Andrew Hursthouse

List of Publications by Year
in descending order

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		94269	149479
204	4,912	37	56
papers	citations	h-index	g-index

211	211	211	5457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil pollution by PAHs in urban soils: a comparison of three European cities. Journal of Environmental Monitoring, 2007, 9, 1001.	2.1	208
2	Metals in particle-size fractions of the soils of five European cities. Environmental Pollution, 2008, 152, 73-81.	3.7	176
3	Fractionation of potentially toxic elements in urban soils from five European cities by means of a harmonised sequential extraction procedure. Analytica Chimica Acta, 2006, 565, 63-72.	2.6	133
4	Itâ€™s Time to Replace the Term â€œHeavy Metalsâ€•with â€œPotentially Toxic Elementsâ€•When Reporting Environmental Research. International Journal of Environmental Research and Public Health, 2019, 16, 4446.	1.2	125
5	Cobalt and secondary poisoning in the terrestrial food chain: Data review and research gaps to support risk assessment. Environment International, 2008, 34, 821-838.	4.8	122
6	The interaction of heavy metals with urban soils: sorption behaviour of Cd, Cu, Cr, Pb and Zn with a typical mixed brownfield deposit. Environment International, 2005, 31, 513-521.	4.8	104
7	Metalliferous Mine Dust: Human Health Impacts and the Potential Determinants of Disease in Mining Communities. Current Pollution Reports, 2019, 5, 67-83.	3.1	98
8	Multi-hazards coastal vulnerability assessment of Goa, India, using geospatial techniques. Ocean and Coastal Management, 2014, 95, 264-281.	2.0	85
9	Erythrocyte selenium concentration as a marker of selenium status. Clinical Nutrition, 2013, 32, 837-842.	2.3	82
10	Variability in concentrations of potentially toxic elements in urban parks from six European cities. Journal of Environmental Monitoring, 2006, 8, 1158-1165.	2.1	78
11	The variability of polychlorinated biphenyls levels in urban soils from five European cities. Environmental Pollution, 2009, 157, 511-518.	3.7	74
12	The relevance of speciation in the remediation of soils and sediments contaminated by metallic elementsâ€”an overview and examples from Central Scotland, UK. Journal of Environmental Monitoring, 2001, 3, 49-60.	2.1	71
13	A review of regulatory decisions for environmental protection: Part I â€” Challenges in the implementation of national soil policies. Environment International, 2009, 35, 202-213.	4.8	70
14	Working Together: The Combined Application of a Magnetic Field and Penetratin for the Delivery of Magnetic Nanoparticles to Cells in 3D. ACS Nano, 2011, 5, 7910-7919.	7.3	63
15	Mercury in urban soils: A comparison of local spatial variability in six European cities. Science of the Total Environment, 2006, 368, 926-936.	3.9	62
16	Distribution, source identification, and ecological-health risks of potentially toxic elements (PTEs) in soil of thallium mine area (southwestern Guizhou, China). Environmental Science and Pollution Research, 2019, 26, 16556-16567.	2.7	60
17	Can the legacy of industrial pollution influence antimicrobial resistance in estuarine sediments?. Environmental Chemistry Letters, 2019, 17, 595-607.	8.3	59
18	Bioavailability of arsenic and antimony in soils from an abandoned mining area, Glendinning (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Environmental Engineering, 2007, 42, 1263-1274.	0.9	58

