

Vojtech Vaclavik

List of Publications by Year in descending order

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57
papers

249
citations

1040056

9
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1125743

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58
all docs

58
docs citations

58
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	A Proposal for Simplifying the Method of Evaluation of Uncertainties in Measurement Results. Measurement Science Review, 2013, 13, 1-6.	1.0	32
2	Use of Different Types of Biosorbents to Remove Cr (VI) from Aqueous Solution. Life, 2021, 11, 240.	2.4	17
3	Sound-Absorbing and Thermal-Insulating Properties of Cement Composite Based on Recycled Rubber from Waste Tires. Applied Sciences (Switzerland), 2021, 11, 2725.	2.5	14
4	Leachate from Municipal Waste Landfill and Its Natural Degradation – A Case Study of Zubář, Zlín Region. International Journal of Environmental Research and Public Health, 2016, 13, 873.	2.6	13
5	The Use of Industrial Waste as a Secondary Raw Material in Restoration Plaster with Thermal Insulating Effect. Advanced Materials Research, 2014, 897, 204-214.	0.3	12
6	The Utilization of Waste Water from a Concrete Plant in the Production of Cement Composites. Buildings, 2017, 7, 120.	3.1	12
7	Sustainability Potential Evaluation of Concrete with Steel Slag Aggregates by the LCA Method. Sustainability, 2020, 12, 9873.	3.2	12
8	Steel Slag as a Substitute for Natural Aggregate in the Production of Concrete. Solid State Phenomena, 0, 244, 77-87.	0.3	11
9	Recycled Cellulose Fiber Reinforced Plaster. Materials, 2021, 14, 2986.	2.9	11
10	Drainage Concrete Based on Cement Composite and Industrial Waste. Advanced Structured Materials, 2015, , 155-165.	0.5	9
11	Capillary Active Insulations Based on Waste Calcium Silicates. Advanced Structured Materials, 2015, , 177-188.	0.5	9
12	The Removal of Residual Concentration of Hazardous Metals in Wastewater from a Neutralization Station Using Biosorbent – A Case Study Company Gutra, Czech Republic. International Journal of Environmental Research and Public Health, 2020, 17, 7225.	2.6	8
13	The Use of Glass from Photovoltaic Panels at the End of Their Life Cycle in Cement Composites. Materials, 2021, 14, 6655.	2.9	8
14	The use of steel slag in concrete. IOP Conference Series: Earth and Environmental Science, 2017, 92, 012041.	0.3	6
15	Influence of Cellulosic Fibres on the Physical Properties of Fibre Cement Composites. IOP Conference Series: Materials Science and Engineering, 2017, 251, 012015.	0.6	5
16	The properties of waste water from a concrete plant. IOP Conference Series: Earth and Environmental Science, 2017, 92, 012028.	0.3	5
17	Characterization of Manmade and Recycled Cellulosic Fibers for Their Application in Building Materials. Journal of Renewable Materials, 2019, 7, 1121-1145.	2.2	5
18	Utilization of Sludge from Mine Water Treatment Plant in The Segment of Thermal Insulation Mortars. Archives of Environmental Protection, 2014, 40, 51-59.	1.1	4

