Maria MrÃ³wczyÅ„ska

List of Publications by Year
in descending order

56 papers	504 citations	687363 13 h-index	713466 21 g-index
57 all docs	57 docs citations	57 times ranked	420 citing authors

#	Article	IF	Citations
1	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
2	Optimization of point clouds for 3D bas-relief modeling. Automation in Construction, 2022, 140, 104352.	9.8	6
3	Experimental Research of the Structure Condition Using Geodetic Methods and Crackmeter. Applied Sciences (Switzerland), 2022, 12, 6754.	2.5	7
4	Scenarios as a tool supporting decisions in urban energy policy: The analysis using fuzzy logic, multi-criteria analysis and GIS tools. Renewable and Sustainable Energy Reviews, 2021, 137, 110598.	16.4	33
5	The network structure evolutionary optimization to geodetic monitoring in the aspect of information entropy. Measurement: Journal of the International Measurement Confederation, 2021, 179, 109369.	5.0	11
6	Probability estimation of the cityâ€™s energy efficiency improvement as a result of using the phase change materials in heating networks. Energy, 2021, 228, 120549.	8.8	8
7	The model identification of buildings horizontal displacements with the use of a free geodetic network. IOP Conference Series: Earth and Environmental Science, 2021, 906, 012056.	0.3	2
8	Accuracy Characteristics of the Selected Diagnostics Methods and the Adjustment of Geodetic Observations. Civil and Environmental Engineering Reports, 2021, 31, 167-183.	0.3	1
9	Compression of results of geodetic displacement measurements using the PCA method and neural networks. Measurement: Journal of the International Measurement Confederation, 2020, 158, 107693.	5.0	35
10	An Innovative Decision Support System to Improve the Energy Efficiency of Buildings in Urban Areas. Remote Sensing, 2020, 12, 259.	4.0	38
11	Household standards and socio-economic aspects as a factor determining energy consumption in the city. Applied Energy, 2020, 264, 114680.	10.1	41
12	Noise as a Factor of Green Areas Soundscape Creation. Sustainability, 2020, 12, 999.	3.2	17
13	The Impact of the Process of Academic Education on Differences in Landscape Perception between the Students of Environmental Engineering and Civil Engineering. Land, 2020, 9, 188.	2.9	3
14	The Use of Plant Biomass Pellets for Energy Production by Combustion in Dedicated Furnaces. Energies, 2020, 13, 463.	3.1	27
15	Built Environment Challenges Due to Climate Change. IOP Conference Series: Earth and Environmental Science, 2020, 609, 012061.	0.3	15
16	The use of classical methods and neural networks in deformation studies of hydrotechnical objects. Open Geosciences, 2020, 12, 718-725.	1.7	2
17	Study on the Possibilities of Natural Use of Ash Granulate Obtained from the Combustion of Pellets from Plant Biomass. Energies, 2019, 12, 2569.	3.1	12
18	The Use of Waste Biomass from the Wood Industry and Municipal Sources for Energy Production. Sustainability, 2019, 11, 3083.	3.2	30

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19	The use of evolutionary algorithms for designing an optimum structure of a geodesic measurement and control network. MATEC Web of Conferences, 2019, 262, 07008.	0.2	2
20	The Use of Artificial Intelligence as a Tool Supporting Sustainable Development Local Policy. Sustainability, 2019, 11, 4199.	3.2	28
21	GIS Technology, 3D Models and Mathematical Models as a Tool for Assessing Development Capabilities of Flood Risk Land to Make Arrangements of Municipal Planning Documents. Journal of Ecological Engineering, 2019, 20, 25-33.	1.1	8
22	VARIOUS PRESENTATION OF NOISE PERCEPTION IN BYDGOSZCZ GREEN AREAS. Architecture Civil Engineering Environment, 2019, 12, 113-120.	0.6	1
23	The application of Airborne Laser Scaning for identifying old lignite workings â€“ case study: the mine â€œBorussiaâ€•near OÅ›no Lubuskie (Western Poland). E3S Web of Conferences, 2018, 36, 02002.	0.5	3
24	Green energy in municipal planning documents. E3S Web of Conferences, 2018, 45, 00006.	0.5	13
25	Searching for new development in areas of the city. E3S Web of Conferences, 2018, 45, 00080.	0.5	0
26	Improving Energy Efficiency with the Risk of Investment of Reference to Urban Development of Zielona GÃ³ra. Tehnicki Vjesnik, 2018, 25, .	0.2	7
27	Social and Infrastructural Conditioning of Lowering Energy Costs and Improving the Energy Efficiency of Buildings in the Context of the Local Energy Policy. Energies, 2018, 11, 2302.	3.1	13
28	Proposition of determination of displacements using the TDRA 6000 laser station. E3S Web of Conferences, 2018, 55, 00011.	0.5	4
29	Proposition of determination of displacements using the TDRA 6000 laser station. E3S Web of Conferences, 2018, 55, 00011.	0.5	7
30	Title is missing!. Logforum, 2018, 14, 279-292.	1.2	4
31	Renewable Energy Sources in the Lubusz Voivodship (Poland). The Present Conditions and Perspectives for Development. Civil and Environmental Engineering Reports, 2018, 28, 31-67.	0.3	7
32	Analysis of principal components used for modelling changes in glacitectonically disturbed areas. Journal of Water and Land Development, 2018, 39, 119-123.	0.9	1
33	Measurement Data Processing with the Use of Art Networks. Civil and Environmental Engineering Reports, 2018, 28, 186-195.	0.3	0
34	REALIZACJA NOWYCH WYMAGAÅƒ UE DOTYCZÄ„CYCH WZROSTU EFEKTYWNOÅšCI ENERGETYCZNEJ DLA BUDYNKÃ“W UÅ»YTECZNOÅšCI PUBLICZNEJ W POLSCE NA PRZYKÅADZIE ZIELONEJ GÃ“RY. Zeszyty Naukowe Politechniki CzÄ™stochowskiej Budownictwo, 2018, 173, 56-68.	0.0	1
35	Approximation of the process of changes in deformation of land surface using artificial neural networks. E3S Web of Conferences, 2018, 55, 00009.	0.5	0
36	Modeling the economic dependence between town development policy and increasing energy effectiveness with neural networks. Case study: The town of Zielona GÃ³ra. Applied Energy, 2017, 188, 356-366.	10.1	32

