

# Agnieszka LeÅ›niak

## List of Publications by Year in descending order

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55  
papers

796  
citations

516710

16  
h-index

526287

27  
g-index

56  
all docs

56  
docs citations

56  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost Calculation of Construction Projects Including Sustainability Factors Using the Case Based Reasoning (CBR) Method. Sustainability, 2018, 10, 1608.	3.2	73
2	Fuzzy AHP Application for Supporting Contractorsâ€™ Bidding Decision. Symmetry, 2018, 10, 642.	2.2	63
3	Modeling the Decision-Making Process Concerning Participation in Construction Bidding. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	62
4	Construction Delays in Clients Opinion â€“ Multivariate Statistical Analysis. Procedia Engineering, 2015, 123, 182-189.	1.2	51
5	Barriers to BIM Implementation in Architecture, Construction, and Engineering Projectsâ€”The Polish Study. Energies, 2021, 14, 2090.	3.1	46
6	Prediction of site overhead costs with the use of artificial neural network based model. Archives of Civil and Mechanical Engineering, 2018, 18, 973-982.	3.8	42
7	ANN Based Approach for Estimation of Construction Costs of Sports Fields. Complexity, 2018, 2018, 1-11.	1.6	42
8	Scan-to-BIM method in construction: assessment of the 3D buildings model accuracy in terms inventory measurements. Building Research and Information, 2022, 50, 859-880.	3.9	35
9	Modelling Construction Site Cost Index Based on Neural Network Ensembles. Symmetry, 2019, 11, 411.	2.2	30
10	OVERHEAD COSTS AND PROFIT CALCULATION BY POLISH CONTRACTORS. Technological and Economic Development of Economy, 2013, 19, 141-161.	4.6	28
11	Errors in the Preparation of Design Documentation in Public Procurement in Poland. Procedia Engineering, 2014, 85, 283-292.	1.2	28
12	The influence of the building shape on the costs of its construction. Journal of Financial Management of Property and Construction, 2013, 18, 90-102.	1.4	27
13	Ecological Wall Systems as an Element of Sustainable Developmentâ€”Cost Issues. Sustainability, 2018, 10, 2234.	3.2	23
14	Risk Assessment of Additional Works in Railway Construction Investments Using the Bayes Network. Sustainability, 2019, 11, 5388.	3.2	23
15	Design and Build Procurement System â€“ Contractor Selection. Archives of Civil Engineering, 2012, 58, 463-476.	0.7	21
16	Classification of the Bid/No Bid Criteria â€“ Factor Analysis. Archives of Civil Engineering, 2015, 61, 79-90.	0.7	18
17	Built Environment Challenges Due to Climate Change. IOP Conference Series: Earth and Environmental Science, 2020, 609, 012061.	0.3	15
18	Supporting bidding decision using multi-criteria analysis methods. Procedia Engineering, 2017, 208, 76-81.	1.2	14

#	ARTICLE	IF	CITATIONS
19	Multicriteria comparative analysis of pillars strengthening of the historic building. Open Engineering, 2019, 9, 18-25.	1.6	10
20	Interlaboratory Comparative Tests in Ready-Mixed Concrete Quality Assessment. Materials, 2021, 14, 3475.	2.9	10
21	Selection of Façades Finishing Technology for Commercial Building Using Multi-Criteria Analysis. Entrepreneurial Business and Economics Review, 2016, 4, 67-79.	2.2	10
22	Supporting contractors' bidding decision: RBF neural networks application. AIP Conference Proceedings, 2016, , .	0.4	9
23	Structural Analysis of Factors Influencing the Costs of Facade System Implementation. Applied Sciences (Switzerland), 2020, 10, 6021.	2.5	9
24	A Proposal of a Method for Ready-Mixed Concrete Quality Assessment Based on Statistical-Fuzzy Approach. Materials, 2020, 13, 5674.	2.9	9
25	COMPARISON OF TRADITIONAL AND ECOLOGICAL WALL SYSTEMS USING THE AHP METHOD. , 2015, , .		9
26	The application of artificial neural networks in indirect cost estimation. AIP Conference Proceedings, 2013, , .	0.4	8
27	Elements of Pathway for Quick and Reliable Health Monitoring of Concrete Behavior in Cable Post-Tensioned Concrete Girders. Materials, 2021, 14, 1503.	2.9	8
28	Probability estimation of the city's energy efficiency improvement as a result of using the phase change materials in heating networks. Energy, 2021, 228, 120549.	8.8	8
29	Bid assessment with the use of fuzzy sets theory. AIP Conference Proceedings, 2015, , .	0.4	6
30	Analysis of Contractor's Selection Criteria in Railway Projects. Archives of Civil Engineering, 2018, 64, 145-158.	0.7	6
31	Application of multi-criteria analysis method for thermal insulation solutions selection. AIP Conference Proceedings, 2019, , .	0.4	5
32	Causes of delays in construction works resulting from the provisions of the contract in Poland and Slovakia. Scientific Review Engineering and Environmental Sciences, 2018, 27, 71-81.	0.5	5
33	Design and build procurements in the polish public sector. Journal of Public Procurement, 2013, 13, 315-336.	2.0	4
34	Reliability Assessment of Research into Contractors' Bidding Decisions. Procedia Engineering, 2015, 122, 251-257.	1.2	4
35	Construction Time of Three Wall Types Made of Locally Sourced Materials: A Comparative Study. Advances in Materials Science and Engineering, 2018, 2018, 1-8.	1.8	4
36	Modelling Delays in Bridge Construction Projects Based on the Logit and Probit Regression. Archives of Civil Engineering, 2019, 65, 107-120.	0.7	4