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19	Use of a physiologically based extraction test to estimate the human bioaccessibility of potentially toxic elements in urban soils from the city of Glasgow, UK. Environmental Geochemistry and Health, 2010, 32, 517-527.	1.8	55
20	Sb(III) removal from aqueous solution by a novel nano-modified chitosan (NMCS). Separation and Purification Technology, 2020, 236, 116266.	3.9	54
21	Removal of Manganese(II) from Acid Mine Wastewater: A Review of the Challenges and Opportunities with Special Emphasis on Mn-Oxidizing Bacteria and Microalgae. Water (Switzerland), 2019, 11, 2493.	1.2	53
22	A Quiescent, Regeneration-Responsive Tissue Engineered Mesenchymal Stem Cell Bone Marrow Niche Model via Magnetic Levitation. ACS Nano, 2016, 10, 8346-8354.	7.3	49
23	Determination of Metal Content of Waste Mobile Phones and Estimation of Their Recovery Potential in Turkey. International Journal of Environmental Research and Public Health, 2019, 16, 887.	1.2	49
24	A relative risk assessment of the open burning of WEEE. Environmental Science and Pollution Research, 2019, 26, 11042-11052.	2.7	49
25	The effect of particle agglomeration and attrition on the separation efficiency of a Stairmand cyclone. Powder Technology, 2014, 258, 110-124.	2.1	48
26	Enhanced performance and hindered membrane fouling for the treatment of coal chemical industry wastewater using a novel membrane electro-bioreactor with intermittent direct current. Bioresource Technology, 2019, 271, 332-339.	4.8	48
27	Removal of Mn (II) by Sodium Alginate/Graphene Oxide Composite Double-Network Hydrogel Beads from Aqueous Solutions. Scientific Reports, 2018, 8, 10717.	1.6	47
28	Should acid ammonium oxalate replace hydroxylammonium chloride in step 2 of the revised BCR sequential extraction protocol for soil and sediment?. Analytica Chimica Acta, 2004, 508, 193-199.	2.6	46
29	Equilibrium passive sampling as a tool to study polycyclic aromatic hydrocarbons in Baltic Sea sediment pore-water systems. Marine Pollution Bulletin, 2015, 101, 296-303.	2.3	46
30	Chromium speciation in natural waters draining contaminated land, Glasgow, U.K.. Water, Air, and Soil Pollution, 1999, 112, 389-405.	1.1	44
31	An investigation of geochemical factors controlling the distribution of PCBs in intertidal sediments at a contamination hot spot, the Clyde Estuary, UK. Applied Geochemistry, 2003, 18, 327-338.	1.4	44
32	The Potential for the Treatment of Antimony-Containing Wastewater by Iron-Based Adsorbents. Water (Switzerland), 2017, 9, 794.	1.2	44
33	A biochar supported magnetic metal organic framework for the removal of trivalent antimony. Chemosphere, 2021, 282, 131068.	4.2	43
34	Heavy metal: a misused term?. Acta Geochimica, 2021, 40, 466-471.	0.7	42
35	Current Status and Future Opportunities of Omics Tools in Mycotoxin Research. Toxins, 2018, 10, 433.	1.5	41
36	The Application of Fluorescence Spectroscopy for the Investigation of Dye Degradation by Chemical Oxidation. Journal of Fluorescence, 2020, 30, 1271-1279.	1.3	41

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37	Potentially toxic elements (PTEs) pollution in surface soils in a typical urban region of south India: An application of health risk assessment and distribution pattern. Ecotoxicology and Environmental Safety, 2020, 203, 111055.	2.9	41
38	Metal uptake by woodlice in urban soils. Ecotoxicology and Environmental Safety, 2008, 69, 139-149.	2.9	39
39	Chemical availability of arsenic and antimony in industrial soils. Environmental Chemistry Letters, 2006, 3, 149-153.	8.3	38
40	Human bioaccessibility of Cr, Cu, Ni, Pb and Zn in urban soils from the city of Torino, Italy. Environmental Chemistry Letters, 2011, 9, 197-202.	8.3	38
41	Potentially toxic elements in urban soils: source apportionment and contamination assessment. Environmental Monitoring and Assessment, 2018, 190, 715.	1.3	38
42	Recycling of Waste Sludge: Preparation and Application of Sludge-Based Activated Carbon. International Journal of Polymer Science, 2018, 2018, 1-17.	1.2	38
43	Potentially toxic elements (PTEs) in crops, soil, and water near Xiangtan manganese mine, China: potential risk to health in the foodchain. Environmental Geochemistry and Health, 2020, 42, 1965-1976.	1.8	38
44	Metal content of surface soils in parks and allotments from three European cities: initial pilot study results. Land Contamination and Reclamation, 2004, 12, 189-196.	0.4	38
45	Transfer of sellafield-derived 237Np to and within the terrestrial environment. Journal of Environmental Radioactivity, 1991, 14, 147-174.	0.9	36
46	The Potential of Sequential Extraction in the Characterisation and Management of Wastes from Steel Processing: A Prospective Review. International Journal of Environmental Research and Public Health, 2015, 12, 11724-11755.	1.2	36
47	Characteristics and controlling factors of pore structure of the Permian shale in southern Anhui province, East China. Journal of Natural Gas Science and Engineering, 2018, 60, 228-245.	2.1	35
48	The role of magnetic MOFs nanoparticles in enhanced iron coagulation of aquatic dissolved organic matter. Chemosphere, 2020, 247, 125921.	4.2	33
49	Identifying non-agricultural marginal lands as a route to sustainable bioenergy provision - A review and holistic definition. Renewable and Sustainable Energy Reviews, 2021, 135, 110220.	8.2	33
50	Evaluation of methods for the assay of neptunium and other long-lived actinides in environmental matrices. Journal of Radioanalytical and Nuclear Chemistry, 1992, 157, 281-294.	0.7	32
51	Transport and dynamics of toxic pollutants in the natural environment and their effect on human health: research gaps and challenge. Environmental Geochemistry and Health, 2009, 31, 165-187.	1.8	31
52	The influence of anthropogenic and natural geochemical factors on urban soil quality variability: a comparison between Glasgow, UK and Aveiro, Portugal. Environmental Chemistry Letters, 2009, 7, 141-148.	8.3	30
53	A Critical Review of Resistance and Oxidation Mechanisms of Sb-Oxidizing Bacteria for the Bioremediation of Sb(III) Pollution. Frontiers in Microbiology, 2021, 12, 738596.	1.5	30
54	A review of regulatory decisions for environmental protection: Part IIâ€"The case-study of contaminated land management in Portugal. Environment International, 2009, 35, 214-225.	4.8	29

