

Agnieszka GaÅ,uska

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

7,874
citations

159585

30
h-index

88630

70
g-index

73
all docs

73
docs citations

73
times ranked

8030
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioavailability of selected trace and rare earth elements to <i>Juncus effusus</i> L.: the potential role of de-icing chlorides in the roadside environment. <i>Plant and Soil</i> , 2022, 472, 641.	3.7	3
2	Abundance and fate of glass microspheres in river sediments and roadside soils: Lessons from the <i>ÅšwiÅ™tokrzyskie</i> region case study (south-central Poland). <i>Science of the Total Environment</i> , 2022, 821, 153410.	8.0	11
3	Geochemistry and petrology of striped chert as a provenance tool for artefacts from the KRZEMIONKI NEOLITHIC mining area (Poland). <i>Archaeometry</i> , 2022, 64, 1093-1109.	1.3	0
4	Significance of the long-term biomonitoring studies for understanding the impact of pollutants on the environment based on a synthesis of 25-year biomonitoring in the Holy Cross Mountains, Poland. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10413-10435.	5.3	16
5	Abundance and fate of thallium and its stable isotopes in the environment. <i>Reviews in Environmental Science and Biotechnology</i> , 2021, 20, 5-30.	8.1	18
6	The Anthropocene: Comparing Its Meaning in Geology (Chronostratigraphy) with Conceptual Approaches Arising in Other Disciplines. <i>Earth's Future</i> , 2021, 9, e2020EF001896.	6.3	61
7	Glass microspheres in road dust of the city of Kielce (south-central Poland) as markers of traffic-related pollution. <i>Journal of Hazardous Materials</i> , 2021, 413, 125355.	12.4	13
8	Presence and possible origin of positive Eu anomaly in shoot samples of <i>Juncus effusus</i> L. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 58, 126432.	3.0	8
9	Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. <i>Communications Earth & Environment</i> , 2020, 1, .	6.8	101
10	Trace elements and stable sulfur isotopes in plants of acid mine drainage area: Implications for revegetation of degraded land. <i>Journal of Environmental Sciences</i> , 2020, 94, 128-136.	6.1	19
11	A consideration of polychlorinated biphenyls as a chemostratigraphic marker of the Anthropocene. <i>Infrastructure Asset Management</i> , 2020, 7, 138-158.	1.6	13
12	Green Analytical Chemistry: Summary of Existing Knowledge and Future Trends. <i>Green Chemistry and Sustainable Technology</i> , 2019, , 431-449.	0.7	8
13	The origin of pyrite mineralization: Implications for Late Cambrian geology of the Holy Cross Mountains (south-central Poland). <i>Sedimentary Geology</i> , 2019, 390, 45-61.	2.1	8
14	Seasonal changes in concentrations of trace elements and rare earth elements in shoot samples of <i>Juncus effusus</i> L. collected from natural habitats in the Holy Cross Mountains, south-central Poland. <i>Chemosphere</i> , 2019, 219, 954-960.	8.2	10
15	Extreme enrichment of arsenic and rare earth elements in acid mine drainage: Case study of <i>WiÅ™niÅ™wka</i> mining area (south-central Poland). <i>Environmental Pollution</i> , 2019, 244, 898-906.	7.5	60
16	Comprehensive stabilization of all streams of solid residues formed during sewage sludge thermal treatment â€œ Case study. <i>Journal of Cleaner Production</i> , 2018, 178, 757-767.	9.3	9
17	Global Boundary Stratotype Section and Point (GSSP) for the Anthropocene Series: Where and how to look for potential candidates. <i>Earth-Science Reviews</i> , 2018, 178, 379-429.	9.1	153
18	Glass microspheres as a potential indicator of the Anthropocene: A first study in an urban environment. <i>Holocene</i> , 2018, 28, 323-329.	1.7	24

