

Dariusz Mierzwiński

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8278589/publications.pdf>

Version: 2024-02-01

38
papers

407
citations

759233

12
h-index

839539

18
g-index

38
all docs

38
docs citations

38
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical Investigations of Chitosan-Based Hydrogels Containing Aloe Vera Designed for Biomedical Use. <i>Materials</i> , 2020, 13, 3073.	2.9	61
2	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
3	Bio-Based Polyethylene Composites with Natural Fiber: Mechanical, Thermal, and Ageing Properties. <i>Materials</i> , 2020, 13, 2595.	2.9	35
4	Effect of cold-induced changes in physical and chemical leaf properties on the resistance of winter triticale (<i>Triticosecale</i>) to the fungal pathogen <i>Microdochium nivale</i> . <i>Plant Pathology</i> , 2013, 62, 867-878.	2.4	29
5	Fly-Ash-Based Geopolymers Reinforced by Melamine Fibers. <i>Materials</i> , 2021, 14, 400.	2.9	26
6	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
7	Mechanical, Thermal and Microstructural Characteristic of 3D Printed Polylactide Composites with Natural Fibers: Wood, Bamboo and Cork. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2341-2354.	5.0	24
8	Foamed Geopolymer Composites with the Addition of Glass Wool Waste. <i>Materials</i> , 2021, 14, 4978.	2.9	22
9	Geopolymer foam as a passive fire protection. <i>MATEC Web of Conferences</i> , 2018, 247, 00031.	0.2	19
10	A Comparative Study of Mechanical Properties of Fly Ash-Based Geopolymer Made by Casted and 3D Printing Methods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 660, 012005.	0.6	16
11	Mechanical Properties of Basalt Fiber Reinforced Fly Ash-Based Geopolymer Composites. <i>KnE Engineering</i> , 0, , .	0.1	14
12	Effect of Coffee Grounds Addition on Efflorescence in Fly Ash-based Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 416, 012035.	0.6	13
13	The Synthesis Methodology of PEGylated Fe ₃ O ₄ @Ag Nanoparticles Supported by Their Physicochemical Evaluation. <i>Molecules</i> , 2021, 26, 1744.	3.8	13
14	Estimation of the effect of redox treatment on microstructure and tendency to brittle fracture of anode materials of YSZ-NiO(Ni) system. <i>Eastern-European Journal of Enterprise Technologies</i> , 2020, 6, 61-71.	0.5	12
15	Mechanical properties of geopolymers reinforced with carbon and aramid long fibers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 706, 012011.	0.6	9
16	Stabilization of Ash and Slag from Combustion of Medical Waste in the Geopolymers Matrix. <i>E3S Web of Conferences</i> , 2018, 44, 00110.	0.5	5
17	ALKALINE TREATMENT AND IMMOBILIZATION OF SECONDARY WASTE FROM WASTE INCINERATION. <i>Inżynieria Ekologiczna</i> , 2017, 18, 102-108.	0.2	4
18	Concept of Flocks Fragmentation and Averaging Method for the Application of Electrocoagulation in Process for Coke Oven Wastewater Treatment. <i>Materials</i> , 2021, 14, 6307.	2.9	4

#	ARTICLE	IF	CITATIONS
19	The behaviour of alkali activated materials based on calcium clay at elevated temperatures. MATEC Web of Conferences, 2018, 247, 00054.	0.2	3
20	Production of Zeolite Sorbents from Burning and Co-burning Biomass with Coal. E3S Web of Conferences, 2018, 44, 00097.	0.5	3
21	Autoclaving of alkali-activated materials. IOP Conference Series: Materials Science and Engineering, 2019, 706, 012012.	0.6	3
22	Utilization of innovative system for coke oven wastewater treatment as an element of stabilization technology for post-process waste from municipal incineration plants. IOP Conference Series: Materials Science and Engineering, 2019, 706, 012018.	0.6	3
23	The impact of the curing process on the efflorescence and mechanical properties of basalt fibre reinforced fly ash-based geopolymer composites. MATEC Web of Conferences, 2020, 322, 01004.	0.2	3
24	The Determination of the Electronic Parameters of Thin Amorphous Organic Films by Ellipsometric and Spectrophotometric Study. Coatings, 2020, 10, 980.	2.6	3
25	Multistep Chemical Processing of Crickets Leading to the Extraction of Chitosan Used for Synthesis of Polymer Drug Carriers. Materials, 2021, 14, 5070.	2.9	3
26	The Variable Frequency Conductivity of Geopolymers during the Long Aging Period. Materials, 2021, 14, 5648.	2.9	3
27	UTILIZATION METHODS OF SLAGS AND ASH FROM WASTE INCINERATION PLANTS. Inżynieria Ekologiczna, 2017, 18, 37-46.	0.2	3
28	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
29	Organic Polymers Reinforced Inorganic Polymers - An Overview. IOP Conference Series: Materials Science and Engineering, 2018, 416, 012090.	0.6	2
30	Porosity and Microstructure Iron-Based Graded Materials Sintered by Spark Plasma Sintering and the Conventional Method. Metals, 2019, 9, 264.	2.3	2
31	The influence of alkaline activator concentration on the apparent activation energy of alkali-activated materials. MATEC Web of Conferences, 2020, 322, 01008.	0.2	2
32	SYNTHESIS OF ZEOLITES FROM INCINERATION ASH AND SLAG. Inżynieria Ekologiczna, 2017, 18, 196-201.	0.2	2
33	Investigations on the Influence of Collagen Type on Physicochemical Properties of PVP/PVA Composites Enriched with Hydroxyapatite Developed for Biomedical Applications. Materials, 2022, 15, 37.	2.9	2
34	Effect of Annealing on the Impact Resistance and Fracture Mechanism of PNC-60 Sinters After Cold Plastic Deformation. Journal of Materials Engineering and Performance, 2019, 28, 2439-2450.	2.5	1
35	Analysis of the alkali-activated fly ashes from electrostatic precipitators by impedance measurements. IOP Conference Series: Materials Science and Engineering, 2019, 706, 012013.	0.6	1
36	Electrochemical impedance spectroscopy analysis of iodine/potassium iodide electrolyte influence on spin-coated platinum counter-electrode on FTO glass. IOP Conference Series: Materials Science and Engineering, 2019, 706, 012008.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Abrasive water jet machining of fly ash and metakaolin based geo-polymers. MATEC Web of Conferences, 2020, 322, 01020.	0.2	0
38	Laser modification of high-strength steels. Proceedings of SPIE, 1997, , .	0.8	0