

# 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	Life Cycle Assessment and Economic Energy Efficiency of a Solar Thermal Installation in a Family House. Sustainability, 2021, 13, 2305.	3.2	11
2	Towards an Adaptation of Efficient Passive Design for Thermal Comfort Buildings. Sustainability, 2021, 13, 9570.	3.2	14
3	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
4	Influence of Indoor Climate on Employees in Office Buildings – A Case Study. Sustainability, 2020, 12, 5569.	3.2	21
5	Evaluation of Family Houses in Slovakia Using a Building Environmental Assessment System. Sustainability, 2020, 12, 6524.	3.2	3
6	Life Cycle Assessment and Indoor Environmental Quality of Wooden Family Houses. Sustainability, 2020, 12, 10557.	3.2	7
7	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
8	A Multicriteria Methodology to Select the Best Installation of Solar Thermal Power in a Family House. Energies, 2020, 13, 1047.	3.1	7
9	Environmental impacts assessment for conversion of an old mill building into a modern apartment building through reconstruction. Building and Environment, 2020, 172, 106734.	6.9	13
10	Lifecycle and economical study of selected thermal solar installations. Selected Scientific Papers: Journal of Civil Engineering, 2020, 15, 95-102.	0.1	0
11	The impact of interior construction on the indoor environmental quality. Selected Scientific Papers: Journal of Civil Engineering, 2020, 15, 103-112.	0.1	0
12	Indoor and Outdoor Measurements of Particulate Matter Concentrations: A Case Study Košice-Sever, Slovakia. Selected Scientific Papers: Journal of Civil Engineering, 2020, 15, 77-88.	0.1	0
13	Life Cycle Analysis of Single Family Houses and Effects of Green Technologies on Environment. Proceedings (mdpi), 2019, 16, .	0.2	3
14	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
15	Hybrid Multi-Functional Buildings for Sustainable Development of Rural Areas. Applied Mechanics and Materials, 2019, 887, 311-318.	0.2	2
16	Investigation of a Ventilation System for Energy Efficiency and Indoor Environmental Quality in a Renovated Historical Building: A Case Study. International Journal of Environmental Research and Public Health, 2019, 16, 4133.	2.6	14
17	Investigation of CO <sub>2</sub> production depending on physical activity of students. International Journal of Environmental Health Research, 2019, 29, 31-44.	2.7	31
18	Verification of building environmental assessment system for houses. Selected Scientific Papers: Journal of Civil Engineering, 2019, 14, 55-66.	0.1	0

#	ARTICLE	IF	CITATIONS
19	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
20	The real and subjective indoor environmental quality in schools. International Journal of Environmental Health Research, 2018, 28, 102-123.	2.7	23
21	Methodological Evaluation of Family House with Different Thermo-Physical Parameters of Building Materials. Proceedings (mdpi), 2018, 2, 1277.	0.2	0
22	Interlinked Sustainability Aspects of Low-Rise Residential Family House Development in Slovakia. Sustainability, 2018, 10, 3966.	3.2	5
23	Environmental Impacts of Detached Family Houses Used Natural Building Materials. Proceedings (mdpi), 2018, 2, 1301.	0.2	3
24	Evaluation of Material Compositions of Sloping Roofs from Environmental and Energy Perspectives. Springer Proceedings in Energy, 2018, , 168-178.	0.3	0
25	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
26	Indoor environmental quality of classrooms and occupants' comfort in a special education school in Slovak Republic. Building and Environment, 2017, 120, 29-40.	6.9	94
27	Analyzing Embodied Energy, Global Warming and Acidification Potentials of Materials in Residential Buildings. Procedia Engineering, 2017, 180, 1675-1683.	1.2	18
28	Investigation of Indoor Environment Quality in Classroom - Case Study. Procedia Engineering, 2017, 190, 496-503.	1.2	27
29	Investigation of Indoor Air Quality in Houses of Macedonia. International Journal of Environmental Research and Public Health, 2017, 14, 37.	2.6	29
30	Factors Effecting the Total Volatile Organic Compound (TVOC) Concentrations in Slovak Households. International Journal of Environmental Research and Public Health, 2017, 14, 1443.	2.6	28
31	Sustainability Assessment of Family House. Energy Procedia, 2016, 96, 551-559.	1.8	5
32	Investigation of Particulate Matters of the University Classroom in Slovakia. Energy Procedia, 2016, 96, 620-627.	1.8	7
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	Comparison of Environmental and Energy Performance of Exterior Walls. Energy Procedia, 2015, 78, 231-236.	1.8	12
35	Sustainable Building Assessment Tool in Slovakia. Energy Procedia, 2015, 78, 1829-1834.	1.8	13
36	Measuring of Outdoor and Indoor Particulate Matter Concentrations in Village of Jasov. Solid State Phenomena, 2015, 244, 182-187.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Energy and Environmental Evaluation of Non-Transparent Constructions of Building Envelope for Wooden Houses. <i>Energies</i> , 2015, 8, 11047-11075.	3.1	20
38	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
39	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.	0.1	7
40	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
41	Energy performance indicators developing. <i>Energy Procedia</i> , 2012, 14, 1175-1180.	1.8	9
42	MULTI-CRITERIA ANALYSIS OF BUILDING ENVIRONMENTAL ASSESSMENT REGARDING BUILDING MATERIALS AND STRUCTURES. , 2011, , .		1
43	PRODUCTIVITY AND INDOOR ENVIRONMENTAL QUALITY IN OFFICES. , 2011, , .		0
44	INDOOR AIR POLLUTION CAUSED BY VOLATILE ORGANIC COMPOUNDS. , 2011, , .		0
45	Indoor Nitrogen Oxides. , 0, , .		5
46	Environmental Assessment of Building Materials and Constructions. <i>Applied Mechanics and Materials</i> , 0, 174-177, 3161-3165.	0.2	2
47	Determining the Ventilation Rate inside an Apartment House on the Basis of Measured Carbon Dioxide Concentrations â€œ Case Study. , 0, , .		17
48	Short-term Measurements of Indoor Environmental Quality in Selected Offices â€œ Case Study. , 0, , .		0
49	Possibilities of Green Technologies Application in Building Design from Sustainability Dimensions. , 0, , .		0
50	Environmental and Energy Assessment of a Family House. , 0, , .		0
51	LIFE CYCLE ASSESSMENT AND SHORT-TERM MEASUREMENTS OF INDOOR ENVIRONMENTAL QUALITY OF A WOODEN FAMILY HOUSE. , 0, , .		0