Marijana Hadzima-Nyarko

List of Publications by Year
in descending order

41 papers	994 citations	331670 21 h-index	434195 31 g-index
42 all docs	42 docs citations	42 times ranked	884 citing authors

#	Article	IF	Citations
1	PGA vertical estimates for deep soils and deep geological sediments â€“ A case study of Osijek (Croatia). Computers and Geosciences, 2022, 158, 104985.	4.2	3
2	Seismic Vulnerability Analysis in Urban and Rural Regions of Visoko, BIH. Lecture Notes in Networks and Systems, 2022, , 421-429.	0.7	0
3	Influence of site effects on the seismic vulnerability of masonry and reinforced concrete buildings in Tuzla (Bosnia and Herzegovina). Bulletin of Earthquake Engineering, 2022, 20, 2643-2681.	4.1	15
4	The Effect of Basalt Aggregates and Mineral Admixtures on the Mechanical Properties of Concrete Exposed to Sulphate Attacks. Materials, 2022, 15, 1581.	2.9	10
5	Maintenance Condition and Seismic Vulnerability of Buildings in Rural Areas â€“ A Case Study of Two Rural Settlements in Osijek-Baranja County. Lecture Notes in Networks and Systems, 2022, , 310-323.	0.7	1
6	Application of Artificial Intelligence Methods for Predicting the Compressive Strength of Self-Compacting Concrete with Class F Fly Ash. Materials, 2022, 15, 4191.	2.9	10
7	Effects of waste glass as a sand replacement on the strength and durability of fly ash/GGBS based alkali activated mortar. Ceramics International, 2021, 47, 21175-21196.	4.8	24
8	Rockburst Hazard Prediction in Underground Projects Using Two Intelligent Classification Techniques: A Comparative Study. Symmetry, 2021, 13, 632.	2.2	26
9	Improvement of eco-efficient self-compacting concrete manufacture by recycling high quantity of waste materials. Environmental Science and Pollution Research, 2021, 28, 53282-53297.	5.3	11
10	Railway Corridors in Croatian Cities as Factors of Sustainable Spatial and Cultural Development. Sustainability, 2021, 13, 6928.	3.2	7
11	Horizontal UHS Amplitudes for Regions with Deep Soil Atop Deep Geological Sedimentsâ€"An Example of Osijek, Croatia. Applied Sciences (Switzerland), 2021, 11, 6296.	2.5	3
12	Vertical to Horizontal UHS Ratios for Low to Medium Seismicity Regions with Deep Soil atop Deep Geological Sedimentsâ€"An Example of the City of Osijek, Croatia. Applied Sciences (Switzerland), 2021, 11, 6782.	2.5	3
13	Modeling of Compressive Strength of Self-Compacting Rubberized Concrete Using Machine Learning. Materials, 2021, 14, 4346.	2.9	31
14	Application of Shape Memory Alloys in Retrofitting of Masonry and Heritage Structures Based on Their Vulnerability Revealed in the Bam 2003 Earthquake. Materials, 2021, 14, 4480.	2.9	24
15	Application of machine learning models in hydrology: Case study of river temperature forecasting in the Drava River using coupled wavelet analysis and adaptive neuro-fuzzy inference systems model. , 2021, , 399-411.		1
16	Architectural characteristics and determination of load-bearing capacity as a key indicator for a strengthening of the primary school buildings: Case study Osijek. Structures, 2021, 34, 3996-4011.	3.6	3
17	Assessment of Selected Models for FRP-Retrofitted URM Walls under In-Plane Loads. Buildings, 2021, 11, 559.	3.1	2
18	Rapid assessment of earthquake risk for Bosnia and Herzegovina. Bulletin of Earthquake Engineering, 2020, 18, 1835-1863.	4.1	17

#	Article	IF	Citations
19	Machine learning approaches for estimation of compressive strength of concrete. European Physical Journal Plus, 2020, 135, 1.	2.6	24
20	The Contribution of Workersâ€™ Attributes on Sustainability of Construction Project Realization Goalsâ€"Survey on the Impact on Productivity in Croatia. Sustainability, 2020, 12, 9946.	3.2	2
21	A Contribution to a UHS-Based Seismic Risk Assessment in Croatiaâ€"A Case Study for the City of Osijek. Sustainability, 2020, 12, 1796.	3.2	25
22	Development of Seismic Vulnerability and Exposure Modelsâ€"A Case Study of Croatia. Sustainability, 2020, 12, 973.	3.2	22
23	Seismic vulnerability assessment of masonry buildings in Banja Luka and Sarajevo (Bosnia and) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.1	30
24	The Vulnerability of Buildings From the Osijek Database. Frontiers in Built Environment, 2019, 5, .	2.3	10
25	Two hybrid data-driven models for modeling water-air temperature relationship in rivers. Environmental Science and Pollution Research, 2019, 26, 12622-12630.	5.3	36
26	Modelling the Influence of Waste Rubber on Compressive Strength of Concrete by Artificial Neural Networks. Materials, 2019, 12, 561.	2.9	46
27	Locating Hidden Elements in Walls of Cultural Heritage Buildings by Using Infrared Thermography. Buildings, 2019, 9, 32.	3.1	32
28	Modeling daily water temperature for rivers: comparison between adaptive neuro-fuzzy inference systems and artificial neural networks models. Environmental Science and Pollution Research, 2019, 26, 402-420.	5.3	77
29	Long term variations of river temperature and the influence of air temperature and river discharge: case study of Kupa River watershed in Croatia. Journal of Hydrology and Hydromechanics, 2019, 67, 305-313.	2.0	15
30	Assessing the performance of a suite of machine learning models for daily river water temperature prediction. PeerJ, 2019, 7, e7065.	2.0	35
31	Determining the Natural Frequency of Cantilever Beams Using ANN and Heuristic Search. Applied Artificial Intelligence, 2018, 32, 309-334.	3.2	25
32	Modelling daily water temperature from air temperature for the Missouri River. PeerJ, 2018, 6, e4894.	2.0	62
33	Seismic vulnerability assessment of an old historical masonry building in Osijek, Croatia, using Damage Index. Journal of Cultural Heritage, 2017, 28, 140-150.	3.3	41
34	Rapid seismic risk assessment. International Journal of Disaster Risk Reduction, 2017, 24, 348-360.	3.9	36
35	Seismic vulnerability of old confined masonry buildings in Osijek, Croatia. Earthquake and Structures, 2016, 11, 629-648.	1.0	30
36	Flood-routing modeling with neural network optimized by social-based algorithm. Natural Hazards, 2016, 82, 1-24.	3.4	78

#	Article	IF	Citations
37	Modelling river temperature from air temperature: case of the River Drava (Croatia). Hydrological Sciences Journal, 2015, 60, 1490-1507.	2.6	41
38	Implementation of Artificial Neural Networks in Modeling the Water-Air Temperature Relationship of the River Drava. Water Resources Management, 2014, 28, 1379-1394.	3.9	51
39	Earthquake performance of infilled frames using neural networks and experimental database. Engineering Structures, 2013, 51, 113-127.	5.3	49
40	A neural network based modelling and sensitivity analysis of damage ratio coefficient. Expert Systems With Applications, 2011, 38, 13405-13413.	7.6	35
41	ASSESSING SEISMIC RISK IN RETFALA NOVA, OSIJEK. E-GFOS, 0, , 50-61.	0.3	1