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19	Stable isotope geochemistry of acid mine drainage from the WiÅ³niÅ³wka area (south-central Poland). <i>Applied Geochemistry</i> , 2018, 95, 45-56.	3.0	31
20	Geochemical anomalies of trace elements in unremediated soils of Mt. KarczÅ³wka, a historic lead mining area in the city of Kielce, Poland. <i>Science of the Total Environment</i> , 2018, 639, 397-405.	8.0	23
21	Arsenic in the WiÅ³niÅ³wka acid mine drainage area (south-central Poland) â€“ Mineralogy, hydrogeochemistry, remediation. <i>Chemical Geology</i> , 2018, 493, 491-503.	3.3	31
22	An impact of moss sample cleaning on uncertainty of analytical measurement and pattern profiles of rare earth elements. <i>Chemosphere</i> , 2017, 188, 190-198.	8.2	11
23	The role of analytical chemistry in the study of the Anthropocene. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 146-152.	11.4	15
24	The Working Group on the Anthropocene: Summary of evidence and interim recommendations. <i>Anthropocene</i> , 2017, 19, 55-60.	3.3	310
25	Characterization of Microbial Communities in Acidified, Sulfur Containing Soils. <i>Polish Journal of Microbiology</i> , 2017, 66, 509-517.	1.7	3
26	Rare earth and trace element signatures for assessing an impact of rock mining and processing on the environment: WiÅ³niÅ³wka case study, south-central Poland. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24943-24959.	5.3	65
27	Heterogeneous areasâ€™ identification of outliers and calculation of soil sampling uncertainty using the modified RANOVA method. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 581.	2.7	4
28	Stratigraphic and Earth System approaches to defining the Anthropocene. <i>Earth's Future</i> , 2016, 4, 324-345.	6.3	162
29	Geochemical background of potentially toxic trace elements in reclaimed soils of the abandoned pyriteâ€™uranium mine (south-central Poland). <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 2649-2662.	3.5	19
30	The geological cycle of plastics and their use as a stratigraphic indicator of the Anthropocene. <i>Anthropocene</i> , 2016, 13, 4-17.	3.3	622
31	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016, 351, aad2622.	12.6	1,543
32	Analysis and Bioanalysis: an Effective Tool for Data Collection of Environmental Conditions and Processes. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 45-53.	1.2	4
33	The use of gadolinium and europium concentrations as contaminant tracers in the Nida River watershed in south-central Poland. <i>Geological Quarterly</i> , 2016, 60, .	0.2	14
34	Green Chemistry Metrics with Special Reference to Green Analytical Chemistry. <i>Molecules</i> , 2015, 20, 10928-10946.	3.8	334
35	Moving your laboratories to the field â€“ Advantages and limitations of the use of field portable instruments in environmental sample analysis. <i>Environmental Research</i> , 2015, 140, 593-603.	7.5	133
36	Colonization of the Americas, â€™Little Ice Ageâ€™™ climate, and bomb-produced carbon: Their role in defining the Anthropocene. <i>Infrastructure Asset Management</i> , 2015, 2, 117-127.	1.6	57

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37	Assessing soil sampling uncertainty in heterogeneous historic metal ore mining sites. Accreditation and Quality Assurance, 2015, 20, 163-170.	0.8	6
38	A new two-step screening method for prospecting of trace element accumulating plants. International Journal of Environmental Science and Technology, 2015, 12, 3071-3078.	3.5	9
39	Surface sediments pollution due to shipwreck s/s "Stuttgart" a multidisciplinary approach. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1797-1807.	4.0	17
40	Assessing the impact of Serwis mine tailings site on farmers' wells using element and isotope signatures (Holy Cross Mountains, south-central Poland). Environmental Earth Sciences, 2015, 74, 629-647.	2.7	19
41	Geochemical background of potentially toxic trace elements in soils of the historic copper mining area: a case study from Miedzianka Mt., Holy Cross Mountains, south-central Poland. Environmental Earth Sciences, 2015, 74, 4589-4605.	2.7	41
42	Can nuclear weapons fallout mark the beginning of the Anthropocene Epoch?. Bulletin of the Atomic Scientists, 2015, 71, 46-57.	0.6	135
43	Prospecting for hyperaccumulators of trace elements: a review. Critical Reviews in Biotechnology, 2015, 35, 522-532.	9.0	40
44	The Characteristics, Occurrence, and Geochemical Behavior of Rare Earth Elements in the Environment: A Review. Critical Reviews in Environmental Science and Technology, 2015, 45, 429-471.	12.8	283
45	The use of FPXRF in the determinations of selected trace elements in historic mining soils in the Holy Cross Mts., south-central Poland. Geological Quarterly, 2015, 59, .	0.2	3
46	The study of rare earth elements in farmer's well waters of the PodwiÅ³wka acid mine drainage area (south-central Poland). Environmental Monitoring and Assessment, 2014, 186, 1609-1622.	2.7	36
47	Assessing the Anthropocene with geochemical methods. Geological Society Special Publication, 2014, 395, 221-238.	1.3	39
48	The Use of Stable Sulfur, Oxygen and Hydrogen Isotope Ratios as Geochemical Tracers of Sulfates in the PodwiÅ³wka Acid Drainage Area (South-Central Poland). Aquatic Geochemistry, 2013, 19, 261-280.	1.3	24
49	The 12 principles of green analytical chemistry and the SIGNIFICANCE mnemonic of green analytical practices. TrAC - Trends in Analytical Chemistry, 2013, 50, 78-84.	11.4	1,293
50	Remobilization of polychlorinated biphenyls from sediment and its consequences for their transport in river waters. Environmental Monitoring and Assessment, 2013, 185, 4449-4459.	2.7	11
51	Groundwater quality as a geoinicator of organochlorine pesticide contamination after pesticide tomb reclamation: a case study of Franciszkowo, northwestern Poland. Environmental Earth Sciences, 2012, 67, 2441-2447.	2.7	7
52	Seasonal changes in organotin compounds in water and sediment samples from the semi-closed Port of Gdynia. Science of the Total Environment, 2012, 441, 57-66.	8.0	32
53	Analytical Eco-Scale for assessing the greenness of analytical procedures. TrAC - Trends in Analytical Chemistry, 2012, 37, 61-72.	11.4	1,228
54	Pesticide burial grounds in Poland: A review. Environment International, 2011, 37, 1265-1272.	10.0	23

