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▼ Publications List

Conferences:

1. Yunitsyna, A. (2014): Universal Space in Dwelling – the Room for All Living Needs. Proceedings of the 2nd International Conference on Architecture & Urban Design organized by Epoka University, Tirana, Albania, May 2014.
2. Yunitsyna, A. (2012): Universal Space in Dwelling and Methods of Its Spatial, Functional and Structural Analysis. Proceedings of the Tirana Architecture Week, 1st international conference of architecture organized by Polis University, Tirana, Albania, October 2012.
3. Yunitsyna, A. (2012): Grid as an instrument of creating of the universal space in dwelling. Proceedings of the 1st International Conference on Architecture & Urban Design organized by Epoka University, Tirana, Albania, April 2012.
4. Yunitsyna, A. (2015): Housing, Climate and Economy – the regional influences on the European housing space standards. International Conference with Exhibition “ENVIRONMENT AND ARCHITECTURE” S.ARCH, Budva, Montenegro, 19-20 May 2015.
5. Yunitsyna, A. (2015): Universal Housing – Evaluation Of The Spatial Qualities Of Apartments In Albania. International Conference with Exhibition “ENVIRONMENT AND ARCHITECTURE” S.ARCH, Budva, Montenegro, 19-20 May 2015.
6. Yunitsyna, A., Shtepani, E. (2016): Urban Shape and Energy Performance: Evaluation of the Typical Urban Structures of Prague. 3rd International Balkans Conference on Challenges of Civil Engineering, 3-BCCCE, organized by Epoka University, Tirana, Albania, 19-21 May 2016.
7. Dervishi, I., Yunitsyna, A. (2016): Accessibility in Housing Design: A Critical Review of Prefabricated Housing, Tirana Albania. 3rd International Balkans Conference on Challenges of Civil Engineering, 3-BCCCE, organized by Epoka University, Tirana, Albania, 19-21 May 2016.
8. Yunitsyna, A., Shtepani, E. (2016): Urban Pattern Geometry and Its Potential Energy Efficiency. The 3rd International Conference with Exhibition “NEXT ARCHITECTURE” S.ARCH 2016, Budva, Montenegro, 25-27 May 2016.
9. Yunitsyna, A. (2016): Vernacular Flexibility: The Concept And Strategy Of Adaptable Development Of The Unfinished Inhabited Self-Built Dwellings In Albania. 41st IAHS WORLD CONGRESS Sustainability and Innovation for the Future, Albufeira, Algarve, Portugal, 13-16th September 2016
10. Shehu, M., Yunitsyna, A., (2017): Generative computational tools for the design of urban morphology. ECAADE 2017 Educational and research in Computer Aided Architectural Design in Europe, Rome, Italy, 20-22 September 2017.