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55	Degradation pathway of pentachlorophenol by Mucor plumbeus involves phase II conjugation and oxidationâ€“reduction reactions. Journal of Hazardous Materials, 2011, 198, 133-142.	6.5	29
56	The response of Mucor plumbeus to pentachlorophenol: A toxicoproteomics study. Journal of Proteomics, 2013, 78, 159-171.	1.2	28
57	Environmental factors controlling potentially toxic element behaviour in urban soils, El Tebbin, Egypt. Environmental Monitoring and Assessment, 2019, 191, 267.	1.3	28
58	The environmental behaviour of polychlorinated phenols and its relevance to cork forest ecosystems: a review. Journal of Environmental Monitoring, 2007, 9, 1055.	2.1	27
59	Application of 3-D Fluorescence: Characterization of Natural Organic Matter in Natural Water and Water Purification Systems. Journal of Fluorescence, 2017, 27, 2069-2094.	1.3	27
60	Trace Metal Pollution in Topsoil Surrounding the Xiangtan Manganese Mine Area (South-Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 International Journal of Environmental Research and Public Health, 2018, 15, 2412.	1.2	27
61	Preparation and Potential Applications of Super Paramagnetic Nano-Fe3O4. Processes, 2018, 6, 33.	1.3	27
62	Preparation of a novel Fe3O4/HCO composite adsorbent and the mechanism for the removal of antimony (III) from aqueous solution. Scientific Reports, 2019, 9, 13021.	1.6	27
63	Spatial variability of trace elements in allotment gardens of four European cities: assessments at city, garden, and plot scale. Journal of Soils and Sediments, 2018, 18, 391-406.	1.5	26
64	Sepiolite-Based Adsorbents for the Removal of Potentially Toxic Elements from Water: A Strategic Review for the Case of Environmental Contamination in Hunan, China. International Journal of Environmental Research and Public Health, 2018, 15, 1653.	1.2	26
65	The concentration, distribution and health risk from potentially toxic elements in the soil - plant - water system developed on black shales in SE Nigeria. Journal of African Earth Sciences, 2020, 165, 103806.	0.9	25
66	Recycling Plastics from WEEE: A Review of the Environmental and Human Health Challenges Associated with Brominated Flame Retardants. International Journal of Environmental Research and Public Health, 2022, 19, 766.	1.2	25
67	Soil from an Abandoned Manganese Mining Area (Hunan, China): Significance of Health Risk from Potentially Toxic Element Pollution and Its Spatial Context. International Journal of Environmental Research and Public Health, 2020, 17, 6554.	1.2	24
68	Evaluating health risk indicators for PTE exposure in the food chain: evidence from a thallium mine area. Environmental Science and Pollution Research, 2020, 27, 23686-23694.	2.7	24
69	A preliminary study of the phycological degradation of natural stone masonry. Environmental Geochemistry and Health, 2003, 25, 139-145.	1.8	23
70	Impact of urbanisation on soil characteristics. Environmental Chemistry Letters, 2006, 3, 160-163.	8.3	23
71	Screening pentachlorophenol degradation ability by environmental fungal strains belonging to the phyla Ascomycota and Zygomycota. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 1249-1256.	1.4	23
72	Assessment of the Health Risk, Aesthetic and Agricultural Quality of Rainwater, Surface Water and Groundwater in the Shale Bedrock Areas, Southeastern Nigeria. Water Quality, Exposure, and Health, 2015, 7, 153-178.	1.5	23

