

Silvia Vilcekova

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

504
citations

687363

13
h-index

713466

21
g-index

51
all docs

51
docs citations

51
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.9	94
2	Investigation of CO ₂ production depending on physical activity of students. <i>International Journal of Environmental Health Research</i> , 2019, 29, 31-44.	2.7	31
3	Investigation of Indoor Air Quality in Houses of Macedonia. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 37.	2.6	29
4	Factors Effecting the Total Volatile Organic Compound (TVOC) Concentrations in Slovak Households. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1443.	2.6	28
5	Investigation of Indoor Environment Quality in Classroom - Case Study. <i>Procedia Engineering</i> , 2017, 190, 496-503.	1.2	27
6	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.	4.1	25
7	The real and subjective indoor environmental quality in schools. <i>International Journal of Environmental Health Research</i> , 2018, 28, 102-123.	2.7	23
8	Influence of Indoor Climate on Employees in Office Buildings – A Case Study. <i>Sustainability</i> , 2020, 12, 5569.	3.2	21
9	Energy and Environmental Evaluation of Non-Transparent Constructions of Building Envelope for Wooden Houses. <i>Energies</i> , 2015, 8, 11047-11075.	3.1	20
10	Analyzing Embodied Energy, Global Warming and Acidification Potentials of Materials in Residential Buildings. <i>Procedia Engineering</i> , 2017, 180, 1675-1683.	1.2	18
11	Determining the Ventilation Rate inside an Apartment House on the Basis of Measured Carbon Dioxide Concentrations – Case Study. , 0, , .		17
12	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, 4133.	2.6	14
13	Towards an Adaptation of Efficient Passive Design for Thermal Comfort Buildings. <i>Sustainability</i> , 2021, 13, 9570.	3.2	14
14	Sustainable Building Assessment Tool in Slovakia. <i>Energy Procedia</i> , 2015, 78, 1829-1834.	1.8	13
15	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.	6.9	13
16	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.	2.5	12
17	Comparison of Environmental and Energy Performance of Exterior Walls. <i>Energy Procedia</i> , 2015, 78, 231-236.	1.8	12
18	Life Cycle Assessment and Economic Energy Efficiency of a Solar Thermal Installation in a Family House. <i>Sustainability</i> , 2021, 13, 2305.	3.2	11

#	ARTICLE	IF	CITATIONS
19	An Extensive Study for a Wide Utilization of Green Architecture Parameters in Built Environment Based on Genetic Schemes. Buildings, 2021, 11, 507.	3.1	10
20	Energy performance indicators developing. Energy Procedia, 2012, 14, 1175-1180.	1.8	9
21	Assessing the effect of indoor environmental quality on productivity at office work. Selected Scientific Papers: Journal of Civil Engineering, 2015, 10, 37-46.	0.1	7
22	Investigation of Particulate Matters of the University Classroom in Slovakia. Energy Procedia, 2016, 96, 620-627.	1.8	7
23	Life Cycle Assessment and Indoor Environmental Quality of Wooden Family Houses. Sustainability, 2020, 12, 10557.	3.2	7
24	A Multicriteria Methodology to Select the Best Installation of Solar Thermal Power in a Family House. Energies, 2020, 13, 1047.	3.1	7
25	Indoor Nitrogen Oxides. , 0, , .		5
26	Sustainability Assessment of Family House. Energy Procedia, 2016, 96, 551-559.	1.8	5
27	Interlinked Sustainability Aspects of Low-Rise Residential Family House Development in Slovakia. Sustainability, 2018, 10, 3966.	3.2	5
28	Environmental Impacts of Detached Family Houses Used Natural Building Materials. Proceedings (mdpi), 2018, 2, 1301.	0.2	3
29	Life Cycle Analysis of Single Family Houses and Effects of Green Technologies on Environment. Proceedings (mdpi), 2019, 16, .	0.2	3
30	Evaluation of Family Houses in Slovakia Using a Building Environmental Assessment System. Sustainability, 2020, 12, 6524.	3.2	3
31	Environmental Assessment of Building Materials and Constructions. Applied Mechanics and Materials, 0, 174-177, 3161-3165.	0.2	2
32	Hybrid Multi-Functional Buildings for Sustainable Development of Rural Areas. Applied Mechanics and Materials, 2019, 887, 311-318.	0.2	2
33	Determination of VOCs in the Indoor Air of a New and a Renovated Apartment. Selected Scientific Papers: Journal of Civil Engineering, 2016, 11, 107-118.	0.1	2
34	Environmental impact analysis of five family houses in Eastern Slovakia through a life cycle assessment. Selected Scientific Papers: Journal of Civil Engineering, 2019, 14, 81-92.	0.1	2
35	Measuring of Outdoor and Indoor Particulate Matter Concentrations in Village of Jasov. Solid State Phenomena, 2015, 244, 182-187.	0.3	1
36	Sustainable Construction - Environmental Impacts Assessment of Architectural Elements and Building Services. International Journal of Engineering Research in Africa, 2020, 47, 77-83.	0.7	1

#	ARTICLE	IF	CITATIONS
37	MULTI-CRITERIA ANALYSIS OF BUILDING ENVIRONMENTAL ASSESSMENT REGARDING BUILDING MATERIALS AND STRUCTURES. , 2011, , .		1
38	Methodological Evaluation of Family House with Different Thermo-Physical Parameters of Building Materials. Proceedings (mdpi), 2018, 2, 1277.	0.2	0
39	Thermo-Hygral and Environmental Evaluation of Chosen Parts of an Ultra-Low-Energy Family Houses. Applied Mechanics and Materials, 2019, 887, 393-400.	0.2	0
40	PRODUCTIVITY AND INDOOR ENVIRONMENTAL QUALITY IN OFFICES. , 2011, , .		0
41	INDOOR AIR POLLUTION CAUSED BY VOLATILE ORGANIC COMPOUNDS. , 2011, , .		0
42	Short-term Measurements of Indoor Environmental Quality in Selected Offices â€“ Case Study. , 0, , .		0
43	Possibilities of Green Technologies Application in Building Design from Sustainability Dimensions. , 0, , .		0
44	Environmental and Energy Assessment of a Family House. , 0, , .		0
45	Evaluation of Material Compositions of Sloping Roofs from Environmental and Energy Perspectives. Springer Proceedings in Energy, 2018, , 168-178.	0.3	0
46	Monitoring of indoor air quality in Macedonian homes during summer season. Selected Scientific Papers: Journal of Civil Engineering, 2018, 13, 7-14.	0.1	0
47	Verification of building environmental assessment system for houses. Selected Scientific Papers: Journal of Civil Engineering, 2019, 14, 55-66.	0.1	0
48	Lifecycle and economical study of selected thermal solar installations. Selected Scientific Papers: Journal of Civil Engineering, 2020, 15, 95-102.	0.1	0
49	The impact of interior construction on the indoor environmental quality. Selected Scientific Papers: Journal of Civil Engineering, 2020, 15, 103-112.	0.1	0
50	LIFE CYCLE ASSESSMENT AND SHORT-TERM MEASUREMENTS OF INDOOR ENVIRONMENTAL QUALITY OF A WOODEN FAMILY HOUSE. , 0, , .		0
51	Indoor and Outdoor Measurements of Particulate Matter Concentrations: A Case Study KoÅ¡ice-Sever, Slovakia. Selected Scientific Papers: Journal of Civil Engineering, 2020, 15, 77-88.	0.1	0