11. Shtepani, E., Yunitsyna, A., (2017): Energy Efficiency in the Urban Scale: Case Study – Prague, Czech Republic. ISUF 2017 XXIV international conference: City and territory in the globalization age, Valencia, Spain, 27-29 September 2017.
12. Dokaj R., Yunitsyna, A., (2017): Palaces of Culture: Architectural Heritage of the Communist Period in Albania. DOCONF 2017 Facing Post-War Urban Heritage in Central and Eastern Europe, Budapest, Hungary, 6-7 October 2017.
13. Xhaferaj G., Yunitsyna, A., (2017): Preservation of communist industrial heritage: adaptation of NSHRAK factory into multifunctional space. 1st International Forum on Architecture and Urbanism, Tirana, Albania, 14-16 December 2017.
14. Azizaj s., Yunitsyna, A., (2019): Flexibility as a tool towards improvement of existing housing design in Tirana. Archdesign'19 /VI International Design Conference, Athens, Greece, March 2019.
15. Osmani I., Yunitsyna, A., (2019): Infill Design in Informal Housing in Tirana, Albania: Transformations and Spatial qualities. The 3rd ICAUD International Conference in Architecture and Urban Design Epoka University, Tirana, Albania, 24-26 October 2019.
16. Krosi E., Yunitsyna, A., (2019): Space Syntax Analysis as a Tool for Evaluation of Social and Cultural Values of Albanian Housing - Case Study of Tirana. The 3rd ICAUD International Conference in Architecture and Urban Design Epoka University, Tirana, Albania, 24-26 October 2019.
17. Yunitsyna, A., (2019): Dynamic of Changes of Residential Spaces during the Post-Communist Period in Albania. Proceedings of the 3rd ICAUD International Conference in Architecture and Urban Design Epoka University, Tirana, Albania, 24-26 October 2019.
18. Yunitsyna, A., Lika, L., (2020): Paper Folding Bio-Kinetic Façade: Application of Bat Wing Inspired Façade Design to the Building of Mediterranean University in Tirana, Albania. Proceedings of the 4th International Balkans Conference on Challenges of Civil Engineering, 4-BCCCE, Epoka University, Tirana, Albania, 18-19 December 2020
19. Yunitsyna, A., Hasanbashaj, M., (2021): Analysis of the Waterfront Transformation of the 'Plazh' Area of the City of Durres, Albania. Proceedings of the International Conference on Advanced Engineering, Technology and Applications (ICAETA), Istanbul, Turkey, 9-11 July 2021
20. Dauti, K., Yunitsyna, A., (2021): Optimization of Natural Light in Educational Buildings Through a Parametric Design Approach, Considering the Students' Visual and Thermal Comfort: a Case Study in Tirana, Albania. The 4th ICAUD International Conference in Architecture and Urban Design 'NEW & OLD NORMALITY POST 2020', Epoka University, Tirana, Albania, 24-26 November 2021.
21. Yunitsyna, A., Marino, M., Tagliaro, C., Smejkal, K., Shtepani, E., (2021): Prototyping a Coworking Space in the Post-Covid Era. The 4th ICAUD International Conference in Architecture and Urban Design 'NEW & OLD NORMALITY POST 2020', Epoka University, Tirana, Albania, 24-26 November 2021.
22. Yunitsyna, A., Fallanaj. N., (2021): Building Post-Covid Zero Net Energy Shelters with Shipping Containers. The 4th ICAUD International Conference in Architecture and Urban Design 'NEW & OLD NORMALITY POST 2020', Epoka University, Tirana, Albania, 24-26 November 2021.

23. Yunitsyna, A., Laci, A., (2021): Potential Benefits of Application of Green Roofs on Buildings of Communist Period: Tirana Case Study. The 5th 5International Conference on Green Urbanism (GU), Sapienza University, Rome,Italy, 6-7 December 2021
24. Naselli, F., Yunitsyna, A., Gambardella, C. and Sapio, V. (2022) housing answer to emergency in migrations: a study on current state of the art. Beyond all Limits 2022, Hybrid International Conference on Sustainability in Architecture, Planning, and Design, Caserta, Italy, 11-13 May, 2022
25. Yunitsyna, A., Shtepani, E., Raça, A. (2022): "Villa Moissi" - It's Influence in Modernist and Postmodernist Architecture - a Mediterranean Circle. INTERNATIONAL CONGRESS ON NATURAL, HEALTH SCIENCES AND TECHNOLOGY, Tetova, North Macedonia, 18-19 May, 2022
26. Shtepani E., Yunitsyna A. (2023). Application of 3D Printing for the Parametric Models Fabrication in the Architectural Education. Proceedings of 1ST ICFAR 2023, 18-21 February 2023, Konya, Türkiye
27. Cenaj A., Yunitsyna A. (2023). Design Method Automation for Detached House Layout Optimization. Proceedings of Challenges in the Western Balkans: Infrastructure and Development in the Region International Conference 2023, 29-30 March 2023, Tirana, Albania
28. Shtepani E., Yunitsyna A. (2023). Universality of Housing Design: The Case of Prague, Czech Republic. Proceedings of Challenges in the Western Balkans: Infrastructure and Development in the Region International Conference 2023, 29-30 March 2023, Tirana, Albania
29. Yunitsyna, A., Ibro. E., (2023): Spatial Transformation of Dwellings during the Last 50 Years in Berat, Albania. The 5th ICAUD International Conference in Architecture and Urban Design, Epoka University, Tirana, Albania, 16-18 November 2023.

