

# Tatjana Vilutiene

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

43  
papers

1,084  
citations

15  
h-index

32  
g-index

45  
ext. papers

1,270  
ext. citations

3.8  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
43	How BIM Contributes to a Building's Energy Efficiency throughout Its Whole Life Cycle: Systematic Mapping. <i>Energies</i> , <b>2021</b> , 14, 6680	3.1	0
42	An integrated assessment of the municipal buildings' use including sustainability criteria. <i>Sustainable Cities and Society</i> , <b>2021</b> , 67, 102708	10.1	12
41	Decision Tree and AHP Methods Application for Projects Assessment: A Case Study. <i>Sustainability</i> , <b>2021</b> , 13, 5502	3.6	9
40	ENHANCEMENT OF BID DECISION-MAKING IN CONSTRUCTION PROJECTS: A RELIABILITY ANALYSIS APPROACH. <i>Journal of Civil Engineering and Management</i> , <b>2021</b> , 27, 149-161	3	9
39	Bibliometric analysis of building information modeling, geographic information systems and web environment integration. <i>Automation in Construction</i> , <b>2021</b> , 128, 103757	9.6	11
38	CREATIVE TRANS-BORDER COOPERATION IN THE FIELD OF OPERATIONS RESEARCH AND SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING. <i>Technological and Economic Development of Economy</i> , <b>2021</b> , 27, 1613-1639	4.7	
37	Assessing the Sustainability of Alternative Structural Solutions of a Building: A Case Study. <i>Buildings</i> , <b>2020</b> , 10, 36	3.2	7
36	BIM Application in Infrastructure Projects. <i>Baltic Journal of Road and Bridge Engineering</i> , <b>2020</b> , 15, 74-92	0.9	3
35	Occupancy Prediction Using Differential Evolution Online Sequential Extreme Learning Machine Model. <i>Energies</i> , <b>2020</b> , 13, 4033	3.1	7
34	Building Information Modeling (BIM) for Structural Engineering: A Bibliometric Analysis of the Literature. <i>Advances in Civil Engineering</i> , <b>2019</b> , 2019, 1-19	1.3	19
33	Advanced BIM Applications in the Construction Industry. <i>Advances in Civil Engineering</i> , <b>2019</b> , 2019, 1-3	1.3	6
32	BIM-based process management model for building design and refurbishment. <i>Archives of Civil and Mechanical Engineering</i> , <b>2018</b> , 18, 1136-1149	3.4	13
31	Sustainable Decision-Making in Civil Engineering, Construction and Building Technology. <i>Sustainability</i> , <b>2018</b> , 10, 14	3.6	86
30	Towards Sustainable Renovation: Key Performance Indicators for Quality Monitoring. <i>Sustainability</i> , <b>2018</b> , 10, 1840	3.6	5
29	Analysis of the payback of primary energy and CO2 emissions in relation to the increase of thermal resistance of a building. <i>Energy and Buildings</i> , <b>2018</b> , 179, 39-48	7	15
28	Integrated group fuzzy multi-criteria model: Case of facilities management strategy selection. <i>Expert Systems With Applications</i> , <b>2017</b> , 82, 317-331	7.8	48
27	A method to predict change propagation within building information model. <i>Journal of Civil Engineering and Management</i> , <b>2017</b> , 23, 836-846	3	15

