de Instalații din România -Stocarea energiei, o necesitate pentru un sistem energetic cu emisii reduse de CO2                                               | 2023 Octombrie, BRAȘOV  | 5.00               |
| 5       | AIIR - Conferinta cu participare internationala "Instalații pentru Construcții și Economia de Energie"-Modernizarea sistemului de termoficare din Timișoara prin integrarea SRE în puncte termice. Studiu de caz | 2023 Iulie, IAȘI        | 5.00               |

|   |                                                                                                                                                                                                                               |                          |      |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| 6 | AIIR - Conferinta cu participare internationala "Instalații pentru Construcții și Economia de Energie"-Integrarea pompelor de căldură aer-apă în scopul reabilitării termice a clădirilor de birouri existente. Studiu de caz | 2023 Iulie, IAȘI         | 5.00 |
| 7 | AIIR - Conferinta cu participare internationala "Știința Modernă și Energia" - Soluții de eficientizare energetică a sistemului de termoficare din Timișoara. Studii de caz                                                   | 2023 Mai, CLUJ           | 5.00 |
| 8 | AIIR - Conferinta cu participare internationala "Știința Modernă și Energia"- Propuneri de stocare a energiei în medii naturale                                                                                               | 2022 Noiembrie, CLUJ     | 5.00 |
| 9 | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental"-Dezvoltarea sistemelor de transport gaze naturale                                                                        | 2014, Aprilie, TIMISOARA | 5.00 |

**3.3 Membru in colectivele de redactie sau comitetele stiintifice si manifestarilor stiintifice, organizator de manif stiintifice , recenzor pentru reviste si manifestari stiintifice nationale si internationale**

**3.3.1 Reviste și manifestări științifice ISI**

| Nr. Crt       | Rolul                 | Revista / Conferința | Anul | Indicator realizat |
|---------------|-----------------------|----------------------|------|--------------------|
| <b>330.00</b> |                       |                      |      |                    |
| 1             | Recenzor              | Eng                  | 2026 | 10                 |
| 2             | Recenzor              | Buildings            | 2026 | 10                 |
| 3             | Recenzor              | Energies             | 2026 | 10                 |
| 4             | Membru Reviewer Board | Energies             | 2026 | 10                 |
| 5             | Recenzor              | Materials            | 2026 | 10                 |
| 6             | Recenzor              | Processes            | 2026 | 10                 |
| 7             | Recenzor              | Energies             | 2025 | 10                 |
| 8             | Membru Reviewer Board | Energies             | 2025 | 10                 |
| 9             | Recenzor              | Crystals             | 2025 | 10                 |
| 10            | Recenzor              | Frontiers            | 2025 | 10                 |
| 11            | Recenzor              | Processes            | 2025 | 10                 |
| 12            | Recenzor              | Sensors              | 2025 | 10                 |
| 13            | Recenzor              | Sustainability       | 2025 | 10                 |
| 14            | Recenzor              | Buildings            | 2024 | 10                 |
| 15            | Recenzor              | Energies             | 2024 | 10                 |
| 16            | Membru Reviewer Board | Energies             | 2024 | 10                 |
| 17            | Recenzor              | Processes            | 2024 | 10                 |
| 18            | Recenzor              | Sustainability       | 2024 | 10                 |
| 19            | Recenzor              | Electronics          | 2024 | 10                 |
| 20            | Recenzor              | Buildings            | 2023 | 10                 |
| 21            | Recenzor              | Sustainability       | 2023 | 10                 |
| 22            | Recenzor              | Frontiers            | 2023 | 10                 |
| 23            | Recenzor              | Energies             | 2022 | 10                 |
| 24            | Recenzor              | Atmosphere           | 2022 | 10                 |



|    |                       |                                             |      |    |
|----|-----------------------|---------------------------------------------|------|----|
| 25 | Recenzor              | Sustainability                              | 2022 | 10 |
| 26 | Recenzor              | Buildings                                   | 2022 | 10 |
| 27 | Membru Reviewer Board | Energies                                    | 2022 | 10 |
| 28 | Recenzor              | Materials                                   | 2021 | 10 |
| 29 | Recenzor              | Energies                                    | 2021 | 10 |
| 30 | Recenzor              | Sustainability                              | 2021 | 10 |
| 31 | Recenzor              | Processes                                   | 2020 | 10 |
| 32 | Recenzor              | Energies                                    | 2020 | 10 |
| 33 | Recenzor              | Journal of civil engineering and management | 2010 | 10 |
|    |                       |                                             |      |    |

### 3.3.2 Reviste și manifestări științifice BDI

| Nr. Crt | Rolul | Revista / Conferința | Anul | Indicator realizat |
|---------|-------|----------------------|------|--------------------|
|         |       |                      |      | 84.00              |

