

Adriana Estokova

List of Publications by Citations

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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.

89
papers

541
citations

11
h-index

20
g-index

118
ext. papers

654
ext. citations

1.3
avg, IF

4.09
L-index

#	Paper	IF	Citations
89	Properties Characterization of Chemically Modified Hemp Hurds. <i>Materials</i> , 2014 , 7, 8131-8150	3.5	112
88	Chemical Modification of Hemp Shives and their Characterization. <i>Procedia Engineering</i> , 2012 , 42, 931-941		47
87	Thermal degradation of natural and treated hemp hurds under air and nitrogen atmosphere. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 1649-1660	4.1	35
86	Assessment of natural radioactivity levels of cements and cement composites in the Slovak Republic. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 7165-79	4.6	26
85	Monitoring and characterization of creation of geopolymers prepared from fly ash and metakaolin by X-ray photoelectron spectroscopy method. <i>Environmental Progress and Sustainable Energy</i> , 2015 , 34, 841-849	2.5	24
84	Analysis of the Chromium Concentrations in Cement Materials. <i>Procedia Engineering</i> , 2012 , 42, 123-130		22
83	Study on Cr(VI) Leaching from Cement and Cement Composites. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	18
82	The Study of the Properties of Fly Ash Based Concrete Composites with Various Chemical Admixtures. <i>Procedia Engineering</i> , 2012 , 42, 1863-1872		18
81	Environmental analysis of two building material alternatives in structures with the aim of sustainable construction. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 75-83	4.3	17
80	Analyzing Embodied Energy, Global Warming and Acidification Potentials of Materials in Residential Buildings. <i>Procedia Engineering</i> , 2017 , 180, 1675-1683		13
79	Testing Silica Fume-Based Concrete Composites under Chemical and Microbiological Sulfate Attacks. <i>Materials</i> , 2016 , 9,	3.5	13
78	Reduction of primary energy and CO2 emissions through selection and environmental evaluation of building materials. <i>Theoretical Foundations of Chemical Engineering</i> , 2012 , 46, 704-712	0.9	11
77	Comparison of environmental impact of building materials of three residential buildings. <i>Pollack Periodica</i> , 2011 , 6, 53-62	0.7	10
76	Environmental impact assessment of building foundation in masonry family houses related to the total used building materials. <i>Environmental Progress and Sustainable Energy</i> , 2016 , 35, 1113-1120	2.5	10
75	Study of Thermal Properties of Lightweight Insulation Made of Flax Straw. <i>Slovak Journal of Civil Engineering</i> , 2018 , 26, 9-14	0.9	10
74	Current Trends in Investigation of Concrete Biodeterioration. <i>Procedia Engineering</i> , 2013 , 65, 346-351		9
73	Correlation Analysis between Different Types of Corrosion of Concrete Containing Sulfate Resisting Cement. <i>Environments - MDPI</i> , 2017 , 4, 44	3.2	9

72	Different aggressive media influence related to selected characteristics of concrete composites investigation. <i>International Journal of Energy and Environmental Engineering</i> , 2014 , 5, 1	4	8
71	Study of the Deterioration of Concrete Influenced by Biogenic Sulphate Attack. <i>Procedia Engineering</i> , 2012 , 42, 1731-1738		8
70	Concrete specimens biodeterioration by bacteria of Acidithiobacillus thiooxidans and Desulfovibrio genera. <i>Pollack Periodica</i> , 2009 , 4, 83-92	0.7	8
69	Study of Thermal Analysis of Selected Cellulose Fibres. <i>GeoScience Engineering</i> , 2016 , 62, 18-21	2.5	8
68	Bio-Corrosion Resistance of Concretes Containing Antimicrobial Ground Granulated Blastfurnace Slag BIOLANOVA and Novel Hybrid H-CEMENT. <i>Solid State Phenomena</i> , 2015 , 244, 57-64	0.4	7
67	The investigation of concrete biodeterioration in sewer pipes, case study. <i>Pollack Periodica</i> , 2010 , 5, 87-95	0.7	7
66	Performance of Fiber-Cement Boards in Biogenic Sulphate Environment. <i>Advanced Materials Research</i> , 2014 , 897, 41-44	0.5	6
65	Analyzing the Relationship between Chemical and Biological-Based Degradation of Concrete with Sulfate-Resisting Cement. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 2121-2129	2.3	6
64	Characterization of Demolition Construction Waste Containing Asbestos, and the Release of Fibrous Dust Particles. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4048	2.6	5
63	Determination of durability of mortar with slag exposed to bacterial environment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 385, 012052	0.4	5
62	Sustainability Potential Evaluation of Concrete with Steel Slag Aggregates by the LCA Method. <i>Sustainability</i> , 2020 , 12, 9873	3.6	4
61	Calcium Extraction from Blast-Furnace-Slag-Based Mortars in Sulphate Bacterial Medium. <i>Buildings</i> , 2018 , 8, 9	3.2	4
60	The study of concrete properties prepared with a proportion of fly ash. <i>Pollack Periodica</i> , 2014 , 9, 105-115	1.7	4
59	Study of temperature influence of cement and water on the fresh cement paste consistency. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 549, 012031	0.4	4
58	Application of Granulated Blast Furnace Slag in Cement Composites Exposed to Biogenic Acid Attack. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 96, 012014	0.4	3
57	Assessment of the content of chromium (VI) in selected types of cement as a part of cement eco-labeling. <i>Pollack Periodica</i> , 2011 , 6, 123-129	0.7	3
56	Comparing of the external bearing wall using three cultural perspectives in the life cycle impact assessment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 385, 012064	0.4	3
55	Investigation of the Precipitates on the Concrete Surface due to Sulphate Exposure. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2016 , 11, 31-38	0.3	2