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37	Application of the Bayesian Networks in Construction Engineering. Civil and Environmental Engineering Reports, 2020, 30, 221-233.	0.3	4
38	Statistical Methods in Bidding Decision Support for Construction Companies. Applied Sciences (Switzerland), 2021, 11, 5973.	2.5	3
39	Site Overhead Cost Index Prediction Using RBF Neural Networks. DEStech Transactions on Economics Business and Management, 2016, , .	0.0	3
40	Analysis of tender procedure phases parameters for railroad construction works. Open Engineering, 2020, 10, 846-853.	1.6	3
41	Evaluation of selected lightweight curtain wall solutions using multi criteria analysis. AIP Conference Proceedings, 2018, , .	0.4	2
42	Identification of factors shaping tender prices for lightweight. Scientific Review Engineering and Environmental Sciences, 2019, 28, 171-182.	0.5	2
43	Analysis of Errors in Investors' in the Procedure of Obtaining a Building Permit. Civil and Environmental Engineering Reports, 2019, 29, 185-197.	0.3	2
44	THE SIMPLIFIED BIDDING DECISION MODEL BASED ON AHP METHOD IN ORDERING OF INVESTOR'S SUPERVISION SERVICE. , 2014, , .		2
45	Czynniki opórnienia...ce realizacje przedsiwziÅ budowlanych w systemie zaprojektuj i wybuduj. Acta Scientiarum Polonorum Architectura, 2018, 17, 113-124.	0.3	2
46	Bidding factors – the reduction of the data dimension with the use of PCA. AIP Conference Proceedings, 2017, , .	0.4	1
47	Value engineering method in Polish construction. MATEC Web of Conferences, 2018, 196, 04092.	0.2	1
48	Selection of the Variant of the Aluminium-Glass Facade Implementation Using the AHP Method. Advances in Intelligent Systems and Computing, 2020, , 536-543.	0.6	1
49	Assumptions of a planned number of man-hours verification model for construction works. Scientific Review Engineering and Environmental Sciences, 2018, 27, 300-309.	0.5	1
50	Multicriteria assessment of selected types of the single-layer exterior walls. MATEC Web of Conferences, 2018, 219, 04005.	0.2	0
51	Railway Construction Investments in Poland – Selected Issues. IOP Conference Series: Earth and Environmental Science, 2019, 222, 012008.	0.3	0
52	Bidding factors in procurements of design documentation. Budownictwo I Architektura, 2020, 13, 373-380.	0.3	0
53	Faktory opórnienia... Builder, 2019, 259, 26-28.	0.2	0
54	Analysis of additional works in completed railway construction projects. Scientific Review Engineering and Environmental Sciences, 2022, 28, 366-376.	0.5	0

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55	Roboty dodatkowe w kolejowych przedsiwziaciach budowlanych. Acta Scientiarum Polonorum Architectura, 2019, 18, 33-42.	0.3	0