Adam PivÃ¡k

List of Publications by Year
in descending order

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Version: 2024-02-01

28	292	840776	888059
papers	citations	11 h-index	17 g-index

28	28	28	87
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental Analysis of MOC Composite with a Waste-Expanded Polypropylene-Based Aggregate. Materials, 2018, 11, 931.	2.9	33
2	Non-hydrophobized perlite renders for repair and thermal insulation purposes: Influence of different binders on their properties and durability. Construction and Building Materials, 2020, 263, 120617.	7.2	32
3	High-performance magnesium oxychloride composites with silica sand and diatomite. Journal of Materials Research and Technology, 2021, 11, 957-969.	5.8	27
4	Towards novel building materials: High-strength nanocomposites based on graphene, graphite oxide and magnesium oxychloride. Applied Materials Today, 2020, 20, 100766.	4.3	24
5	Magnesium oxychloride-graphene composites: Towards high strength and water resistant materials for construction industry. FlatChem, 2021, 29, 100284.	5.6	21
6	Influence of Waste Plastic Aggregate and Water-Repellent Additive on the Properties of Lightweight Magnesium Oxychloride Cement Composite. Applied Sciences (Switzerland), 2019, 9, 5463.	2.5	20
7	Low-Carbon Composite Based on MOC, Silica Sand and Ground Porcelain Insulator Waste. Processes, 2020, 8, 829.	2.8	19
8	MOC Doped with Graphene Nanoplatelets: The Influence of the Mixture Preparation Technology on Its Properties. Materials, 2021, 14, 1450.	2.9	17
9	Magnesium Oxychloride Cement Composites with Silica Filler and Coal Fly Ash Admixture. Materials, 2020, 13, 2537.	2.9	16
10	Magnesium Oxychloride Cement Composites Lightened with Granulated Scrap Tires and Expanded Glass. Materials, 2020, 13, 4828.	2.9	13
11	Magnesium Oxychloride Cement Composites with MWCNT for the Construction Applications. Materials, 2021, 14, 484.	2.9	13
12	The Impact of Graphene and Diatomite Admixtures on the Performance and Properties of High-Performance Magnesium Oxychloride Cement Composites. Materials, 2020, 13, 5708.	2.9	8
13	Foam Glass Lightened Sorelâ€™s Cement Composites Doped with Coal Fly Ash. Materials, 2021, 14, 1103.	2.9	8
14	Zeolite Lightweight Repair Renders: Effect of Binder Type on Properties and Salt Crystallization Resistance. Materials, 2021, 14, 3760.	2.9	8
15	Lightweight Vapor-Permeable Plasters for Building Repair Detailed Experimental Analysis of the Functional Properties. Materials, 2021, 14, 2613.	2.9	7
16	Ultra-high strength multicomponent composites based on reactive magnesia: Tailoring of material properties by addition of 1D and 2D carbon nanoadditives. Journal of Building Engineering, 2022, 50, 104122.	3.4	6
17	Magnesium Potassium Phosphate Cement-Based Derivatives for Construction Use: Experimental Assessment. Materials, 2022, 15, 1896.	2.9	6
18	MOC-Diatomite Composites Filled with Multi-Walled Carbon Nanotubes. Materials, 2021, 14, 4576.	2.9	5

#	Article	IF	Citations
19	Assessment of wood chips ash as efficient admixture in foamed glass-MOC composites. Journal of Materials Research and Technology, 2022, 19, 2287-2300.	5.8	4
20	The influence of graphene specific surface on material properties of MOC-based composites for construction use. Journal of Building Engineering, 2021, 43, 103193.	3.4	1
21	MOC Cement-Based Composites with Silica Filler and Wood Chips Ash Admixture. IOP Conference Series: Materials Science and Engineering, 0, 960, 022081.	0.6	1
22	Influence of Graphite Oxide Addition on the Properties of Magnesium Oxychloride Cement Composites. IOP Conference Series: Materials Science and Engineering, 0, 960, 022080.	0.6	1
23	Co-Doped Magnesium Oxychloride Composites with Unique Flexural Strength for Construction Use. Materials, 2022, 15, 604.	2.9	1
24	Magnesia-based cement composites with recycled waste tire rubber filler. AIP Conference Proceedings, 2022, , .	0.4	1
25	High temperature dilatometric measurement of MOC. AIP Conference Proceedings, 2020, , .	0.4	0
26	Thermophysical parameters of MOC-based composite with fly ash admixture. AIP Conference Proceedings, 2020, , .	0.4	0
27	The brucite content calculation in the MOC composites. AIP Conference Proceedings, 2022, , .	0.4	0
28	Enhancement of structural and mechanical properties of magnesium oxychloride cement due to graphene addition. AIP Conference Proceedings, 2022, , .	0.4	0