

Silvia Vilcekova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

311
citations

10
h-index

16
g-index

51
ext. papers

409
ext. citations

2.2
avg, IF

3.84
L-index

#	Paper	IF	Citations
44	An Extensive Study for a Wide Utilization of Green Architecture Parameters in Built Environment Based on Genetic Schemes. <i>Buildings</i> , 2021 , 11, 507	3.2	2
43	Life Cycle Assessment and Economic Energy Efficiency of a Solar Thermal Installation in a Family House. <i>Sustainability</i> , 2021 , 13, 2305	3.6	4
42	Towards an Adaptation of Efficient Passive Design for Thermal Comfort Buildings. <i>Sustainability</i> , 2021 , 13, 9570	3.6	4
41	Sustainable Construction - Environmental Impacts Assessment of Architectural Elements and Building Services. <i>International Journal of Engineering Research in Africa</i> , 2020 , 47, 77-83	0.7	1
40	A Multicriteria Methodology to Select the Best Installation of Solar Thermal Power in a Family House. <i>Energies</i> , 2020 , 13, 1047	3.1	5
39	Environmental impacts assessment for conversion of an old mill building into a modern apartment building through reconstruction. <i>Building and Environment</i> , 2020 , 172, 106734	6.5	6
38	Indoor and Outdoor Measurements of Particulate Matter Concentrations: A Case Study Kořte-Sever, Slovakia. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2020 , 15, 77-88	0.3	
37	Lifecycle and economical study of selected thermal solar installations. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2020 , 15, 95-102	0.3	
36	The impact of interior construction on the indoor environmental quality. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2020 , 15, 103-112	0.3	
35	Influence of Indoor Climate on Employees in Office Buildings - A Case Study. <i>Sustainability</i> , 2020 , 12, 5569	3.6	10
34	Evaluation of Family Houses in Slovakia Using a Building Environmental Assessment System. <i>Sustainability</i> , 2020 , 12, 6524	3.6	3
33	Life Cycle Assessment and Indoor Environmental Quality of Wooden Family Houses. <i>Sustainability</i> , 2020 , 12, 10557	3.6	3
32	Thermo-Hygral and Environmental Evaluation of Chosen Parts of an Ultra-Low-Energy Family Houses. <i>Applied Mechanics and Materials</i> , 2019 , 887, 393-400	0.3	
31	Hybrid Multi-Functional Buildings for Sustainable Development of Rural Areas. <i>Applied Mechanics and Materials</i> , 2019 , 887, 311-318	0.3	1
30	Life Cycle Analysis of Single Family Houses and Effects of Green Technologies on Environment. <i>Proceedings (mdpi)</i> , 2019 , 16, 19	0.3	1
29	Verification of building environmental assessment system for houses. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2019 , 14, 55-66	0.3	
28	Environmental impact analysis of five family houses in Eastern Slovakia through a life cycle assessment. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2019 , 14, 81-92	0.3	1

27	Investigation of a Ventilation System for Energy Efficiency and Indoor Environmental Quality in a Renovated Historical Building: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
26	Investigation of CO production depending on physical activity of students. <i>International Journal of Environmental Health Research</i> , 2019 , 29, 31-44	3.6	18
25	The real and subjective indoor environmental quality in schools. <i>International Journal of Environmental Health Research</i> , 2018 , 28, 102-123	3.6	17
24	Monitoring of indoor air quality in Macedonian homes during summer season. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2018 , 13, 7-14	0.3	
23	Evaluation of Material Compositions of Sloping Roofs from Environmental and Energy Perspectives. <i>Springer Proceedings in Energy</i> , 2018 , 168-178	0.2	
22	Methodological Evaluation of Family House with Different Thermo-Physical Parameters of Building Materials. <i>Proceedings (mdpi)</i> , 2018 , 2, 1277	0.3	
21	Interlinked Sustainability Aspects of Low-Rise Residential Family House Development in Slovakia. <i>Sustainability</i> , 2018 , 10, 3966	3.6	5
20	Environmental Impacts of Detached Family Houses Used Natural Building Materials. <i>Proceedings (mdpi)</i> , 2018 , 2, 1301	0.3	2
19	Indoor environmental quality of classrooms and occupants' comfort in a special education school in Slovak Republic. <i>Building and Environment</i> , 2017 , 120, 29-40	6.5	59
18	Analyzing Embodied Energy, Global Warming and Acidification Potentials of Materials in Residential Buildings. <i>Procedia Engineering</i> , 2017 , 180, 1675-1683		13
17	Investigation of Indoor Environment Quality in Classroom - Case Study. <i>Procedia Engineering</i> , 2017 , 190, 496-503		16
16	Investigation of Indoor Air Quality in Houses of Macedonia. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	16
15	Factors Effecting the Total Volatile Organic Compound (TVOC) Concentrations in Slovak Households. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	20
14	Determination of VOCs in the Indoor Air of a New and a Renovated Apartment. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2016 , 11, 107-118	0.3	0
13	Sustainability Assessment of Family House. <i>Energy Procedia</i> , 2016 , 96, 551-559	2.3	5
12	Investigation of Particulate Matters of the University Classroom in Slovakia. <i>Energy Procedia</i> , 2016 , 96, 620-627	2.3	5
11	Analysis of material solutions for design of construction details of foundation, wall and floor for energy and environmental impacts. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 1323-1332	4.3	18
10	Assessing the effect of indoor environmental quality on productivity at office work. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2015 , 10, 37-46	0.3	5

9	Comparison of Environmental and Energy Performance of Exterior Walls. <i>Energy Procedia</i> , 2015 , 78, 231-236	2.3	9
8	Sustainable Building Assessment Tool in Slovakia. <i>Energy Procedia</i> , 2015 , 78, 1829-1834	2.3	9
7	Measuring of Outdoor and Indoor Particulate Matter Concentrations in Village of Jasov. <i>Solid State Phenomena</i> , 2015 , 244, 182-187	0.4	1
6	Energy and Environmental Evaluation of Non-Transparent Constructions of Building Envelope for Wooden Houses. <i>Energies</i> , 2015 , 8, 11047-11075	3.1	16
5	Multi-criteria analysis of building assessment regarding energy performance using a life-cycle approach. <i>International Journal of Energy and Environmental Engineering</i> , 2014 , 5, 1	4	9
4	Energy performance indicators developing. <i>Energy Procedia</i> , 2012 , 14, 1175-1180	2.3	7
3	Environmental Assessment of Building Materials and Constructions. <i>Applied Mechanics and Materials</i> , 2012 , 174-177, 3161-3165	0.3	
2	Indoor Nitrogen Oxides 2011 ,		2
1	Determining the Ventilation Rate inside an Apartment House on the Basis of Measured Carbon Dioxide Concentrations (Case Study)		12