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19	Assessment of Business Aviation OCCsâ€™ Capacity Issues. <i>Procedia Engineering</i> , 2017, 187, 46-52.	1.2	4
20	Effect of Silica Fume as a Component of Alternative Binder on the Selected Technically Important Characteristics of Bio-Aggregate-Based Composites. <i>Materials</i> , 2018, 11, 2153.	2.9	4
21	Environmental Assessment of the Concrete Based on Blast Furnace Slag. <i>Solid State Phenomena</i> , 0, 244, 213-220.	0.3	3
22	Creation of combined ěř ěř graphs for some engineering materials. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2017, 48, 364-372.	0.9	3
23	Characterization of cement composites based on recycled cellulosic waste paper fibres. <i>Open Engineering</i> , 2018, 8, 363-367.	1.6	3
24	The mould resistance of carbide lime by-products from deposits. <i>Chemical Papers</i> , 2019, 73, 2575-2582.	2.2	3
25	The Properties of Concrete Based on Steel Slag as a By-Product of Metallurgical Production. <i>Key Engineering Materials</i> , 0, 838, 10-22.	0.4	3
26	The Influence of the Environment on the Properties of Hybrid Cement-Based Concrete with Steel and Air-Cooled Slags. <i>Crystals</i> , 2021, 11, 1087.	2.2	3
27	Cellulose Fibres as a Reinforcing Element in Building Materials. , 0, , .		3
28	Built-In Moisture Process in Structure with Damaged Waterproofing after the Application of Thermal Insulation Boards. <i>Advanced Materials Research</i> , 0, 1020, 591-596.	0.3	2
29	Comparative Measurements of the Thermal Properties of Solid Materials on a New Device and Using a New Non-Stationary Method. <i>Defect and Diffusion Forum</i> , 0, 366, 63-72.	0.4	2
30	Numerical moisture simulation of redeveloped structures using active materials based on cement composite. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016, 47, 495-502.	0.9	2
31	Measuring the Thermal Characteristics of Concretes Exposed to Extreme Conditions. <i>Defect and Diffusion Forum</i> , 2017, 370, 68-77.	0.4	2
32	Water-use in the context of the approaching climate change. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 92, 012030.	0.3	2
33	Reuse of Waste Material â€œWaste Sludge Waterâ€• from a Concrete Plant in Cement Composites: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4519.	2.5	2
34	Ladle Slag as an Admixture in Cement Composites. <i>Key Engineering Materials</i> , 0, 838, 53-58.	0.4	2
35	The Utilization of a Combination of Recycled Rubber from Waste Tires and Waste Waters from a Concrete Plant in the Production of Cement Composites. <i>Key Engineering Materials</i> , 0, 838, 59-66.	0.4	2
36	Monitoring of the Thermal Properties of Cement Composites with an Addition of Steel Slag. <i>Advanced Structured Materials</i> , 2018, , 107-118.	0.5	2

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37	Possibilities of Using Alternative Materials as a Substitute Binder or Filler into Composites. <i>Advanced Materials Research</i> , 2015, 1105, 31-35.	0.3	1
38	Energy Remediation Combining Insulation Materials Based on Calcium Silicate and Expanded Polymers. <i>Materials Science Forum</i> , 2016, 865, 196-200.	0.3	1
39	Analysis of Physical-Mechanical and Surface Properties of Wood Plastic Composite Materials to Determine the Energy Balance. <i>Defect and Diffusion Forum</i> , 2017, 370, 78-89.	0.4	1
40	Implementation of recycled cellulosic fibres into cement based composites and testing their influence on resulting properties. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 92, 012019.	0.3	1
41	The design of flood protection in KobeÅ™mice municipality. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 92, 012062.	0.3	1
42	Physico-Mechanical Properties of Cellulose Fiber-Cement Mortars. <i>Key Engineering Materials</i> , 0, 838, 31-38.	0.4	1
43	Utilising Emotions in the Teaching of Water Management Structures III. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 444, 012039.	0.3	1
44	THE PROPERTIES OF RECYCLED RUBBER FROM WASTE TIRES IN THE PRODUCTION OF CEMENT COMPOSITES. <i>GeoScience Engineering</i> , 2020, 66, 33-39.	0.3	1
45	Effect of selected cellulosic fibers on the properties of cement based composites. <i>Advanced Materials Letters</i> , 2018, 9, 606-609.	0.6	1
46	Research of Relations between Thermodynamic Quantities of Building Materials in Connection with Heat Dissipation. <i>Solid State Phenomena</i> , 2015, 244, 48-53.	0.3	0
47	Physical and thermal behavior of cement composites reinforced with recycled waste paper fibers. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
48	The proposal of recommendations for the operation of vacuum sewerage. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 92, 012042.	0.3	0
49	Efficiency of innovative technology in construction industry. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 92, 012059.	0.3	0
50	Constructions used to enable fish migration in the Czech Republic and abroad. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 444, 012014.	0.3	0
51	Design of dry detention basin in the municipality of Hradec nad Svitavou. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 444, 012023.	0.3	0
52	Evaluation of genotoxicity in industrial waste waters. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 444, 012024.	0.3	0
53	The proposal for revitalization measures in the VÅ½kovickÅ½ Stream. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 444, 012037.	0.3	0
54	THE METHODS AND EQUIPMENT CURRENTLY USED FOR SEWERAGE SYSTEM CLEANING. , 2013, , .		0

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55	PROCRASTINATION OF THE STUDENTS OF THE VSB-TU OF OSTRAVA AND THE SPU IN NITRA IN THE CONTEXT OF SOME OF THE ATTRIBUTES INFLUENCING THE STUDY SUCCESS. , 2013, , .		0
56	Sustainable Building Materials and Technologies 2020. Advances in Materials Science and Engineering, 2022, 2022, 1-2.	1.8	0
57	Extracts of Cement Composites Based on Recycled Glass. GeoScience Engineering, 2022, 68, 16-21.	0.3	0