

Adam Pivák

List of Publications by Year in descending order

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28
papers

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840776

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28
times ranked

87
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#	ARTICLE	IF	CITATIONS
1	Co-Doped Magnesium Oxychloride Composites with Unique Flexural Strength for Construction Use. <i>Materials</i> , 2022, 15, 604.	2.9	1
2	Ultra-high strength multicomponent composites based on reactive magnesia: Tailoring of material properties by addition of 1D and 2D carbon nanoadditives. <i>Journal of Building Engineering</i> , 2022, 50, 104122.	3.4	6
3	The brucite content calculation in the MOC composites. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	0
4	Magnesia-based cement composites with recycled waste tire rubber filler. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	1
5	Enhancement of structural and mechanical properties of magnesium oxychloride cement due to graphene addition. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	0
6	Magnesium Potassium Phosphate Cement-Based Derivatives for Construction Use: Experimental Assessment. <i>Materials</i> , 2022, 15, 1896.	2.9	6
7	Assessment of wood chips ash as efficient admixture in foamed glass-MOC composites. <i>Journal of Materials Research and Technology</i> , 2022, 19, 2287-2300.	5.8	4
8	Magnesium Oxychloride Cement Composites with MWCNT for the Construction Applications. <i>Materials</i> , 2021, 14, 484.	2.9	13
9	Foam Glass Lightened Sorel's Cement Composites Doped with Coal Fly Ash. <i>Materials</i> , 2021, 14, 1103.	2.9	8
10	High-performance magnesium oxychloride composites with silica sand and diatomite. <i>Journal of Materials Research and Technology</i> , 2021, 11, 957-969.	5.8	27
11	MOC Doped with Graphene Nanoplatelets: The Influence of the Mixture Preparation Technology on Its Properties. <i>Materials</i> , 2021, 14, 1450.	2.9	17
12	Lightweight Vapor-Permeable Plasters for Building Repair Detailed Experimental Analysis of the Functional Properties. <i>Materials</i> , 2021, 14, 2613.	2.9	7
13	Zeolite Lightweight Repair Renders: Effect of Binder Type on Properties and Salt Crystallization Resistance. <i>Materials</i> , 2021, 14, 3760.	2.9	8
14	MOC-Diatomite Composites Filled with Multi-Walled Carbon Nanotubes. <i>Materials</i> , 2021, 14, 4576.	2.9	5
15	Magnesium oxychloride-graphene composites: Towards high strength and water resistant materials for construction industry. <i>FlatChem</i> , 2021, 29, 100284.	5.6	21
16	The influence of graphene specific surface on material properties of MOC-based composites for construction use. <i>Journal of Building Engineering</i> , 2021, 43, 103193.	3.4	1
17	Non-hydrophobized perlite renders for repair and thermal insulation purposes: Influence of different binders on their properties and durability. <i>Construction and Building Materials</i> , 2020, 263, 120617.	7.2	32
18	Low-Carbon Composite Based on MOC, Silica Sand and Ground Porcelain Insulator Waste. <i>Processes</i> , 2020, 8, 829.	2.8	19

#	ARTICLE	IF	CITATIONS
19	Towards novel building materials: High-strength nanocomposites based on graphene, graphite oxide and magnesium oxychloride. <i>Applied Materials Today</i> , 2020, 20, 100766.	4.3	24
20	The Impact of Graphene and Diatomite Admixtures on the Performance and Properties of High-Performance Magnesium Oxychloride Cement Composites. <i>Materials</i> , 2020, 13, 5708.	2.9	8
21	Magnesium Oxychloride Cement Composites Lightened with Granulated Scrap Tires and Expanded Glass. <i>Materials</i> , 2020, 13, 4828.	2.9	13
22	Magnesium Oxychloride Cement Composites with Silica Filler and Coal Fly Ash Admixture. <i>Materials</i> , 2020, 13, 2537.	2.9	16
23	High temperature dilatometric measurement of MOC. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
24	Thermophysical parameters of MOC-based composite with fly ash admixture. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
25	Influence of Waste Plastic Aggregate and Water-Repellent Additive on the Properties of Lightweight Magnesium Oxychloride Cement Composite. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5463.	2.5	20
26	Experimental Analysis of MOC Composite with a Waste-Expanded Polypropylene-Based Aggregate. <i>Materials</i> , 2018, 11, 931.	2.9	33
27	MOC Cement-Based Composites with Silica Filler and Wood Chips Ash Admixture. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 960, 022081.	0.6	1
28	Influence of Graphite Oxide Addition on the Properties of Magnesium Oxychloride Cement Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 960, 022080.	0.6	1