

Maciej J Mendecki

List of Publications by Year in descending order

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papers

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933264

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39
all docs

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docs citations

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299
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Damaged Speleothems and Collapsed Karst Chambers Indicate Paleoseismicity of the NE Bohemian Massif (Niedzwiedzia Cave, Poland). <i>Tectonics</i> , 2021, 40, e2020TC006459.	1.3	11
5	A rare signature of subglacial outburst floods developed along structural ice weaknesses in the southern sector of the Scandinavian Ice Sheet during the Drenthian Glaciation, S Poland. <i>Geomorphology</i> , 2021, 378, 107593.	1.1	5
6	Quaternary faulting in the Western Carpathians: Insights into paleoseismology from cave deformations and damaged speleothems (DemánovĀ Cave System, Low Tatra Mts). <i>Tectonophysics</i> , 2021, 820, 229111.	0.9	7
7	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
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. <i>Pure and Applied Geophysics</i> , 2020, 177, 5723-5739.	0.8	3
9	Soft-sediment deformation structures in cave deposits and their possible causes (Kalacka Cave, Tatra) <i>Tectonophysics</i> , 2020, 820, 229111.	1.0	5
10	Geophysical and petrological studies of the former lead smelting waste dump in SÅawkrÅw, Poland. <i>Journal of Applied Geophysics</i> , 2020, 179, 104080.	0.9	9
11	Mining-triggered seismicity governed by a fold hinge zone: The Upper Silesian Coal Basin, Poland. <i>Engineering Geology</i> , 2020, 274, 105728.	2.9	12
12	Ground-motion prediction models evoked by seismicity in the Upper Silesia Coal Basin, Poland, the review with case studies. <i>Geophysical Journal International</i> , 2020, 224, 1381-1403.	1.0	1
13	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
14	Rainwater-induced migration of potentially toxic elements from a Zn-Pb slag dump in Ruda ÅslÅska in light of mineralogical, geochemical and geophysical investigations. <i>Applied Geochemistry</i> , 2019, 109, 104396.	1.4	15
15	Relict landslide development as inferred from speleothem deformation, tectonic data, and geoelectrics. <i>Geomorphology</i> , 2019, 330, 116-128.	1.1	21
16	Physical constraints on speleothem deformations caused by earthquakes, seen from a new perspective: Implications for paleoseismology. <i>Journal of Structural Geology</i> , 2019, 126, 146-155.	1.0	12
17	Ground-motion prediction equation and site effect characterization for the central area of the Main Syncline, Upper Silesia Coal Basin, Poland. <i>Open Geosciences</i> , 2018, 10, 474-483.	0.6	4
18	The utility of rock-bolts as long electrodes for underground ERT surveys in mine settings. <i>Journal of Applied Geophysics</i> , 2018, 155, 122-130.	0.9	8

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19	100 Years of earthquakes in the Pamir region as recorded in juniper wood: A case study of Tajikistan. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 173-185.	1.0	19
20	Application of electrical resistivity imaging (ERI) for the assessment of peat properties: a case study of the Całowanie Fen, Central Poland. <i>Acta Geophysica</i> , 2017, 65, 223-235.	1.0	16
21	Application of Seismic Parameters for Estimation of Destress Blasting Effectiveness. <i>Procedia Engineering</i> , 2017, 191, 750-760.	1.2	6
22	Determination of Destress Blasting Effectiveness Using Seismic Source Parameters. <i>Rock Mechanics and Rock Engineering</i> , 2017, 50, 3233-3244.	2.6	24
23	The application of electromagnetic methods for polymetallic prospecting in mining conditions. <i>Geology Geophysics & Environment</i> , 2017, 43, 181.	1.0	0
24	Determination of Elastic Parameters of Near-Surface Layers Over Subsidence Trough Development During Longwall Exploitation. <i>Archives of Mining Sciences</i> , 2017, 62, 705-716.	0.6	1
25	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
26	Comparison of site effect values obtained by HVSR and HVSRN methods for single-station measurements in Tarnobrzeg, South-Western Poland.. <i>Contemporary Trends in Geoscience</i> , 2016, 5, 18-27.	0.5	2
27	Application of Multichannel Analysis of Surface Waves to S-Phase Wave Anisotropy Estimation. <i>Acta Geophysica</i> , 2016, 64, 1593-1604.	1.0	1
28	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
29	Permafrost prospecting and geological structure of Babia Góra in the light of the electroresistivity imaging method. <i>Przeład Geograficzny</i> , 2016, 88, 31-51.	0.2	2
30	The use of geoelectrical method in preliminary investigation of the Fredro Family's iron mine adit in the village of Cisna, the Bieszczady Mountains, SE Poland. <i>Acta Geodynamica Et Geomaterialia</i> , 2015, , 159-165.	0.3	0
31	Application of DOI index to analysis of selected examples of resistivity imaging models in Quaternary sediments. <i>Studia Quaternaria</i> , 2014, 31, 109-114.	0.8	3
32	An attempt to dendroclimatic reconstruction of winter temperature based on multispecies tree-ring widths and extreme years chronologies (example of Upper Silesia, Southern Poland). <i>Theoretical and Applied Climatology</i> , 2014, 115, 73-89.	1.3	29
33	Application of passive seismic to shallow geological structures in urban areas. <i>Studia Quaternaria</i> , 2014, 31, 115-122.	0.8	1
34	Determination of the resonance frequency – thickness relation based on the ambient seismic noise records from Upper Silesia Coal Basin. <i>Contemporary Trends in Geoscience</i> , 2014, 3, 41-51.	0.5	9
35	Preliminary results of fractal analysis of the polygonal survey from cave: case study of Małocznik area (Tatra Mts.). <i>Contemporary Trends in Geoscience</i> , 2013, 2, 95-100.	0.5	0
36	Ground-motion prediction equations for induced seismicity in the main anticline and main syncline, Upper Silesian Coal Basin, Poland. <i>Acta Geophysica</i> , 2012, 60, 410-425.	1.0	10

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37	Seismic and Geodetic Observations of Subsidence Trough Development Over a Longwall Face in a Coal Bed Under Extraction. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2011, , 71-79.	0.2	3