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55	The 1st Conference on Contemporary Problems of Geochemistry. <i>Mineralogia</i> , 2011, 42, 3-5.	0.8	0
56	The influence of chloride deicers on mineral nutrition and the health status of roadside trees in the city of Kielce, Poland. <i>Environmental Monitoring and Assessment</i> , 2011, 176, 451-464.	2.7	60
57	The role of sample preparation in interpretation of trace element concentration variability in moss bioindication studies. <i>Environmental Chemistry Letters</i> , 2011, 9, 323-329.	16.2	14
58	Geochemical background - an environmental perspective. <i>Mineralogia</i> , 2011, 42, 7-17.	0.8	95
59	A comparison of green chemistry metrics for two methods of bromination and nitration of bis-pyrazolo[3,4-b;4â€²,3â€²-e]pyridines. <i>Heterocyclic Communications</i> , 2011, 17, .	1.2	4
60	Xenotime from the PodwiÅ³wka mine pit, Holy Cross Mountains (South-Central Poland). <i>Mineralogia</i> , 2010, 41, .	0.8	3
61	Mercury in mosses <i>Hylocomium splendens</i> (Hedw.) B.S.G. and <i>Pleurozium schreberi</i> (Brid.) Mitt. from Poland and Alaska: Understanding the origin of pollution sources. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1345-1351.	6.0	12
62	Interspecies and interregional comparisons of the chemistry of PAHs and trace elements in mosses <i>Hylocomium splendens</i> (Hedw.) B.S.G. and <i>Pleurozium schreberi</i> (Brid.) Mitt. from Poland and Alaska. <i>Atmospheric Environment</i> , 2009, 43, 1464-1473.	4.1	56
63	Chemical and isotopic variations in the WiÅ³wka MaÅ³a mine pit water, Holy Cross Mountains (south-central Poland). <i>Environmental Geology</i> , 2009, 57, 29-40.	1.2	9
64	Geochemistry and stable sulfur and oxygen isotope ratios of the PodwiÅ³wka pit pond water generated by acid mine drainage (Holy Cross Mountains, south-central Poland). <i>Applied Geochemistry</i> , 2008, 23, 3620-3634.	3.0	35
65	Gorceixite from the Upper Cambrian Rocks of the podwiÅ³wka Mine Pit, Holy Cross Mountains (South-Central Poland). <i>Mineralogia</i> , 2007, 38, 171-184.	0.8	10
66	Distribution patterns of PAHs and trace elements in mosses <i>Hylocomium splendens</i> (Hedw.) B.S.G. and <i>Pleurozium schreberi</i> (Brid.) Mitt. from different forest communities: A case study, south-central Poland. <i>Chemosphere</i> , 2007, 67, 1415-1422.	8.2	47
67	A review of geochemical background concepts and an example using data from Poland. <i>Environmental Geology</i> , 2007, 52, 861-870.	1.2	157
68	Middle Oxfordianâ€”Lower Kimmeridgian chert nodules in the Holy Cross Mountains, south-central Poland. <i>Sedimentary Geology</i> , 2006, 187, 11-28.	2.1	23
69	The Chemistry of Soils, Rocks and Plant Bioindicators in Three Ecosystems of the Holy Cross Mountains, Poland. <i>Environmental Monitoring and Assessment</i> , 2005, 110, 55-70.	2.7	50
70	The use of the barbell cluster ANOVA design for the assessment of environmental pollution: a case study, Wigierski National Park, NE Poland. <i>Environmental Pollution</i> , 2005, 133, 213-223.	7.5	17
71	Polynuclear aromatic hydrocarbons, phenols, and trace metals in selected soil profiles and plant bioindicators in the Holy Cross Mountains, South-Central Poland. <i>Environment International</i> , 2002, 28, 303-313.	10.0	94
72	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2001, 129, 369-386.	2.4	26