

## 10 lucrări științifice relevante

1. **Bocan Cătălina**, „An “old” and new elements special joint for concrete prefabricated panel blocks” 2nd International Conference on Protection of Historical Constructions PROHITECH, Antalia, Turcia, 2014, ISBN 978-975-518-361-9, p. 877-882. ....pag. 2
2. **Bocan Cătălina**, Bocan Dragoș, „Urban and thermal rehabilitation for concrete prefabricated panel apartment blocks - student ideas”, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, WOS:000491484600032, ISI Proceedings, ISBN 978-88-87729-49-8, 2018, -, p. 185-190. ....pag. 10
3. Bocan Dragoș, **Bocan Cătălina**, Keller Alexandra, RILEM Bookseries (RILEM Bookseries, volume 18), SAHC 2018 Cusco, Structural Analysis of Historical Constructions, „Possibilities of Using Fiber Reinforced Mortar and Textile Reinforced Mortar for Strengthening Masonry Columns in Rehabilitation Projects”, DOI: 10.1007/978-3-319-99441-3\_177, Springer, Cham, ISBN 978-3-319-99440-6, 2019, 2518 pag., p. 1651-1660. ....pag. 18
4. **Bocan Cătălina**, Bocan Dragoș, Keller Alexandra, „Effects of Current Sunlight Exposure Regulations on New Housing”, IOP Conference Series-Materials Science and Engineering 3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS Praga), DOI10.1088/1757-899X/471/8/082056, WOS:000465811804001, ISI Proceedings, ISBN 17578981, 2019, vol. 471, issue 8, 10 pag. ....pag. 34
5. Dragoș Bocan, Alexandra Keller, **Cătălina Bocan**, Iasmina Apostol, Marius Mosoarca, „Potential Results of Using Current Thermal Rehabilitation Techniques on a City Block of Timisoara and their Structural Strengthening Opportunities”, IOP Conference Series-Materials Science and Engineering 3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS Praga), DOI10.1088/1757-899X/471/8/082056, WOS: 000465811802088, ISI Proceedings, ISBN 17578981, 2019, vol. 471, issue 6, 7 pag. ....pag. 46
6. **Bocan Cătălina**, Bocan Dragoș, Keller Alexandra, „Energy efficiency study applied on a monumental building”, Structures and Architecture-Bridging the Gap and Crossing Borders: Proceedings of the Fourth International Conference on Structures and Architecture (ICSA 2019, Lisabona), WOS:000670758600035, ISI Proceedings, ISBN 978-1-315-22912-6, 2019, vol. 1, p. 288-295 ....pag. 56
7. Bocan Dragoș, **Bocan Cătălina**, Keller Alexandra, „Adaptation of a monument building for accessibility of disabled persons, a case study”, Structures and Architecture-Bridging the Gap and Crossing Borders: Proceedings of the Fourth International Conference on Structures and Architecture (ICSA 2019, Lisabona), WOS:000670758600066, ISI Proceedings, ISBN 978-1-315-22912-6, 2019, vol. 1, p. 556-562. ....pag. 66
8. **Bocan Cătălina**, Bocan Dragoș, Truta Mihnea, RILEM Bookseries (RILEM, volume 47), „The Rehabilitation and Extension of the Old Arad’s Casino—Case Study” SAHC 2023 Kyoto, International Conference on Structural Analysis of Historical Constructions, DOI: 10.1007/978-3-031-39603-8\_37, Springer, Cham, ISBN 978-3-031-39449-22023, 1451 pag., p. 449-462. ....pag. 75
9. Bocan Dragoș, **Bocan Cătălina**, Keller Alexandra, Gruin Aurelian, „Analysis of Thermal Rehabilitation and Seismic Strengthening Solutions Suitable for Heritage Structures”, Journal of Sustainability, 2024, 16(13), 5369 Section Green Building, <https://doi.org/10.3390/su16135369>, 2024, vol. 16(13), 17 pag. ....pag. 88
10. **Bocan Cătălina**, Bocan Dragoș, Keller Alexandra, PROHITECH 2025 Napoli, Protection of Historical Constructions, volume 2, „Brutalist University Building Energy Refurbishment – Case Study” 5th International Conference, WOS:001484831500063, DOI10.1007/978-3-031-87316-4\_63, ISI Proceedings, Springer, Cham, ISBN 978-3-031-87315-7, 2025, 606 pag., p. 521-528 ....pag. 106