Tomasz Niedoba

List of Publications by Year
in descending order

34 papers	**195** citations	1162889 **8** h-index	1281743 **11** g-index
36 all docs	**36** docs citations	**36** times ranked	**87** citing authors

#	Article	IF	Citations
1	An Evaluation on the Impact of Ore Fragmented by Blasting on Mining Performance. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlc	0.8	7
2	Analysis of the Aggregate Production Process with Different Geometric Properties in the Light Fraction Separator. Materials, 2022, 15, 4046.	1.3	3
3	Effect of Power Ultrasound on Wettability and Collector-Less Floatability of Chalcopyrite, Pyrite and Quartz. Minerals (Basel, Switzerland), 2021, 11, 48.	0.8	10
4	A Novel Open-System Method for Synthesizing Muscovite from a Biotite-Rich Coal Tailing. Minerals (Basel, Switzerland), 2021, 11, 269.	0.8	4
5	Hydrometallurgical Synthesis of Nickel Nano-Sulfides from Spent Lithium-Ion Batteries. Minerals (Basel, Switzerland), 2021, 11, 419.	0.8	16
6	Multidimensional Optimization of the Copper Flotation in a Jameson Cell by Means of Taxonomic Methods. Minerals (Basel, Switzerland), 2021, 11, 385.	0.8	3
7	Advanced Simulation of Removing Chromium from a Synthetic Wastewater by Rhamnolipidic Bioflotation Using Hybrid Neural Networks with Metaheuristic Algorithms. Materials, 2021, 14, 2880.	1.3	9
8	Models of Air Pollution Propagation in the Selected Region of Katowice. Atmosphere, 2021, 12, 695.	1.0	3
9	Determination of the Important Operating Variables On Cleaning Fine Coal by Knelson Concentrator and Evaluation Of The Performance Through Upgrading Curves. International Journal of Coal Preparation and Utilization, 2020, 40, 666-678.	1.2	7
10	Parametric Optimization in Rougher Flotation Performance of a Sulfidized Mixed Copper Ore. Minerals (Basel, Switzerland), 2020, 10, 660.	0.8	15
11	The Use of Neural Networks in Combination with Evolutionary Algorithms to Optimise the Copper Flotation Enrichment Process. Applied Sciences (Switzerland), 2020, 10, 3119.	1.3	8
12	The Influence of Selected Properties of Particles in the Jigging Process of Aggregates on an Example of Chalcedonite. Minerals (Basel, Switzerland), 2020, 10, 600.	0.8	7
13	Optimization of reagent dosages with the use of response surface methodology and evaluation of test results with upgrading curves in graphite flotation. Particulate Science and Technology, 2019, 37, 171-181.	1.1	2
14	Studies on Polish copper ore beneficiation in Jameson cell. IOP Conference Series: Materials Science and Engineering, 2018, 427, 012009.	0.3	2
15	Multidimensional Analysis of Copper Ore Flotation in Terms of Applied Hydrophobizing Agents. E3S Web of Conferences, 2018, 35, 01010.	0.2	0
16	Analysis of hard coal quality for narrow size fraction under 20 mm. E3S Web of Conferences, 2018, 29, 00016.	0.2	0
17	Analysis of distributions of various coal types properties by means of statistical methods. IOP Conference Series: Materials Science and Engineering, 2018, 427, 012008.	0.3	2
18	Grinding Kinetics Adjustment of Copper Ore Grinding in an Innovative Electromagnetic Mill. Applied Sciences (Switzerland), 2018, 8, 1322.	1.3	7

#	Article	IF	Citations
19	Application of Multi-Parameter Data Visualization by Means of Multidimensional Scaling to Evaluate Possibility of Coal Gasification. Archives of Mining Sciences, 2017, 62, 445-457.	0.6	5
20	Approximation of Partition Curves for Electromagnetic Mill with Inertial Classifier â€" Case study. IOP Conference Series: Earth and Environmental Science, 2017, 95, 042037.	0.2	3
21	A multidimensional analysis and modelling of flotation process for selected Polish lithological copper ore types. E3S Web of Conferences, 2017, 18, 01005.	0.2	3
22	Application Of Relevance Maps Method To Evaluate The Suitability Of Coal Samples For Fluidal Gasification Process. E3S Web of Conferences, 2016, 10, 00065.	0.2	1
23	Mathematical models of hydrocyclone performance in various copper ores preparation circuits. E3S Web of Conferences, 2016, 8, 01028.	0.2	1
24	The Use of the Visualisation of Multidimensional Data Using PCA to Evaluate Possibilities of the Division of Coal Samples Space Due to their Suitability for Fluidised Gasification. Archives of Mining Sciences, 2016, 61, 523-535.	0.6	2
25	Multidimensional statistical and visualization methods in description of grained materials. E3S Web of Conferences, 2016, 8, 01036.	0.2	3
26	Determination of partition surface of grained material by means of non-classical approximation methods of distributions functions of particle size and density. Gospodarka Surowcami Mineralnymi / Mineral Resources Management, 2016, 32, 137-154.	0.2	1
27	Statistical analysis of sedimentation process of mineral suspension with application of bioflocculation. , 2016, , 759-764.		0
28	Application of Relevance Maps in Multidimensional Classification of Coal Types / Zastosowanie Map Odniesienia W Wielowymiarowej Klasyfikacji Typ³w WÄ™gla. Archives of Mining Sciences, 2015, 60, 93-106.	0.6	10
29	Application of Multidimensional Data Visualization by Means of Self-Organizing Kohonen Maps to Evaluate Classification Possibilities of Various Coal Types / Zastosowanie Wizualizacji Wielowymiarowych Danych Za PomocÄ… Sieci Kohonena Do Oceny MoÅ¼liwoÅ›ci Klasyfikacji RÃ³Å¼nych TypÃ³w WÄ™gla. Archives of Mining Sciences, 2015, 60, 39-50.	0.6	19
30	Multi-Criteria Evaluation of Coal Properties in Terms of Gasification. Archives of Mining Sciences, 2014, 59, 677-690.	0.6	3
31	VISUALIZATION OF MULTIDIMENSIONAL DATA IN PURPOSE OF QUALITATIVE CLASSIFICATION OF VARIOUS TYPES OF COAL / WIZUALIZACJA WIELOWYMIAROWYCH DANYCH W CELU KLASYFIKACJI JAKOÅšCIOWEJ RÃ"Å»NYCH TYPÃ"W WÄ˜GLA. Archives of Mining Sciences, 2013, 58, 1317-1331.	0.6	16
32	Methodological Elements of Applying Two- and Multi-Dimensional Distributions of Grained Materials Properties to Coal Beneficiation. Gospodarka Surowcami Mineralnymi / Mineral Resources Management, 2013, 29, 155-172.	0.2	5
33	Influence of the methods of estimation of the wind velocity distribution parameters on the accuracy of wind energy calculations. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	0
34	The Analysis of Shape Coefficients for Selected Raw Materials. Journal of Applied Sciences, 2007, 7, 2084-2087.	0.1	3