54	Leaching of calcium and silicon from cement composites in the aggressive environment. <i>Pollack Periodica</i> , 2014 , 9, 123-130	0.7	2
53	Indoor and outdoor air quality monitoring in hemp house [Case study. <i>Pollack Periodica</i> , 2011 , 6, 63-72	0.7	2
52	Thermal analysis of heat-treated silver fir wood and larval frass. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 755-762	4.1	2
51	Concept of Evaluation of Mineral Additives' Effect on Cement Pastes' Durability and Environmental Suitability. <i>Materials</i> , 2021 , 14,	3.5	2
50	Characterization of Manmade and Recycled Cellulosic Fibers for Their Application in Building Materials. <i>Journal of Renewable Materials</i> , 2019 , 7, 1121-1145	2.4	2
49	Sustainable Building Materials and Technologies 2018. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-2	1.5	2
48	Examination of Bearing Walls Regarding Their Environmental Performance. <i>Energies</i> , 2019 , 12, 260	3.1	1
47	Radionuclides Activity Analysis in the Environmental Samples. <i>Environmental Science and Engineering</i> , 2019 , 29-36	0.2	1
46	Environmental Engineering in the Slovak Republic. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 92, 012064	0.3	1
45	Environmental Impacts of the Selected Building Structures. <i>Environmental Science and Engineering</i> , 2019 , 97-105	0.2	1
44	Changes in water absorptivity of slag based cement mortars exposed to sulphur-oxidisingA.thiooxidansbacteria. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 251, 012034	0.4	1
43	The Ability of Slag-Portland Cement Composites to Withstand Aggressive Environment. <i>Solid State Phenomena</i> , 2015 , 244, 88-93	0.4	1
42	Deterioration of Cement Composites with Silica Fume Addition due to Chemical and Biogenic Corrosion Processes. <i>Solid State Phenomena</i> , 2015 , 227, 190-193	0.4	1
41	Mesoporous silica for sorption of copper and sulphates from the environment. <i>Pollack Periodica</i> , 2014 , 9, 43-49	0.7	1
40	Correlation Analysis between Different Types of Corrosion of Concrete Containing Sulfate Resisting Cement. <i>Environments - MDPI</i> , 2017 , 4, 44	3.2	1
39	Effectiveness of addition of silica fume as a waste material on durability of cement composites 2014 ,		1
38	Monitoring of heavy metal concentrations in concrete leachates 2014 ,		1
37	Reducing the carbon footprint in the foundations structures of masonry family houses. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2020 , 15, 55-62	0.3	1