Book co-editor:

1. Yunitsyna A., Hysa A., Manahasa E., Naselli F., Manahasa O.D., Dervishi S. (eds) (2021): Current Challenges in Architecture and Urbanism in Albania. The Urban Book Series. Springer, Cham. <https://link.springer.com/book/10.1007/978-3-030-81919-4>
2. Manahasa, E., Naselli, F., Yunitsyna, A. (eds) COVID-19 (Forced) Innovations. The Urban Book Series. Springer, Cham. <https://link.springer.com/book/10.1007/978-3-031-56607-3>

Book chapters:

1. Hasa E., Yunitsyna A. (2021) Space Syntax Analysis as a Tool for Evaluation of Social and Cultural Values of Albanian Housing—Case Study of Tirana. In: Yunitsyna A., Hysa A., Manahasa E., Naselli F., Manahasa O.D., Dervishi S. (eds) Current Challenges in Architecture and Urbanism in Albania. The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-030-81919-4_12
2. Dervishi I.O., Yunitsyna A. (2021) Infill Design in Informal Housing in Tirana, Albania: Transformations and Spatial Qualities. In: Yunitsyna A., Hysa A., Manahasa E., Naselli F., Manahasa O.D., Dervishi S. (eds) Current Challenges in Architecture and Urbanism in Albania. The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-030-81919-4_9

3. Hysa A., Manahasa O.D., Naselli F., Manahasa E., Yunitsyna A., Dervishi S. (2021) Introducing the Architectural, Urban, and Landscape Challenges of Albania. In: Yunitsyna A., Hysa A., Manahasa E., Naselli F., Manahasa O.D., Dervishi S. (eds) Current Challenges in Architecture and Urbanism in Albania. The Urban Book Series. Springer, Cham.
https://doi.org/10.1007/978-3-030-81919-4_1
4. Hysa D., Yunitsyna A. (2022) An Overview of Accountability as a Competence in Higher Education. In: Hysa E and Foote, R. (eds) New Perspectives on Using Accreditation to Improve Higher Education. IGI Global DOI: 10.4018/978-1-6684-5195-3 <https://www.igi-global.com/chapter/an-overview-of-accountability-as-a-competence-in-higher-education/310029>
5. Yunitsyna A., Laçi A (2023) Potential Benefits of Application of Green Roofs on Buildings of Communist Period: Tirana Case Study. In: Pisello, A.L., Pigliautile, I., Lau, S.S.Y., Clark, N.M. (eds) Building Resilient and Healthy Cities: A Guide to Environmental Sustainability and Well-being. HERL 2022. Advances in Science, Technology & Innovation. Springer, Cham.
https://doi.org/10.1007/978-3-031-33863-2_16
6. Manahasa E., Yunitsyna A., Manahasa O.D. (2023) Three Mass Housing Typologies in Socialist Period Tirana In: Rodrigues, I. L., Shach-Pinsly, D., Tsiambaos, K., Korobar, V. (eds) European Middle-Class Mass Housing: Past and Present of the Modern Community. Iscte-IUL, Lisbon
7. Yunitsyna, A., Fallanaj, N. (2024). Building Post-Covid Zero-Net Energy Shelters with Shipping Containers. In: Manahasa, E., Naselli, F., Yunitsyna, A. (eds) COVID-19 (Forced) Innovations. The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-031-56607-3_11
8. Yunitsyna, A., Di Marino, M., Tagliaro, C., Smejkal, K., Shtepani, E. (2024). Prototyping a Peripheral Coworking Space in the Post-Covid Era: Proposal for an Architectural Competition. In: Manahasa, E., Naselli, F., Yunitsyna, A. (eds) COVID-19 (Forced) Innovations. The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-031-56607-3_12