|    |                                |                                                                                                                                                      |      |      |
|----|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
| 1  | Recenzor                       | Frontiers (DOAJ)                                                                                                                                     | 2026 | 6.00 |
| 2  | Recenzor                       | 2nd International Conference on Chemical, Energy Science and Environmental (Scopus, DOAJ, EBSCO, ProQuest)                                           | 2024 | 6.00 |
| 3  | Recenzor                       | Applied Sciences (EBSCO, DOAJ)                                                                                                                       | 2024 | 6.00 |
| 4  | Membru în comitetul științific | International Conference on Management, Tourism and Technologie, Bogotá, Colombia (SCOPUS)..                                                         | 2023 | 6.00 |
| 5  | Recenzor                       | The 5th International Workshop on Environment and Geoscience, Jul 16, 2022 - Jul 18, Qingdao, China (Scopus)                                         | 2022 | 6.00 |
| 6  | Recenzor                       | Second International Virtual Conference On Multidisciplinary Research 2020, Walnut, USA                                                              | 2020 | 6.00 |
| 7  | Recenzor                       | Journal of Environmental Science and Water Resources                                                                                                 | 2015 | 6.00 |
| 8  | Recenzor                       | Advancement in Scientific and Engineering Research                                                                                                   | 2013 | 6.00 |
| 9  | Recenzor                       | International Scholars Journals                                                                                                                      | 2013 | 6.00 |
| 10 | Recenzor                       | Journal of Engineering and Technology Research                                                                                                       | 2011 | 6.00 |
| 11 | Recenzor                       | Advances in Science, Technology and Engineering Systems Journal                                                                                      | 2018 | 6.00 |
| 12 | Recenzor                       | The Second International Conference on Energy Engineering and Environmental Protection will be held on November 20-22, 2017 in Sanya, China (Scopus) | 2017 | 6.00 |
| 13 | Recenzor                       | Advances in Science, Technology and Engineering Systems Journal                                                                                      | 2017 | 6.00 |

|    |          |                                                                                                                                                                                                                                   |      |      |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
| 14 | Recenzor | 5th International Vilnius Conference, EURO-MINI Conference "Knowledge-Based technologies and OR Methodologies for Strategic Decisions of Sustainable Development" (KORS-D-2009), September 30-October 3, 2009, Vilnius, Lithuania | 2009 | 6.00 |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|

### 3.3.3 Conferinte nationale si internationale neindexate

| Nr. Crt | Rolul                          | Revista / Conferința                                                                                                      | Anul | Indicator realizat |
|---------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|------|--------------------|
|         |                                |                                                                                                                           |      | 120.00             |
| 1       | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2026 | 4.00               |
| 2       | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2026 | 4.00               |
| 3       | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2026 | 4.00               |
| 4       | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2025 | 4.00               |
| 5       | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2025 | 4.00               |
| 6       | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2025 | 4.00               |
| 7       | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2024 | 4.00               |
| 8       | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2024 | 4.00               |

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|----|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|------|------|
| 9  | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2024 | 4.00 |
| 10 | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2023 | 4.00 |
| 11 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2023 | 4.00 |
| 12 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2023 | 4.00 |
| 13 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Brașov, România.    | 2022 | 4.00 |
| 14 | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2022 | 4.00 |
| 15 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2022 | 4.00 |
| 16 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2020 | 4.00 |
| 17 | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2020 | 4.00 |
| 18 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2020 | 4.00 |
| 19 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2019 | 4.00 |
| 20 | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2019 | 4.00 |
| 21 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2019 | 4.00 |

|    |                                |                                                                                                                           |      |      |
|----|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|------|------|
| 22 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2018 | 4.00 |
| 23 | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2018 | 4.00 |
| 24 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2018 | 4.00 |
| 25 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2017 | 4.00 |
| 26 | Recenzor                       | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2017 | 4.00 |
| 27 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2016 | 4.00 |
| 28 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2016 | 4.00 |
| 29 | Organizator                    | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2015 | 4.00 |
| 30 | Membru în comitetul științific | AIIR - Conferinta cu participare internationala "Instalatii pentru constructii si confort ambiental", Timișoara, România. | 2015 | 4.00 |
|    |                                |                                                                                                                           |      |      |

### 3.4 Experienta de management

#### 3.4.1 Conducere

| Nr. Crt | Pozitia / nivelul | Perioada | Nr ani | Indicator realizat |
|---------|-------------------|----------|--------|--------------------|
|         |                   |          |        | 0.00               |
| 0       |                   |          |        | 0                  |
|         |                   |          |        |                    |

#### 3.4.2 Membru

| Nr. Crt | Pozitia / nivelul                                                           | Perioada  | Nr ani | Indicator realizat |
|---------|-----------------------------------------------------------------------------|-----------|--------|--------------------|
|         |                                                                             |           |        | 118.00             |
| 1       | Consiliul Departamentului                                                   | 2017-2026 | 9      | 18                 |
| 2       | Biroul Consiliului Departamentului                                          | 2017-2026 | 9      | 18                 |
| 3       | Consiliul Facultății                                                        | 2017-2026 | 9      | 18                 |
| 4       | Biroul Consiliului Facultății                                               | 2020-2026 | 6      | 12                 |
| 5       | Comisia de marketing educațional                                            | 2025-2026 | 2      | 4                  |
| 6       | Comisia de curriculum-uri și syllabus-uri                                   | 2025-2026 | 2      | 4                  |
| 7       | Comisia pentru probleme studențești                                         | 2025-2026 | 2      | 4                  |
| 8       | Senat                                                                       | 2020-2026 | 6      | 12                 |
| 9       | Comisia pentru Resurse Umane a Senatului UPT                                | 2020-2024 | 4      | 8                  |
| 10      | Comisia pentru Infrastructură și Resurse Materiale a Senatului UPT          | 2020-2024 | 4      | 8                  |
| 11      | Comisia pentru Resurse Umane și Dezvoltarea Carierei profesionale           | 2024-2026 | 2      | 4                  |
| 12      | Comisia pentru cercetare științifică, inovare și transfer tehnologic        | 2024-2026 | 2      | 4                  |
| 13      | Comisia pentru patrimoniu, investiții, resurse materiale și sustenabilitate | 2024-2026 | 2      | 4                  |