36	Study of Dependencies Between Concrete Deterioration Parameters of Fly Ash-Based Specimens. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 229-238	0.4	1
35	Study of durability of fibrous cement based materials exposed to microorganisms 2014 ,		1
34	The Temperature Impact on the Various Cement Type Consistency. <i>Key Engineering Materials</i> , 2020 , 838, 46-52	0.4	1
33	Innovation of University education by using available online LCA methods and their role in construction sector. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 549, 012024	0.4	1
32	Examination of potential radiation hazard of concrete composites with different slags as additives. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 385, 012050	0.4	1
31	Analytical methods for the determination of the input material quality for gypsum wallboard production. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 385, 012020	0.4	1
30	An Investigation of the Bacterial Influence of Acidithiobacillus Thiooxidans on Concrete Composites. <i>E3S Web of Conferences</i> , 2018 , 45, 00021	0.5	1
29	CEMENT COMPOSITES WITH WASTE INCORPORATION UNDER ACID RAIN ATTACK. <i>Detritus</i> , 2022 , 24-34	0.9	1
28	Chemical Sulphate Corrosion on Cement Composites in Various Model Environments. <i>Current Materials Science</i> , 2022 , 15, 164-174	1.1	1
27	Investigation of slag-based concrete by mathematical analysis considering air pollution prevention. <i>Energy Procedia</i> , 2017 , 128, 208-214	2.3	0
26	Natural Radioactivity of Bricks in Historical Buildings in Slovakia. <i>International Journal of Engineering Research in Africa</i> , 2020 , 47, 45-51	0.7	0
25	Sustainable Building Materials and Technologies. <i>Advances in Materials Science and Engineering</i> , 2017 , 2017, 1-2	1.5	0
24	Radioactivity of buildings materials available in Slovakia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 92, 012054	0.3	0
23	Assessment of risk from irradiation originating from mortars with mineral waste addition. <i>Indoor and Built Environment</i> , 1420326X2098557	1.8	0
22	Demolition waste contaminated with asbestos 2022 , 261-283		0
21	Contribution to Sustainable Environment through Examination of Durability of Materials in an Aggressive Environment. <i>Energy Procedia</i> , 2017 , 107, 351-356	2.3	
20	Bio-Corrosion of Fibrous Cement Boards and Cement Composites. <i>Solid State Phenomena</i> , 2015 , 227, 207-210	0.4	
19	The road surface as a source of particulate matter. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 236, 012026	0.4	

- 18 Multi-criteria Analysis of Factors for Application of Concrete Composites Considering Their Environmental Harmfulness. *IOP Conference Series: Earth and Environmental Science*, **2017**, 92, 012051 0.3
- 17 Leaching of Ca, Si, Fe and Al from concretes, based on sulphate resistant cement, due to bacterial attack - a correlation study. *IOP Conference Series: Earth and Environmental Science*, **2017**, 92, 012048 0.3
- 16 Using Mathematical and Numerical Methods towards on the Pipelines Material Sustainability. *Procedia Engineering*, **2017**, 190, 385-389
- 15 Evaluation of the damaged depths of slag-based mortars in aggressive sulphate conditions. *IOP Conference Series: Earth and Environmental Science*, **2017**, 92, 012011 0.3
- 14 Fly Ash Incorporation into the Concrete Composites in Order to Improve their Environmental Performance. *Solid State Phenomena*, **2015**, 244, 108-113 0.4
- 13 Determination the Availability of Chromium from Powdered Cement Composites Containing Blast Furnace Slag. *Solid State Phenomena*, **2015**, 244, 246-251 0.4
- 12 Analysis of Building Stone of the Medieval Historical Building. *Advanced Materials Research*, **2014**, 897, 305-308 0.5
- 11 Sustainable Building Materials and Technologies 2020. *Advances in Materials Science and Engineering*, **2022**, 2022, 1-2 1.5
- 10 Evaluation of concrete deterioration under simulated acid rain environment. *Selected Scientific Papers: Journal of Civil Engineering*, **2019**, 14, 47-54 0.3
- 9 Impact of calcium ions leaching caused by biogenic acid attack on durability of cement composites. *Pollack Periodica*, **2015**, 10, 125-134 0.7
- 8 Leachability of chromium and barium from concrete samples with blast furnace slag addition. *Pollack Periodica*, **2015**, 10, 135-141 0.7
- 7 Comparison of Material-Technical Solution of Masonry Family House by Two Different Calculating LCA Approaches. *International Journal of Engineering Research in Africa*, **2020**, 47, 69-76 0.7
- 6 Comparison of Degradation of Concretes with High Portions of Mineral Additions and Ordinary Portland Cement Based Concretes due to Simulated Acidic Rain. *Key Engineering Materials*, **2020**, 838, 94-99 0.4
- 5 Biodeterioration of the Cement Composites. *IOP Conference Series: Earth and Environmental Science*, **2016**, 44, 052025 0.3
- 4 Biodegradation and its impact on durability of building construction. *IOP Conference Series: Materials Science and Engineering*, **2019**, 549, 012041 0.4
- 3 Effect of industrial by-products incorporated in composites on strength and leaching parameters due to microbiologically induced corrosion. *IOP Conference Series: Materials Science and Engineering*, **2019**, 549, 012008 0.4
- 2 Assessment of damp and salinity of historical building in Markuševce. *IOP Conference Series: Materials Science and Engineering*, **2018**, 385, 012058 0.4
- 1 Durability of Cement Mortars with a High Proportion of Mineral Admixture After Bacterial Environment Exposure. *Lecture Notes in Mechanical Engineering*, **2022**, 35-45 0.4

