

# Mariusz MÅ,ynarczuk

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

283  
citations

1162367

8  
h-index

887659

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

273  
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of pattern recognition in the automatic classification of microscopic rock images. Computers and Geosciences, 2013, 60, 126-133.	2.0	87
2	Description and classification of rock surfaces by means of laser profilometry and mathematical morphology. International Journal of Rock Mechanics and Minings Sciences, 2010, 47, 138-149.	2.6	43
3	The application of artificial intelligence for the identification of the maceral groups and mineral components of coal. Computers and Geosciences, 2017, 103, 133-141.	2.0	35
4	Structural aspects of gas and dolomite outburst in Rudna copper mine, Poland. International Journal of Rock Mechanics and Minings Sciences, 2013, 57, 113-118.	2.6	21
5	The application of the automatic search for visually similar geological layers in a borehole in introsopic camera recordings. Measurement: Journal of the International Measurement Confederation, 2016, 85, 142-151.	2.5	14
6	Application of pattern recognition methods to automatic identification of microscopic images of rocks registered under different polarization and lighting conditions. Geology Geophysics & Environment, 2013, 39, 373.	1.0	12
7	Search of visually similar microscopic rock images. Computational Geosciences, 2015, 19, 127-136.	1.2	10
8	Synergy of Parameters Determining the Optimal Properties of Coal as a Natural Sorbent. Energies, 2020, 13, 1967.	1.6	8
9	The Research into the Quality of Rock Surfaces Obtained by Abrasive Water Jet Cutting. Archives of Mining Sciences, 2014, 59, 925-940.	0.6	7
10	Application of image processing and different types of imaging devices for three-dimensional imaging of coal grains. Engineering Geology, 2015, 196, 286-292.	2.9	6
11	Evaluation of Local Matching Methods in Image Analysis for Mineral Grain Tracking in Microscope Images of Rock Sections. Minerals (Basel, Switzerland), 2018, 8, 182.	0.8	6
12	CO2 Adsorption&#x2013;Desorption Kinetics from the Plane Sheet of Hard Coal and Associated Shrinkage of the Material. Energies, 2019, 12, 4013.	1.6	6
13	Estimation of Coal&#x2013;TM's Sorption Parameters Using Artificial Neural Networks. Materials, 2020, 13, 5422.	1.3	6
14	Determining rock pore space using image processing methods. Geology Geophysics & Environment, 2013, 39, 45.	1.0	5
15	Object Retrieval in Microscopic Images of Rocks Using the Query by Sketch Method. Applied Sciences (Switzerland), 2020, 10, 278.	1.3	4
16	MLP-Based Model for Estimation of Methane Seam Pressure. Energies, 2021, 14, 7661.	1.6	4
17	The Data Exploration System for Image Processing Based on Server-Side Operations. Lecture Notes in Computer Science, 2013, , 168-176.	1.0	3
18	Changes of Selected Structural and Mechanical Properties of the Strzelin Granites As Induced By Thermal Loads / Wp&#x2013;yw Obci&#x2013;...&#x2013;4e&#x2013;, Termicznych Na Zmiany Niekt&#x2013;rych Strukturalnych I Mechanicznych W&#x2013;a&#x2013;ciwo&#x2013;ci Granit&#x2013;w Strzeli&#x2013;,skich. Archives of Mining Sciences, 2012, 57, 951-974.	0.6	2

#	ARTICLE	IF	CITATIONS
19	SPECKLE FILTERING IN SAR IMAGES USING MORPHOLOGICAL FILTERS. , 2018, , .		2
20	<title>Directional fibers analysis</title>. , 1996, 2786, 146.		0
21	The Three-Dimensional Imaging of Rock Wall Surface with the Use of Computer-Based Image Processing and Analysis. Studia Geotechnica Et Mechanica, 2015, 37, 53-58.	0.2	0
22	Modelowe badania nasycania sorbentu wÄ™głowego gazem z uwzglÄ™dnieniem geometrii przestrzennej ziaren. Przemysl Chemiczny, 2018, 1, 126-130.	0.0	0
23	Granulation-Based Reverse Image Retrieval for Microscopic Rock Images. Lecture Notes in Computer Science, 2020, , 74-86.	1.0	0