

Marcin MaÅ,ek

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Waste Glass Addition as a Replacement for Fine Aggregate on Properties of Mortar. <i>Materials</i> , 2020, 13, 3189.	1.3	69
2	Characteristics of Recycled Polypropylene Fibers as an Addition to Concrete Fabrication Based on Portland Cement. <i>Materials</i> , 2020, 13, 1827.	1.3	55
3	Mechanical and Material Properties of Mortar Reinforced with Glass Fiber: An Experimental Study. <i>Materials</i> , 2021, 14, 698.	1.3	36
4	Precise Determination of Thicknesses of Multilayer Polyethylene Composite Materials by Terahertz Time-Domain Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2015, 36, 578-596.	1.2	35
5	Physical and Mechanical Properties of Polypropylene Fibre-Reinforced Cement-Glass Composite. <i>Materials</i> , 2021, 14, 637.	1.3	30
6	Characteristics of Lightweight Concrete Based on a Synthetic Polymer Foaming Agent. <i>Materials</i> , 2020, 13, 4979.	1.3	26
7	Influence of Polypropylene, Glass and Steel Fiber on the Thermal Properties of Concrete. <i>Materials</i> , 2021, 14, 1888.	1.3	19
8	Effect of Metal Lathe Waste Addition on the Mechanical and Thermal Properties of Concrete. <i>Materials</i> , 2021, 14, 2760.	1.3	17
9	Comparative Analysis of Slip Resistance Test Methods for Granite Floors. <i>Materials</i> , 2021, 14, 1108.	1.3	16
10	The Influence of Heat Treatment on Low Cycle Fatigue Properties of Selectively Laser Melted 316L Steel. <i>Materials</i> , 2020, 13, 5737.	1.3	14
11	Morphology and Chemical Purity of Water Suspension of Graphene Oxide FLAKES Aged for 14 Months in Ambient Conditions. A Preliminary Study. <i>Materials</i> , 2021, 14, 4108.	1.3	8
12	Cement-glass composite bricks (CGCB) with interior 3D printed PET-G scaffolding. <i>Journal of Building Engineering</i> , 2022, 52, 104429.	1.6	8
13	Influence of silicone carbide additions on the mechanical properties of concrete. <i>Materiali in Tehnologije</i> , 2020, 54, 595-599.	0.3	7
14	Microwave-Assisted Hydrothermal Synthesis of Zinc-Aluminum Spinel ZnAl ₂ O ₄ . <i>Materials</i> , 2022, 15, 245.	1.3	7
15	Selecting key parameters of the green pellets and lightweight ceramic proppants for enhanced shale gas exploitation. <i>Procedia Structural Integrity</i> , 2016, 1, 297-304.	0.3	6
16	Analysis of the microstructure of an AZ31/AA1050/AA2519 laminate produced using the explosive-welding method. <i>Materiali in Tehnologije</i> , 2019, 53, 239-243.	0.3	6
17	A Comparative Study on Laser Powder Bed Fusion of Differently Atomized 316L Stainless Steel. <i>Materials</i> , 2022, 15, 4938.	1.3	6
18	An Experimental Study of Possible Post-War Ferronickel Slag Waste Disposal in Szklary (Lower) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Mechanical, and Thermal Properties. <i>Materials</i> , 2021, 14, 2552.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Characterization of new recycled polymer shots addition for the mechanical strength of concrete. <i>Materiali in Tehnologije</i> , 2020, 54, 355-358.	0.3	5
20	What Makes a Floor Slippery? A Brief Experimental Study of Ceramic Tiles Slip Resistance Depending on Their Properties and Surface Conditions. <i>Materials</i> , 2021, 14, 7064.	1.3	5
21	Effect Steel Fibre Content on the Load-Carrying Capacity of Fibre-Reinforced Concrete Expansion Anchor. <i>Materials</i> , 2021, 14, 7757.	1.3	5
22	Technological Properties of SiC-Based Ceramic Slurries for Manufacturing Investment Casting Shell Moulds. <i>Archives of Metallurgy and Materials</i> , 2014, 59, 1059-1062.	0.6	4
23	Investigation of key parameters influence on properties of the green pellets and lightweight ceramic proppants obtained by mechanical granulation method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 1411-1423.	2.0	4
