

Tadeusz Magiera

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54 papers	1,612 citations	21 h-index	39 g-index
55 ext. papers	1,766 ext. citations	5 avg, IF	4.8 L-index

#	Paper	IF	Citations
54	Technogenic magnetic particles from steel metallurgy and iron mining in topsoil: Indicative characteristic by magnetic parameters and Mössbauer spectra. <i>Science of the Total Environment</i> , 2021 , 775, 145605	10.2	2
53	Peat bogs as archives of local ore mining and smelting activities over the centuries: A case study of Miasteczko Źelazna Góra (Upper Silesia, Poland). <i>Catena</i> , 2021 , 198, 105063	5.8	6
52	Application of different geophysical techniques to study Technosol developed on metallurgical wastes. <i>Land Degradation and Development</i> , 2021 , 32, 1927-1937	4.4	0
51	Integrated geophysical and geochemical methods applied for recognition of acid waste drainage (AWD) from Zn-Pb post-flotation tailing pile (Olkusz, southern Poland). <i>Environmental Science and Pollution Research</i> , 2020 , 27, 16731-16744	5.1	7
50	Assessment of elements mobility in anthropogenic layer of historical wastes related to glass production in Izera Mountains (SW Poland). <i>Science of the Total Environment</i> , 2020 , 735, 139526	10.2	0
49	Geochemical characteristics of solid particles deposited on experimental plots established for traffic pollution monitoring in different countries. <i>Chemosphere</i> , 2020 , 260, 127575	8.4	1
48	Integrated Magnetic Analyses for the Discrimination of Urban and Industrial Dusts. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 1056	2.4	3
47	Towards magnetometric characterization of soil pollution with rare-earth elements in industrial areas of Upper Silesian Industrial Area, Southern Poland. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	7
46	Combination of different geophysical techniques for the location of historical waste in the Izera Mountains (SW Poland). <i>Science of the Total Environment</i> , 2019 , 682, 226-238	10.2	6
45	Magnetic susceptibility as indicator of anthropogenic disturbances in forest topsoil: A review of magnetic studies carried out in Central European forests. <i>Ecological Indicators</i> , 2019 , 106, 105518	5.8	7
44	Impact of an iron mine and a nickel smelter at the Norwegian-Russian border close to the Barents Sea on surface soil magnetic susceptibility and content of potentially toxic elements. <i>Chemosphere</i> , 2018 , 195, 48-62	8.4	20
43	Technogenic magnetic particles of topsoil from different sources of emission - A case study from upper silesian conurbation, Poland. <i>MATEC Web of Conferences</i> , 2018 , 247, 00051	0.3	2
42	Application of magnetic susceptibility in assessment of heavy metal contamination of Saxonian soil (Germany) caused by industrial dust deposition. <i>Geoderma</i> , 2017 , 295, 10-21	6.7	45
41	Application of magnetometry to assess distribution of dust pollution in topsoil of under-crown area of Norway spruce (Picea abies Karst.) and European beech (Fagus sylvatica L.). <i>Catena</i> , 2017 , 150, 246-255	5.8	8
40	Iron-containing phases in metallurgical and coke dusts as well as in bog iron ore. <i>Nukleonika</i> , 2017 , 62, 187-195	1	8
39	Integration of soil magnetometry and geochemistry for assessment of human health risk from metallurgical slag dumps. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 26410-26423	5.1	11
38	Magnetometric assessment of soil contamination in problematic area using empirical Bayesian and indicator kriging: A case study in Upper Silesia, Poland. <i>Geoderma</i> , 2017 , 308, 69-77	6.7	28

