

Arkusz Wojtecki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

254
citations

932766

10
h-index

996533

15
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22
all docs

22
docs citations

22
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of machine learning algorithms to assess the state of rockburst hazard in underground coal mine openings. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022, 14, 703-713.	3.7	33
2	Estimation of active rockburst prevention effectiveness during longwall mining under disadvantageous geological and mining conditions. <i>Journal of Sustainable Mining</i> , 2016, 15, 1-7.	0.1	28
3	Determination of Destress Blasting Effectiveness Using Seismic Source Parameters. <i>Rock Mechanics and Rock Engineering</i> , 2017, 50, 3233-3244.	2.6	24
4	An attempt to determine the seismic moment tensor of tremors induced by destress blasting in a coal seam. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2016, 83, 162-169.	2.6	22
5	The influence of particle size distribution on dose conversion factors for radon progeny in the underground excavations of hard coal mine. <i>Journal of Environmental Radioactivity</i> , 2016, 162-163, 68-79.	0.9	15
6	An Attempt to Use Machine Learning Algorithms to Estimate the Rockburst Hazard in Underground Excavations of Hard Coal Mine. <i>Energies</i> , 2021, 14, 6928.	1.6	15
7	The influence of mining factors on seismic activity during longwall mining of a coal seam. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 429-437.	4.6	14
8	Case Studies of Seismic Energy Release Ahead of Underground Coal Mining Before Strong Tremors. <i>Pure and Applied Geophysics</i> , 2019, 176, 3487-3508.	0.8	13
9	Effects of torpedo blasting on rockburst prevention during deep coal seam mining in the Upper Silesian Coal Basin. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017, 9, 694-701.	3.7	12
10	Aerosol concentration and particle size distributions in underground excavations of a hard coal mine. <i>International Journal of Occupational Safety and Ergonomics</i> , 2017, 23, 318-327.	1.1	11
11	Geophysical Evaluation of Effectiveness of Blasting for Roof Caving During Longwall Mining of Coal Seam. <i>Pure and Applied Geophysics</i> , 2020, 177, 905-917.	0.8	11
12	The influence of distant coal seam edges on seismic hazard during longwall mining. <i>Journal of Seismology</i> , 2021, 25, 283-299.	0.6	10
13	Evaluation of Destress Blasting Effectiveness Using the Seismic Moment Tensor Inversion and Seismic Effect Methods. <i>International Journal of Geomechanics</i> , 2022, 22, .	1.3	10
14	The Influence of a Local Fault Zone on High Energy Tremor Occurrence During Longwall Mining of a Coal Seam. <i>Acta Geophysica</i> , 2016, 64, 1164-1175.	1.0	9
15	Application of Seismic Parameters for Estimation of Destress Blasting Effectiveness. <i>Procedia Engineering</i> , 2017, 191, 750-760.	1.2	6
16	Spatiotemporal analysis of elastic and inelastic deformations in roof-rocks from seismological observations. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 241-251.	4.6	5
17	Analysis of stress level during longwall mining of a coal seam with the use of seismic effect method. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 261, 012057.	0.2	4
18	The seismic source parameters of tremors provoked by destress blastings in coal seam. <i>Journal of Mining Science</i> , 2016, 52, 258-264.	0.1	3

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19	The Seismic Source Parameters of Tremors Provoked by Long-Hole Destress Blasting Executed During the Longwall Mining of a Coal Seam Under Variable Stress Conditions. Pure and Applied Geophysics, 2020, 177, 5723-5739.	0.8	3
20	Edges of overlying seams as a factor responsible for strong mining tremors occurrence during underground hard coal extraction in the light of seismic moment tensor inversion method. E3S Web of Conferences, 2019, 133, 01005.	0.2	1
21	A COMPARISON OF THE SEISMIC EFFECTS OF DIFFERENT BLASTING TYPES EXECUTED DURING THE LONGWALL MINING OF A COAL SEAM. Journal of Mining Science, 2020, 56, 947-961.	0.1	1