26	Harmonization of cyclical construction processes: a systematic review. <i>Procedia Engineering</i> , <b>2017</b> , 208, 190-202		6
25	Construction solutions for energy efficient single-family house based on its life cycle multi-criteria analysis: a case study. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 532-541	10.3	81
24	Future trends in road pavement technologies development in the context of environmental protection. <i>Baltic Journal of Road and Bridge Engineering</i> , <b>2016</b> , 11, 160-168	0.9	34
23	Importance of occupancy information when simulating energy demand of energy efficient house: A case study. <i>Energy and Buildings</i> , <b>2015</b> , 101, 64-75	7	72
22	Holistic Approach to Assess the Sustainability and Utility of Refurbishment Measures. <i>Procedia Engineering</i> , <b>2015</b> , 122, 137-142		7
21	Innovative Research Projects in the Field of Building Lifecycle Management. <i>Procedia Engineering</i> , <b>2015</b> , 122, 166-171		24
20	Foresight Study of Road Pavement Technologies. <i>Procedia Engineering</i> , <b>2015</b> , 122, 129-136		12
19	DECISION MODEL FOR SELECTION OF MODERNIZATION MEASURES: PUBLIC BUILDING CASE. <i>Journal of Civil Engineering and Management</i> , <b>2015</b> , 22, 124-133	3	17
18	Forecasting the demand for blue-collar workers in the construction sector in 2020: the case of Lithuania. <i>Economic Research-Ekonomska Istrazivanja</i> , <b>2014</b> , 27, 442-462	2.5	0
17	A QUANTITATIVE EVALUATION OF THEORETICAL RENEWABLE ENERGY POTENTIAL OF THE BUILDING SITE. <i>Journal of Civil Engineering and Management</i> , <b>2014</b> , 20, 873-883	3	4
16	Multi-criteria analysis of Projects' performance in construction. <i>Archives of Civil and Mechanical Engineering</i> , <b>2014</b> , 14, 114-121	3.4	74
15	Modelling the Effect of the Domestic Occupancy Profiles on Predicted Energy Demand of the Energy Efficient House. <i>Procedia Engineering</i> , <b>2013</b> , 57, 798-807		33
14	ANALYSIS OF WATERPROOFING DEFECTS AND TECHNOLOGY DEVELOPMENT FOR CAR PARKING ROOFS: LITHUANIAN CASE. <i>Journal of Civil Engineering and Management</i> , <b>2012</b> , 18, 519-529	3	7
13	CONTRACTOR SELECTION FOR CONSTRUCTION WORKS BY APPLYING SAW-G AND TOPSIS GREY TECHNIQUES. <i>Journal of Business Economics and Management</i> , <b>2010</b> , 11, 34-55	2	107
12	THE NEW DEVELOPMENT TREND OF OPERATIONAL RESEARCH IN CIVIL ENGINEERING AND SUSTAINABLE DEVELOPMENT AS A RESULT OF COLLABORATION BETWEEN GERMAN-LITHUANIAN-POLISH SCIENTIFIC TRIANGLE. <i>Journal of Business Economics and Management</i> , <b>2010</b> , 11, 316-340	2	15
11	CONTRACTOR SELECTION FOR CONSTRUCTION WORKS BY APPLYING SAW-G AND TOPSIS GREY TECHNIQUES. <i>Journal of Business Economics and Management</i> , <b>2010</b> , 11, 34-55	2	1
10	MULTICRITERIA EVALUATION OF APARTMENT BLOCKS MAINTENANCE CONTRACTORS: LITHUANIAN CASE STUDY. <i>International Journal of Strategic Property Management</i> , <b>2009</b> , 13, 319-338	1.9	62
9	MULTI-OBJECTIVE CONTRACTOR'S RANKING BY APPLYING THE MOORA METHOD. <i>Journal of Business Economics and Management</i> , <b>2008</b> , 9, 245-255	2	105

8	The model for selection of a maintenance strategy for municipal buildings. <i>International Journal of Environment and Pollution</i> , <b>2008</b> , 35, 219	0.7	9
7	A multiple criteria evaluation of multi-family apartment block's maintenance contractors: Model for maintenance contractor evaluation and the determination of its selection criteria. <i>Building and Environment</i> , <b>2006</b> , 41, 621-632	6.5	114
6	EVALUATION OF VILNIUS SUSTAINABILITY FROM SOCIAL, ECONOMIC AND ENGINEERING-TECHNICAL POINTS OF VIEW USING THE GAME THEORY. <i>Technological and Economic Development of Economy</i> , <b>2005</b> , 11, 134-143	4.7	3
5	THE ANALYSIS OF THE INFLUENCE OF EXTERNAL ENVIRONMENT FACTORS ON THE EFFICIENCY OF MAINTENANCE CONTRACTORS ACTIVITIES. <i>Technological and Economic Development of Economy</i> , <b>2005</b> , 11, 50-58	4.7	1
4	THE ANALYSIS OF CONSTRUCTION COMPANIES DIVERSIFICATION ALTERNATIVES. <i>Technological and Economic Development of Economy</i> , <b>2005</b> , 11, 310-318	4.7	
3	THE APPLICATION OF MULTI-CRITERIA ANALYSIS TO DECISION SUPPORT FOR THE FACILITY MANAGEMENT OF A RESIDENTIAL DISTRICT. <i>Journal of Civil Engineering and Management</i> , <b>2003</b> , 9, 241-252		24
2	THE APPLICATION OF MULTI-CRITERIA ANALYSIS TO DECISION SUPPORT FOR THE FACILITY MANAGEMENT OF A RESIDENTIAL DISTRICT. <i>Journal of Civil Engineering and Management</i> , <b>2003</b> , 9, 241-252		3
1	The analysis of Web technologies for BIM model processing		2