

# Dariusz Mierzwiński

## List of Publications by Year in descending order

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38  
papers

407  
citations

759233

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839539

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times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on the Influence of Collagen Type on Physicochemical Properties of PVP/PVA Composites Enriched with Hydroxyapatite Developed for Biomedical Applications. <i>Materials</i> , 2022, 15, 37.	2.9	2
2	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
3	The Synthesis Methodology of PEGylated Fe <sub>3</sub> O <sub>4</sub> @Ag Nanoparticles Supported by Their Physicochemical Evaluation. <i>Molecules</i> , 2021, 26, 1744.	3.8	13
4	Foamed Geopolymer Composites with the Addition of Glass Wool Waste. <i>Materials</i> , 2021, 14, 4978.	2.9	22
5	Multistep Chemical Processing of Crickets Leading to the Extraction of Chitosan Used for Synthesis of Polymer Drug Carriers. <i>Materials</i> , 2021, 14, 5070.	2.9	3
6	The Variable Frequency Conductivity of Geopolymers during the Long Aging Period. <i>Materials</i> , 2021, 14, 5648.	2.9	3
7	Fly-Ash-Based Geopolymers Reinforced by Melamine Fibers. <i>Materials</i> , 2021, 14, 400.	2.9	26
8	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
9	Abrasive water jet machining of fly ash and metakaolin based geo-polymers. <i>MATEC Web of Conferences</i> , 2020, 322, 01020.	0.2	0
10	Physicochemical Investigations of Chitosan-Based Hydrogels Containing Aloe Vera Designed for Biomedical Use. <i>Materials</i> , 2020, 13, 3073.	2.9	61
11	The impact of the curing process on the efflorescence and mechanical properties of basalt fibre reinforced fly ash-based geopolymer composites. <i>MATEC Web of Conferences</i> , 2020, 322, 01004.	0.2	3
12	The Determination of the Electronic Parameters of Thin Amorphous Organic Films by Ellipsometric and Spectrophotometric Study. <i>Coatings</i> , 2020, 10, 980.	2.6	3
13	Bio-Based Polyethylene Composites with Natural Fiber: Mechanical, Thermal, and Ageing Properties. <i>Materials</i> , 2020, 13, 2595.	2.9	35
14	The influence of alkaline activator concentration on the apparent activation energy of alkali-activated materials. <i>MATEC Web of Conferences</i> , 2020, 322, 01008.	0.2	2
15	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
16	Effect of Annealing on the Impact Resistance and Fracture Mechanism of PNC-60 Sinters After Cold Plastic Deformation. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2439-2450.	2.5	1
17	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
18	Porosity and Microstructure Iron-Based Graded Materials Sintered by Spark Plasma Sintering and the Conventional Method. <i>Metals</i> , 2019, 9, 264.	2.3	2

#	ARTICLE	IF	CITATIONS
19	Mechanical properties of geopolymers reinforced with carbon and aramid long fibers. IOP Conference Series: Materials Science and Engineering, 2019, 706, 012011.	0.6	9
20	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
21	Autoclaving of alkali-activated materials. IOP Conference Series: Materials Science and Engineering, 2019, 706, 012012.	0.6	3
22	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
23	A Comparative Study of Mechanical Properties of Fly Ash-Based Geopolymer Made by Casted and 3D Printing Methods. IOP Conference Series: Materials Science and Engineering, 2019, 660, 012005.	0.6	16
24	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
25	The behaviour of alkali activated materials based on calcium clay at elevated temperatures. MATEC Web of Conferences, 2018, 247, 00054.	0.2	3
26	Organic Polymers Reinforced Inorganic Polymers - An Overview. IOP Conference Series: Materials Science and Engineering, 2018, 416, 012090.	0.6	2
27	Geopolymer foam as a passive fire protection. MATEC Web of Conferences, 2018, 247, 00031.	0.2	19
28	Stabilization of Ash and Slag from Combustion of Medical Waste in the Geopolymers Matrix. E3S Web of Conferences, 2018, 44, 00110.	0.5	5
29	Production of Zeolite Sorbents from Burning and Co-burning Biomass with Coal. E3S Web of Conferences, 2018, 44, 00097.	0.5	3
30	Effect of Coffee Grounds Addition on Efflorescence in Fly Ash-based Geopolymer. IOP Conference Series: Materials Science and Engineering, 2018, 416, 012035.	0.6	13
31	Geopolymers as a material suitable for immobilization of fly ash from municipal waste incineration plants. Journal of the Air and Waste Management Association, 2018, 68, 1190-1197.	1.9	35
32	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
33	SYNTHESIS OF ZEOLITES FROM INCINERATION ASH AND SLAG. Inżynieria Ekologiczna, 2017, 18, 196-201.	0.2	2
34	ALKALINE TREATMENT AND IMMOBILIZATION OF SECONDARY WASTE FROM WASTE INCINERATION. Inżynieria Ekologiczna, 2017, 18, 102-108.	0.2	4
35	UTILIZATION METHODS OF SLAGS AND ASH FROM WASTE INCINERATION PLANTS. Inżynieria Ekologiczna, 2017, 18, 37-46.	0.2	3
36	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> . Plant Pathology, 2013, 62, 867-878.	2.4	29

#	ARTICLE	IF	CITATIONS
37	Laser modification of high-strength steels. Proceedings of SPIE, 1997, , .	0.8	0
38	Mechanical Properties of Basalt Fiber Reinforced Fly Ash-Based Geopolymer Composites. KnE Engineering, 0, , .	0.1	14