

Janusz MikuÅ,a

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Insulation and Thermally Resistant Materials Made of Geopolymer Foams. <i>Procedia Engineering</i> , 2016, 151, 410-416.	1.2	90
2	Alkali Activation of Waste Clay Bricks: Influence of The Silica Modulus, SiO ₂ /Na ₂ O, H ₂ O/Na ₂ O Molar Ratio, and Liquid/Solid Ratio. <i>Materials</i> , 2020, 13, 383.	2.9	44
3	Mechanical Properties of Short Fiber-Reinforced Geopolymers Made by Casted and 3D Printing Methods: A Comparative Study. <i>Materials</i> , 2020, 13, 579.	2.9	40
4	Thermal behavior and physical characteristics of synthetic zeolite from CFB-coal fly ash. <i>Microporous and Mesoporous Materials</i> , 2016, 220, 155-162.	4.4	38
5	Geopolymers as a material suitable for immobilization of fly ash from municipal waste incineration plants. <i>Journal of the Air and Waste Management Association</i> , 2018, 68, 1190-1197.	1.9	35
6	Optimal Design of pH-neutral Geopolymer Foams for Their Use in Ecological Plant Cultivation Systems. <i>Materials</i> , 2019, 12, 2999.	2.9	28
7	Thermal analysis of the by-products of waste combustion. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 1035-1045.	3.6	25
8	Thermal phenomena of alkali-activated metakaolin studied with a negative temperature coefficient system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4167-4175.	3.6	25
9	Thermal analysis of the products of alkali activation of fly ash from CFB boilers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 1609-1621.	3.6	20
10	The Influence of Short Coir, Glass and Carbon Fibers on the Properties of Composites with Geopolymer Matrix. <i>Materials</i> , 2021, 14, 4599.	2.9	20
11	Geopolymer foam as a passive fire protection. <i>MATEC Web of Conferences</i> , 2018, 247, 00031.	0.2	19
12	3D Printing of Concrete-Geopolymer Hybrids. <i>Materials</i> , 2022, 15, 2819.	2.9	19
13	Characterization of the products obtained from alkaline conversion of tuff and metakaolin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 217-226.	3.6	18
14	The overview of mechanical properties of short natural fiber reinforced geopolymer composites. <i>Environmental Research and Technology</i> , 2020, 3, 21-32.	0.7	18
15	Development and Characterization of Thermal Insulation Geopolymer Foams Based on Fly Ash. <i>Proceedings of Engineering and Technology Innovation</i> , 0, 16, 23-29.	0.0	17
16	Characterisation of post-production raw material from the Raciszyn II deposit as a material suitable for the production of alkaline-activated materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4551-4559.	3.6	16
17	Decreasing of Leaching and Improvement of Geopolymer Properties by Addition of Aluminum Calcium Cements and Titanium Oxide. <i>Materials</i> , 2020, 13, 495.	2.9	12
18	Calcined Post-Production Waste as Materials Suitable for the Hydrothermal Synthesis of Zeolites. <i>Materials</i> , 2019, 12, 2742.	2.9	10

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19	The Effect of Additives on the Properties of Metakaolin and Fly Ash Based Geopolymers. MATEC Web of Conferences, 2018, 163, 06005.	0.2	8
20	Surface Modification of Synthetic Zeolites with Ca and HDTMA Compounds with Determination of Their Phytoavailability and Comparison of CEC and AEC Parameters. Materials, 2022, 15, 4083.	2.9	8
21	Process Design for a Production of Sustainable Materials from Post-Production Clay. Materials, 2021, 14, 953.	2.9	7
22	Engineering Properties of Ternary Cementless Blended Materials. International Journal of Engineering and Technology Innovation, 2020, 10, 191-199.	1.2	6
23	Optimizing the L/S Ratio in Geopolymers for the Production of Large-Size Elements with 3D Printing Technology. Materials, 2022, 15, 3362.	2.9	6
24	Stabilization of Ash and Slag from Combustion of Medical Waste in the Geopolymers Matrix. E3S Web of Conferences, 2018, 44, 00110.	0.5	5
25	An Efficacy Assessment of Phosphate Removal from Drainage Waters by Modified Reactive Material. Materials, 2020, 13, 1190.	2.9	5
26	Impact of Flax Fiber Reinforcement on Mechanical Properties of Solid and Foamed Geopolymer Concrete. Advances in Technology Innovation, 0, , .	0.5	5
27	The behaviour of alkali activated materials based on calcium clay at elevated temperatures. MATEC Web of Conferences, 2018, 247, 00054.	0.2	3
28	Production of Zeolite Sorbents from Burning and Co-burning Biomass with Coal. E3S Web of Conferences, 2018, 44, 00097.	0.5	3
29	The Influence of Tuff Particles on the Properties of the Sintered Copper Matrix Composite for Application in Resistance Welding Electrodes. Applied Sciences (Switzerland), 2022, 12, 4477.	2.5	3
30	Obtaining zeolites from slags and ashes from a waste combustion plant in an autoclave process. E3S Web of Conferences, 2017, 17, 00026.	0.5	2
31	SYNTHESIS OF ZEOLITES FROM INCINERATION ASH AND SLAG. Inżynieria Ekologiczna, 2017, 18, 196-201.	0.2	2
32	Characteristics of Sorbent Products Obtained by the Alkaline Activation of Waste from Waste Incineration Plants. Mineralogia, 2017, 48, 87-105.	0.8	0
33	The effect of molding conditions on the quality of geopolymer surfaces. Optica Applicata, 2020, 50, .	0.2	0