37	Radiocarbon and lead-210 age-depth model and trace elements concentration in the Wolbrom fen (S Poland). <i>Geochronometria</i> , 2017 , 44, 40-48	1	2
36	Geostatistical discrimination between different sources of soil pollutants using a magneto-geochemical data set. <i>Chemosphere</i> , 2016 , 164, 668-676	8.4	17
35	Toward a Cost-Efficient Method for Monitoring of Traffic-Derived Pollutants with Quartz Sand Boxes. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	6
34	Background value of magnetic susceptibility in forest topsoil: Assessment on the basis of studies conducted in forest preserves of Poland. <i>Geoderma</i> , 2016 , 264, 140-149	6.7	17
33	Technogenic magnetic particles in soils as evidence of historical mining and smelting activity: A case of the Brynica River Valley, Poland. <i>Science of the Total Environment</i> , 2016 , 566-567, 536-551	10.2	16
32	A methodology of integration of magnetometric and geochemical soil contamination measurements. <i>Geoderma</i> , 2016 , 277, 51-60	6.7	13
31	Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach. <i>Environmental Pollution</i> , 2016 , 214, 464-477	9.3	37
30	The influence of the wind direction and plants on the variability of topsoil magnetic susceptibility in industrial and urban areas of southern Poland. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	11
29	Traffic-Related Pollutants in Roadside Soils of Different Countries in Europe and Asia. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	37
28	Spatial variation of soil magnetic susceptibility in relation to different emission sources in southern Poland. <i>Geoderma</i> , 2015 , 255-256, 94-103	6.7	28
27	Micro-scale spatial correlation of magnetic susceptibility in soil profile in forest located in an industrial area. <i>Geoderma</i> , 2015 , 249-250, 61-68	6.7	7
26	Magnetic characteristics of industrial dust from different sources of emission: A case study of Poland. <i>Journal of Applied Geophysics</i> , 2015 , 116, 84-92	1.7	40
25	Geostatistical Microscale Study of Magnetic Susceptibility in Soil Profile and Magnetic Indicators of Potential Soil Pollution. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 142	2.6	15
24	Impact of artifacts on topsoil magnetic susceptibility enhancement in urban parks of the Upper Silesian conurbation datasets. <i>Journal of Soils and Sediments</i> , 2015 , 15, 1836-1846	3.4	25
23	Efficiency of stepwise magnetic-chemical site assessment for fly ash derived heavy metal pollution. <i>Geophysical Journal International</i> , 2015 , 203, 767-775	2.6	13
22	Monitoring-based discrimination of pathways of traffic-derived pollutants. <i>Studia Geophysica Et Geodaetica</i> , 2015 , 59, 594-613	0.7	3
21	Coke industry and steel metallurgy as the source of soil contamination by technogenic magnetic particles, heavy metals and polycyclic aromatic hydrocarbons. <i>Chemosphere</i> , 2015 , 138, 863-73	8.4	74
20	Characteristics of current roadside pollution using test-monitoring plots. <i>Science of the Total Environment</i> , 2015 , 505, 795-804	10.2	17

19	Technogenic Magnetic Particles in Alkaline Dusts from Power and Cement Plants. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1389	2.6	37
18	Geostatistical 3-dimensional integration of measurements of soil magnetic susceptibility. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 3267-78	3.1	21
17	Study of forest soils on an area of magnetic and geochemical anomaly in north-eastern Poland. <i>Geoderma</i> , 2011 , 160, 559-568	6.7	15
16	Identification of magnetic particulates in road dust accumulated on roadside snow using magnetic, geochemical and micro-morphological analyses. <i>Environmental Pollution</i> , 2011 , 159, 1266-76	9.3	86
15	Morphological and mineralogical forms of technogenic magnetic particles in industrial dusts. <i>Atmospheric Environment</i> , 2011 , 45, 4281-4290	5.3	127
14	Study of litter influence on magnetic susceptibility measurements of urban forest topsoils using the MS2D sensor. <i>Environmental Earth Sciences</i> , 2010 , 61, 223-230	2.9	18
13	Magnetic, Geochemical, and Microstructural Characteristics of Road Dust on Roadsides with Different Traffic Volumes—Case Study from Finland. <i>Water, Air, and Soil Pollution</i> , 2010 , 209, 295-306	2.6	60
12	Characterization of magnetic particulates in urban and industrial dusts 2010 ,		6
11	Geostatistical evaluation of magnetic indicators of forest soil contamination with heavy metals. <i>Studia Geophysica Et Geodaetica</i> , 2009 , 53, 133-149	0.7	19
10	Magnetic anomalies of forest soils in the Upper Silesia-Northern Moravia region. <i>Environmental Pollution</i> , 2008 , 156, 618-27	9.3	33
9	Using of high-resolution topsoil magnetic screening for assessment of dust deposition: comparison of forest and arable soil datasets. <i>Environmental Monitoring and Assessment</i> , 2007 , 125, 19-28	3.1	38
8	Mapping particulate pollution loads using soil magnetometry in urban forests in the Upper Silesia Industrial Region, Poland. <i>Forest Ecology and Management</i> , 2007 , 248, 36-42	3.9	70
7	Discrimination of lithogenic and anthropogenic influences on topsoil magnetic susceptibility in Central Europe. <i>Geoderma</i> , 2006 , 130, 299-311	6.7	142
6	Seasonal Changes of Magnetic Susceptibility in Sediments from Lake Zyrard (South Poland). <i>Water, Air, and Soil Pollution</i> , 2002 , 141, 55-71	2.6	9
5	Record of industrial pollution in polish ombrotrophic peat bogs. <i>Physics and Chemistry of the Earth</i> , 2001 , 26, 859-866		28
4	Ferrimagnetic Minerals of Anthropogenic Origin in Soils of Some Polish National Parks. <i>Water, Air, and Soil Pollution</i> , 2000 , 124, 37-48	2.6	48
3	Magnetic susceptibility and heavy metals contamination in soils of Southern Poland. <i>Physics and Chemistry of the Earth</i> , 1998 , 23, 1127-1131		100
2	Magnetic record of industrial pollution in forest soils of Upper Silesia, Poland. <i>Journal of Geophysical Research</i> , 1998 , 103, 17767-17774		119

- 1 The influence of industrial immissions on the magnetic susceptibility of soils in upper Silesia. *Studia Geophysica Et Geodaetica*, **1996**, 40, 276-286 0.7 97