24	Technological Properties of Ceramic Slurries Based on Silicon Carbide with Poly(vinyl alcohol) Addition for Shell Moluds Fabrication in Precision Casting Process. <i>Acta Physica Polonica A</i> , 2016, 129, 528-530.	0.2	4
25	Characterization of recycled glass-cement composite: mechanical strength. <i>Materiali in Tehnologije</i> , 2020, 54, 473-477.	0.3	4
26	Study of the workability and mechanical properties of concrete with added ground corncobs. <i>Materiali in Tehnologije</i> , 2020, 54, 479-483.	0.3	4
27	The impact of temperature and mechanical load on corrosion resistance of anodized aluminum EN AW-6063 (T6 temper) alloy for potential architectonic application. <i>Journal of Building Engineering</i> , 2022, 50, 104128.	1.6	4
28	Technological properties of ceramic slurries based on aluminium III oxide for ceramic shell moulds fabrication. , 2015, , 127/235-127/242.	0.2	3
29	An Assessment of the Thermal Behavior of Envelope Surface Coatings with Different Colors. <i>Polymers</i> , 2021, 13, 82.	2.0	3
30	The Influence of the Microstructure of Ceramic-Elastomer Composites on Their Energy Absorption Capability. <i>Materials</i> , 2021, 14, 6618.	1.3	3
31	Influence of Flow Divider on Overall Efficiency of a Hydrostatic Drivetrain of a Skid-Steer All-Wheel Drive Multiple-Axle Vehicle. <i>Energies</i> , 2021, 14, 3560.	1.6	2
32	Optimizing the Lightweight Ceramic Proppants Properties. <i>Acta Physica Polonica A</i> , 2016, 129, 501-503.	0.2	2
33	Rheological properties of alumina ceramic slurries for ceramic shell-mould fabrication. <i>Materiali in Tehnologije</i> , 2016, 50, 735-738.	0.3	2
34	Characterization of new filler additions affecting the mechanical strength of concrete. <i>Materiali in Tehnologije</i> , 2019, 53, 399-403.	0.3	2
35	Research on microstructure and mechanical properties of explosively welded stainless steel/commercially pure Ti plate. <i>Manufacturing Review</i> , 2019, 6, 28.	0.9	1
36	Influence of Different Kinds of Paints on Self-Cleaning Process of the Facade Coating. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 603, 052062.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Safety Comes First: Novel Styrene Butadiene Rubber (SBR) and Ethylene Propylene Diene Monomer (EPDM) Surfaces as a Response to Sport Injuries. <i>Materials</i> , 2021, 14, 3737.	1.3	1
38	Push-Out Method for Micro Measurements of Interfacial Strength in Aluminium Alloy Matrix Composites. <i>Materials</i> , 2021, 14, 5092.	1.3	1
39	Investigation of the Basic Properties of Ceramic Proppants in Raw State Obtained by the Method of Mechanical Granulation. <i>Acta Physica Polonica A</i> , 2016, 129, 552-555.	0.2	1
40	Effect of polypropylene fiber addition on mechanical properties of concrete based on portland cement. <i>Technical Sciences</i> , 2019, 3, 207-214.	0.3	1
41	Luminescence Properties of Nano Zinc Oxide Doped with Al(III) Ions Obtained in Microwave-Assisted Hydrothermal Synthesis. <i>Materials</i> , 2022, 15, 1403.	1.3	1
42	Experimental ceramic proppants characterization in the process of shale gas extraction. , 2016, , 516-517.	0.2	0
43	Characterization and evaluation properties of ceramic proppants used in the extraction of the unconventional hydrocarbons. , 2016, , 518-519.	0.2	0
44	Effect of adding water-based binders on the technological properties of ceramic slurries based on silicon carbide. <i>Materiali in Tehnologije</i> , 2017, 51, 225-227.	0.3	0
45	Wear Analysis of Additively Manufactured Slipper-Retainer in the Axial Piston Pump. <i>Materials</i> , 2022, 15, 1995.	1.3	0