

Tomáš Dvorský^{1/2}

List of Publications by Year in descending order

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56
papers

200
citations

1040056

9
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1199594

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all docs

57
docs citations

57
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Different Types of Biosorbents to Remove Cr (VI) from Aqueous Solution. <i>Life</i> , 2021, 11, 240.	2.4	17
2	Sound-Absorbing and Thermal-Insulating Properties of Cement Composite Based on Recycled Rubber from Waste Tires. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2725.	2.5	14
3	Leachate from Municipal Waste Landfill and Its Natural Degradation – A Case Study of Zubá™; ZlĀn Region. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 873.	2.6	13
4	The potential utilization of the rubber material after waste tire recycling. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 385, 012057.	0.6	13
5	The Use of Industrial Waste as a Secondary Raw Material in Restoration Plaster with Thermal Insulating Effect. <i>Advanced Materials Research</i> , 2014, 897, 204-214.	0.3	12
6	The Utilization of Waste Water from a Concrete Plant in the Production of Cement Composites. <i>Buildings</i> , 2017, 7, 120.	3.1	12
7	Sustainability Potential Evaluation of Concrete with Steel Slag Aggregates by the LCA Method. <i>Sustainability</i> , 2020, 12, 9873.	3.2	12
8	Steel Slag as a Substitute for Natural Aggregate in the Production of Concrete. <i>Solid State Phenomena</i> , 0, 244, 77-87.	0.3	11
9	Recycled Cellulose Fiber Reinforced Plaster. <i>Materials</i> , 2021, 14, 2986.	2.9	11
10	Drainage Concrete Based on Cement Composite and Industrial Waste. <i>Advanced Structured Materials</i> , 2015, , 155-165.	0.5	9
11	Capillary Active Insulations Based on Waste Calcium Silicates. <i>Advanced Structured Materials</i> , 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. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7225.	2.6	8
13	The Use of Glass from Photovoltaic Panels at the End of Their Life Cycle in Cement Composites. <i>Materials</i> , 2021, 14, 6655.	2.9	8
14	Influence of Cellulosic Fibres on the Physical Properties of Fibre Cement Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 251, 012015.	0.6	5
15	The properties of waste water from a concrete plant. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 92, 012028.	0.3	5
16	Characterization of Manmade and Recycled Cellulosic Fibers for Their Application in Building Materials. <i>Journal of Renewable Materials</i> , 2019, 7, 1121-1145.	2.2	5
17	Recycling of photovoltaic panels - A review of the current trends. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 867, 012029.	0.6	5
18	Utilization of Sludge from Mine Water Treatment Plant in The Segment of Thermal Insulation Mortars. <i>Archives of Environmental Protection</i> , 2014, 40, 51-59.	1.1	4

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19	Characterization of cement composites based on recycled cellulosic waste paper fibres. Open Engineering, 2018, 8, 363-367.	1.6	3
20	Cellulose Fibres as a Reinforcing Element in Building Materials. , 0, , .		3
21	Built-In Moisture Process in Structure with Damaged Waterproofing after the Application of Thermal Insulation Boards. Advanced Materials Research, 0, 1020, 591-596.	0.3	2
22	Numerical moisture simulation of redeveloped structures using active materials based on cement composite. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 495-502.	0.9	2
23	Measuring the Thermal Characteristics of Concretes Exposed to Extreme Conditions. Defect and Diffusion Forum, 2017, 370, 68-77.	0.4	2
24	Reuse of Waste Material – Waste Sludge Water – from a Concrete Plant in Cement Composites: A Case Study. Applied Sciences (Switzerland), 2019, 9, 4519.	2.5	2
25	Ladle Slag as an Admixture in Cement Composites. Key Engineering Materials, 0, 838, 53-58.	0.4	2
26	The Utilization of a Combination of Recycled Rubber from Waste Tires and Waste Waters from a Concrete Plant in the Production of Cement Composites. Key Engineering Materials, 0, 838, 59-66.	0.4	2
27	Monitoring of the Thermal Properties of Cement Composites with an Addition of Steel Slag. Advanced Structured Materials, 2018, , 107-118.	0.5	2
28	Implementation of recycled cellulosic fibres into cement based composites and testing their influence on resulting properties. IOP Conference Series: Earth and Environmental Science, 2017, 92, 012019.	0.3	1
29	The design of flood protection in Kobe – Kobe municipality. IOP Conference Series: Earth and Environmental Science, 2017, 92, 012062.	0.3	1
30	Physico-Mechanical Properties of Cellulose Fiber-Cement Mortars. Key Engineering Materials, 0, 838, 31-38.	0.4	1
31	Waste water treatment in North Moravia and Silesia, from the past to the present. , 2016, , .		1
32	THE PROPERTIES OF RECYCLED RUBBER FROM WASTE TIRES IN THE PRODUCTION OF CEMENT COMPOSITES. GeoScience Engineering, 2020, 66, 33-39.	0.3	1
33	Effect of selected cellulosic fibers on the properties of cement based composites. Advanced Materials Letters, 2018, 9, 606-609.	0.6	1
34	REHABILITATION OF ASBESTOS CEMENT WATER MAINS FOR POTABLE WATER IN THE CZECH REPUBLIC. , 2014, , .		1
35	Physical and thermal behavior of cement composites reinforced with recycled waste paper fibers. AIP Conference Proceedings, 2017, , .	0.4	0
36	The proposal of recommendations for the operation of vacuum sewerage. IOP Conference Series: Earth and Environmental Science, 2017, 92, 012042.	0.3	0

