Åłukasz Wojtecki

List of Publications by Year
in descending order

21 papers	**254** citations	**10** h-index
15 g-index		
22 all docs	**22** docs citations	**22** times ranked
179 citing authors		

933264

996849

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

#	Article	IF	Citations
19	The seismic source parameters of tremors provoked by destress blastings in coal seam. Journal of Mining Science, 2016, 52, 258-264.	0.1	3
20	Estimation of active rockburst prevention effectiveness during longwall mining under disadvantageous geological and mining conditions. Journal of Sustainable Mining, 2016, 15, 1-7.	0.1	28
21	An attempt to determine the seismic moment tensor of tremors induced by destress blasting in a coal seam. International Journal of Rock Mechanics and Minings Sciences, 2016, 83, 162-169.	2.6	22