Journal publications

1. Yunitsyna, A. (2015): Flexibilni bydleni. Vyzkum ceskyh proektu. ASB - architektura, stavebnictví, byznys magazine. (Architecture, development and construction magazine), Czech Republic
2. Yunitsyna, A. (2015): Universal Housing – Evaluation of the Spatial Qualities of Apartments in Albania. International Journal of Contemporary Architecture "The New ARCH" Vol. 2, No. 2 2015. Get It Published Verlag
3. Yunitsyna, A. (2016): Housing, Climate and Economy – the regional influences on the European housing space standards. International Journal of Contemporary Architecture "The New ARCH" Vol. 3, No. 1 2016. Get It Published Verlag
4. Yunitsyna, A., Shtepani, E. (2016): Optimization of the Urban Pattern Using the Galapagos Evolutionary Solver. Journal of Civil Engineering and Architecture Research, Vol. 3, No. 8, Aug. 2016, Ethan Publishing Company
5. Vrusho B., Yunitsyna, A. (2016): Space syntax analysis in the Albanian dwellings. SCIRES-IT - SCientific REsearch and Information Technology, Vol. 6, No. 1, 2016, CASPUR-CIBER Publishing - Pubblicazioni ecosostenibili **Scopus 1.4**

6. Yunitsyna, A. (2016): Universality in Contemporary Czech Housing Architecture. *Journal of European Academic Research*, Vol. 1, No. 12 2016. JEAR-EU
7. Yunitsyna, A., Shtepani, E. (2017): Urban Pattern Geometry and Its Potential Energy Efficiency. *International Journal of Contemporary Architecture "The New ARCH"* Vol. 4, No. 1 2017. Get It Published Verlag
8. Yunitsyna, A., Behri, D. (2021): Adaptable Minimal Living Space for Students: A Case Study of the State Dormitory and Private Rented Rooms in the Students' City of Tirana, Albania. *Metropolitan Journal of Science Engineering and Architecture*, 3 (1), pp. 1-15
9. Yunitsyna, A. (2022): Evaluation of contemporary housing in Tirana using space syntax visibility graphs. *Journal of the Housing and the Built Environment*. **2.033 IF** <https://doi.org/10.1007/s10901-022-09964-y>
10. Yunitsyna A., Shtepani E. (2022): Investigating the Socio-Spatial Relations of the Built Environment Using the Space Syntax Analysis – a Case Study of Tirana City. *Cities*, **6.077 IF** <https://doi.org/10.1016/j.cities.2022.104147>
11. Yunitsyna A., Toska, A. (2023) EVALUATION OF THE VISUAL COMFORT AND DAYLIGHT PERFORMANCE OF THE VISUAL ART CLASSROOMS *Journal of Daylighting*, **Scopus 3.7** <https://dx.doi.org/10.15627/jd.2023.9>
12. Shtepani E., Yunitsyna A. (2023) EVALUATION OF THE SPATIAL QUALITY OF APARTMENTS FROM DIFFERENT PRICE CATEGORIES USING THE VISIBILITY GRAPH ANALYSIS: A CASE OF TIRANA, ALBANIA *International Journal of Real Estate Studies* <https://doi.org/10.11113/intrest.v17n1.268>
13. Bici, A., Yunitsyna, A. (2023) ANALYSIS OF 3D PRINTING TECHNIQUES FOR BUILDING CONSTRUCTION: A REVIEW. *Construction Robotics* <https://doi.org/10.1007/s41693-023-00108-4>
14. Yunitsyna, A., Sadrija, I. (2023). Energy performance-based retrofit of apartment buildings in Albania using mass-housing typologies as case studies. *Architecture and Engineering*, No 3 (8), pp. 60-76. **Scopus 2.3** <http://dx.doi.org/10.23968/2500-0055-2023-8-3-60-76>
15. Yunitsyna, A., Bici, A. (2024) SUSTAINABLE SMALL-SCALE HOUSING CONSTRUCTION USING 3D PRINTING: EVALUATION OF BUILDING PROTOTYPES. *Sustainable Development, Culture, Traditions*, DOI: 10.26341/issn.2241-4002-2024-2a-1-T02030