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37	The properties of water from a concrete plant to be used in cement composites. IOP Conference Series: Materials Science and Engineering, 2018, 385, 012026.	0.6	0
38	Wood pulp as a potential raw material source for manufacturing bio-based building materials. IOP Conference Series: Materials Science and Engineering, 2019, 549, 012004.	0.6	0
39	The treatment and properties of construction waste for subsequent use in cement composites. IOP Conference Series: Materials Science and Engineering, 2020, 867, 012004.	0.6	0
40	Fungicidal properties of cement composites based on waste sludge water from concrete plant. IOP Conference Series: Materials Science and Engineering, 2020, 867, 012020.	0.6	0
41	The effect of CO ₂ on the strength characteristics of cement composites based on recycled rubber from waste tires. IOP Conference Series: Materials Science and Engineering, 2020, 867, 012042.	0.6	0
42	Constructions used to enable fish migration in the Czech Republic and abroad. IOP Conference Series: Earth and Environmental Science, 2020, 444, 012014.	0.3	0
43	Design of dry detention basin in the municipality of Hradec nad Svitavou. IOP Conference Series: Earth and Environmental Science, 2020, 444, 012023.	0.3	0
44	Evaluation of genotoxicity in industrial waste waters. IOP Conference Series: Earth and Environmental Science, 2020, 444, 012024.	0.3	0
45	The proposal for revitalization measures in the Váňkovická Stream. IOP Conference Series: Earth and Environmental Science, 2020, 444, 012037.	0.3	0
46	THE SOLUTION OF FLOOD PROTECTION USING A SYSTEM OF POLDERS IN THE MUNICIPALITY CADASTER. , 2011, , .		0
47	REVITALIZATION OF RAKOVEC STREAM. , 2011, , .		0
48	APPLICATION OF OZONATION IN PRETREATMENT OF NATURALLY AGGRESSIVE GROUNDWATER WITH HIGH CONTENT OF IRON AND MANGANESE. , 2011, , .		0
49	THE METHODS AND EQUIPMENT CURRENTLY USED FOR SEWERAGE SYSTEM CLEANING. , 2013, , .		0
50	NUMERICAL EVALUATION OF PERIPHERAL CONSTRUCTIONS MOISTENING THE BUILDING AFTER THE APPLICATION OF POLYURETHANE PLASTER AND PLASTER BASED ON ALUMINOSILICATE. , 2014, , .		0
51	Causes and impacts of dropping water consumption on a wastewater treatment plant. , 2016, , .		0
52	Use of the program SWMM to simulate rainfall runoff from urbanized areas. , 2016, , .		0
53	Treatment and utilization of artificial aggregate in the production of cement composites. IOP Conference Series: Earth and Environmental Science, 2021, 900, 012032.	0.3	0
54	Algae as a part of microorganisms involved in biocorrosion of cement composites with total replacement of natural aggregates by photovoltaic glass. IOP Conference Series: Earth and Environmental Science, 2021, 900, 012022.	0.3	0

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55	Fungicidal effects on cement composites with recycled glass from photovoltaic panels. IOP Conference Series: Earth and Environmental Science, 2021, 900, 012019.	0.3	0
56	Extracts of Cement Composites Based on Recycled Glass. GeoScience Engineering, 2022, 68, 16-21.	0.3	0