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37	Vertical Displacements Analysis of Measurements Achieved by Laser Station. IOP Conference Series: Earth and Environmental Science, 2017, 95, 032003.	0.3	2
38	A POLICY OF DEVELOPMENT OF POST-MINING LAND ON THE EXAMPLE OF ZIELONA GÃ“RA. Journal of Civil Engineering, Environment and Architecture, 2017, , .	0.0	0
39	DEFORMATION ANALYSIS OF THE CZERSKO POLSKIE ROLLER DAM STEEL DRUM USING CONVENTIONAL GEODETIC METHODS AND NEURAL NETWORKS. , 2017, , .		1
40	MANAGEMENT OF THE POST-MINING AREAS IN DEVELOPMENT POLICY OF ZIELONA GORA (POLAND). , 2017, , .		0
41	Budowa numerycznego modelu terenu na potrzeby planowania przedsiÄ™wziÄ™Ä‡ budowlanych. MateriaÅy Budowlane, 2017, 1, 118-119.	0.1	0
42	Modelling changes in the energy efficiency of buildings using neural networks on the example of Zielona GÃ³ra. E3S Web of Conferences, 2016, 10, 00061.	0.5	0
43	Economic conditions for the development of energy efficient civil engineering using RES in the policy of cohesion of the European Union (2014â€“2020). Case study: The town of Zielona Gora. Energy and Buildings, 2016, 118, 170-180.	6.7	15
44	Indicating Vertical Deviation of Historical Buildings Using Geodetic Methods - Case Study of Brick and Wood Tower in Nowe Miasteczko. Civil and Environmental Engineering Reports, 2016, 22, 127-136.	0.3	9
45	Deformation Monitoring of The Steel Cylinder of Czersko Polskie â€“ A Historical Weir In Bydgoszcz. Architecture Civil Engineering Environment, 2016, 9, 105-110.	0.6	3
46	Elements of an algorithm for optimizing a parameter-structural neural network. Reports on Geodesy and Geoinformatics, 2016, 101, 27-35.	0.2	1
47	The SVM Method As An Instrument For The Classification Of Vertical Displacements. Reports on Geodesy and Geoinformatics, 2015, 98, 18-27.	0.2	0
48	EVOLUTIONARY STRATEGY (Î¼+Î») AS AN INSTRUMENT FOR DETERMINING DEFORMATION PARAMETERS OF STEEL STRUCTURES. Reports on Geodesy, 2013, 95, 23-35.	0.2	2
49	Analysis of the horizontal structure of a measurement and control geodetic network based on entropy. Geodesy and Cartography, 2013, 62, 23-31.	0.4	8
50	Approximation abilities of neuro-fuzzy networks. Geodesy and Cartography, 2010, 59, .	0.4	1
51	Group Method of Data Handling as a Tool to Determine Vertical Displacements. IOP Conference Series: Materials Science and Engineering, 0, 471, 052077.	0.6	3
52	Sustainable Urban Development on the Example of the Housing Deveopment of Zielona GÃ³ra (Poland), as a Response to the Climate Policy of the European Union. , 0, , .		4
53	THE EFFECTIVENESS OF THE LEARNING ALGORITHM OF RADIAL BASIS NETWORKS WITH RELATION TO THE TRANSFER FUNCTIONS APPLIED ON THE EXAMPLE OF MAPPING OF THE LIE LAND OF ZIELONA GORA CITY. Environment Technology Resources Proceedings of the International Scientific and Practical Conference, 0, 1, 48.	0.0	0
54	THE ESTIMATION OF ERRORS OF AREA MODELS DESCRIBED BY THE SHAPE FUNCTIONS BY THE MEANS OF NEURAL NETWORKS. Environment Technology Resources Proceedings of the International Scientific and Practical Conference, 0, 1, 219.	0.0	0

#	Article	IF	Citations
55	Sound influence on spa park perception in feelings of visitors. , 0, , .		0
56	Prediction of Vertical Displacements in Civil Structures Using Artificial Neural Networks. , 0, , .		1