

# Marcin MaÅ,ek

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The impact of temperature and mechanical load on corrosion resistance of anodized aluminum EN AW-6063 (T6 temper) alloy for potential architectonic application. Journal of Building Engineering, 2022, 50, 104128.	1.6	4
2	Luminescence Properties of Nano Zinc Oxide Doped with Al(III) Ions Obtained in Microwave-Assisted Hydrothermal Synthesis. Materials, 2022, 15, 1403.	1.3	1
3	Wear Analysis of Additively Manufactured Slipper-Retainer in the Axial Piston Pump. Materials, 2022, 15, 1995.	1.3	0
4	Cement-glass composite bricks (CGCB) with interior 3D printed PET-G scaffolding. Journal of Building Engineering, 2022, 52, 104429.	1.6	8
5	Microwave-Assisted Hydrothermal Synthesis of Zinc-Aluminum Spinel ZnAl <sub>2</sub> O <sub>4</sub> . Materials, 2022, 15, 245.	1.3	7
6	A Comparative Study on Laser Powder Bed Fusion of Differently Atomized 316L Stainless Steel. Materials, 2022, 15, 4938.	1.3	6
7	Mechanical and Material Properties of Mortar Reinforced with Glass Fiber: An Experimental Study. Materials, 2021, 14, 698.	1.3	36
8	Comparative Analysis of Slip Resistance Test Methods for Granite Floors. Materials, 2021, 14, 1108.	1.3	16
9	Influence of Polypropylene, Glass and Steel Fiber on the Thermal Properties of Concrete. Materials, 2021, 14, 1888.	1.3	19
10	Effect of Metal Lathe Waste Addition on the Mechanical and Thermal Properties of Concrete. Materials, 2021, 14, 2760.	1.3	17
11	An Experimental Study of Possible Post-War Ferronickel Slag Waste Disposal in Szklary (Lower) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Mechanical, and Thermal Properties. Materials, 2021, 14, 2552.	1.3	5
12	Influence of Flow Divider on Overall Efficiency of a Hydrostatic Drivetrain of a Skid-Steer All-Wheel Drive Multiple-Axle Vehicle. Energies, 2021, 14, 3560.	1.6	2
13	Morphology and Chemical Purity of Water Suspension of Graphene Oxide FLAKES Aged for 14 Months in Ambient Conditions. A Preliminary Study. Materials, 2021, 14, 4108.	1.3	8
14	Safety Comes First: Novel Styrene Butadiene Rubber (SBR) and Ethylene Propylene Diene Monomer (EPDM) Surfaces as a Response to Sport Injuries. Materials, 2021, 14, 3737.	1.3	1
15	Push-Out Method for Micro Measurements of Interfacial Strength in Aluminium Alloy Matrix Composites. Materials, 2021, 14, 5092.	1.3	1
16	Physical and Mechanical Properties of Polypropylene Fibre-Reinforced Cement-Glass Composite. Materials, 2021, 14, 637.	1.3	30
17	An Assessment of the Thermal Behavior of Envelope Surface Coatings with Different Colors. Polymers, 2021, 13, 82.	2.0	3
18	The Influence of the Microstructure of Ceramic-Elastomer Composites on Their Energy Absorption Capability. Materials, 2021, 14, 6618.	1.3	3

#	ARTICLE	IF	CITATIONS
19	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
20	Effect Steel Fibre Content on the Load-Carrying Capacity of Fibre-Reinforced Concrete Expansion Anchor. <i>Materials</i> , 2021, 14, 7757.	1.3	5
21	Effect of Waste Glass Addition as a Replacement for Fine Aggregate on Properties of Mortar. <i>Materials</i> , 2020, 13, 3189.	1.3	69
22	Characteristics of Lightweight Concrete Based on a Synthetic Polymer Foaming Agent. <i>Materials</i> , 2020, 13, 4979.	1.3	26
23	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
24	Characteristics of Recycled Polypropylene Fibers as an Addition to Concrete Fabrication Based on Portland Cement. <i>Materials</i> , 2020, 13, 1827.	1.3	55
25	Characterization of recycled glass-cement composite: mechanical strength. <i>Materiali in Tehnologije</i> , 2020, 54, 473-477.	0.3	4
26	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
27	Influence of silicone carbide additions on the mechanical properties of concrete. <i>Materiali in Tehnologije</i> , 2020, 54, 595-599.	0.3	7
28	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
29	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
30	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
31	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
32	Characterization of new filler additions affecting the mechanical strength of concrete. <i>Materiali in Tehnologije</i> , 2019, 53, 399-403.	0.3	2
33	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
34	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
35	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
36	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

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37	Optimizing the Lightweight Ceramic Proppants Properties. Acta Physica Polonica A, 2016, 129, 501-503.	0.2	2
38	Technological Properties of Ceramic Slurries Based on Silicon Carbide with Poly(vinyl alcohol) Addition for Shell Moulds Fabrication in Precision Casting Process. Acta Physica Polonica A, 2016, 129, 528-530.	0.2	4
39	Investigation of the Basic Properties of Ceramic Proppants in Raw State Obtained by the Method of Mechanical Granulation. Acta Physica Polonica A, 2016, 129, 552-555.	0.2	1
40	Rheological properties of alumina ceramic slurries for ceramic shell-mould fabrication. Materiali in Tehnologije, 2016, 50, 735-738.	0.3	2
41	Experimental ceramic proppants characterization in the process of shale gas extraction. , 2016, , 516-517.	0.2	0
42	Characterization and evaluation properties of ceramic proppants used in the extraction of the unconventional hydrocarbons. , 2016, , 518-519.	0.2	0
43	Precise Determination of Thicknesses of Multilayer Polyethylene Composite Materials by Terahertz Time-Domain Spectroscopy. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 578-596.	1.2	35
44	Technological properties of ceramic slurries based on aluminium III oxide for ceramic shell moulds fabrication. , 2015, , 127/235-127/242.	0.2	3
45	Technological Properties of SiC-Based Ceramic Slurries for Manufacturing Investment Casting Shell Moulds. Archives of Metallurgy and Materials, 2014, 59, 1059-1062.	0.6	4