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73	Regional distribution characteristics and ecological risk assessment of heavy metal pollution of different land use in an antimony mining area â€“ Xikuangshan, China. Human and Ecological Risk Assessment (HERA), 2020, 26, 1779-1794.	1.7	23
74	Antimony Ore Tailings: Heavy Metals, Chemical Speciation, and Leaching Characteristics. Polish Journal of Environmental Studies, 2018, 28, 485-495.	0.6	23
75	Micronutrient deficiencies in maternity and child health: a review of environmental and social context and implications for Malawi. Environmental Geochemistry and Health, 2009, 31, 253-272.	1.8	22
76	Measurement of arsenic and gallium content of gallium arsenide semiconductor waste streams by ICP-MS. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 471-475.	0.9	22
77	Environment and Human Health: The Challenge of Uncertainty in Risk Assessment. Geosciences (Switzerland), 2018, 8, 24.	1.0	22
78	Pollution Characteristics of Sb, As, Hg, Pb, Cd, and Zn in Soils from Different Zones of Xikuangshan Antimony Mine. Journal of Analytical Methods in Chemistry, 2019, 2019, 1-9.	0.7	22
79	Leaching and Releasing Characteristics and Regularities of Sb and As from Antimony Mining Waste Rocks. Polish Journal of Environmental Studies, 2019, 28, 4017-4025.	0.6	22
80	The Biogeochemistry of Polychlorinated Biphenyls (PCBs) in the Clyde: Distribution and Source Evaluation. Marine Pollution Bulletin, 1999, 38, 486-496.	2.3	21
81	The influence of clay mineralogy on the mobility of radiocaesium in upland soils of NW Italy. Journal of Environmental Radioactivity, 2001, 56, 299-307.	0.9	21
82	Hydrochemistry of surface water and groundwater in the shale bedrock, Cross River Basin and Niger Delta Region, Nigeria. Applied Water Science, 2017, 7, 961-985.	2.8	21
83	A device-specific prioritization strategy based on the potential for harm to human health in informal WEEE recycling. Environmental Science and Pollution Research, 2018, 25, 683-692.	2.7	21
84	The legacy of industrial pollution in estuarine sediments: spatial and temporal variability implications for ecosystem stress. Environmental Geochemistry and Health, 2020, 42, 1057-1068.	1.8	21
85	The influence of particle size and static magnetic fields on the uptake of magnetic nanoparticles into three dimensional cellâ€seeded collagen gel cultures. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1294-1301.	1.6	20
86	Decision support criteria and the development of a decision support tool for the selection of conservation materials for the built cultural heritage. Journal of Cultural Heritage, 2019, 37, 44-53.	1.5	20
87	Treatment of environmental contamination using sepiolite: current approaches and future potential. Environmental Geochemistry and Health, 2021, 43, 2679-2697.	1.8	20
88	Microbial diversity in soils from antimony mining sites: geochemical control promotes species enrichment. Environmental Chemistry Letters, 2020, 18, 911-922.	8.3	20
89	A history of urban gardens in Europe. , 2016, , 8-32.		20
90	Development and application of a catchment scale diffuse nitrate modelling tool. Hydrological Processes, 2005, 19, 2625-2639.	1.1	19

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91	Sediment influence on congener-specific PCB bioaccumulation by Mytilus edulis: a case study from an intertidal hot spot, Clyde Estuary, UK. Journal of Environmental Monitoring, 2006, 8, 887.	2.1	19
92	Synthesis, Characterization, and Adsorptive Properties of Fe₃O₄/GO Nanocomposites for Antimony Removal. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-8.	0.7	19
93	Chromium in intertidal sediments of the Clyde, UK: potential for remobilisation and bioaccumulation. Environmental Geochemistry and Health, 2003, 25, 171-203.	1.8	18
94	Understanding fungal functional biodiversity during the mitigation of environmentally dispersed pentachlorophenol in cork oak forest soils. Environmental Microbiology, 2015, 17, 2922-2934.	1.8	18
95	Effects of mining activities on the distribution, controlling factors, and sources of metals in soils from the Xikuangshan South Mine, Hunan Province. Integrated Environmental Assessment and Management, 2022, 18, 748-756.	1.6	18
96	An empirical investigation into the influence of pressure drop on particle behaviour in small scale reverse-flow cyclones. Powder Technology, 2015, 275, 172-181.	2.1	17
97	Risk Assessment of Potentially Toxic Elements Pollution from Mineral Processing Steps at Xikuangshan Antimony Plant, Hunan, China. Processes, 2020, 8, 29.	1.3	17
98	Enhanced Biosorption of Sb(III) onto Living Rhodotorula mucilaginosa Strain DJHN070401: Optimization and Mechanism. Current Microbiology, 2020, 77, 2071-2083.	1.0	17
99	Adsorption of Antimony(III) onto Fe(III)-Treated Humus Sludge Adsorbent: Behavior and Mechanism Insights. Polish Journal of Environmental Studies, 2018, 28, 577-586.	0.6	17
100	Elucidating the Function of Penetratin and a Static Magnetic Field in Cellular Uptake of Magnetic Nanoparticles. Pharmaceuticals, 2013, 6, 204-222.	1.7	16
101	Significance of the balance between intracellular glutathione and polyethylene glycol for successful release of small interfering RNA from gold nanoparticles. Nano Research, 2015, 8, 3281-3292.	5.8	16
102	Ecosystem services from urban gardens. , 2016, , 115-141.		16
103	Evidence for the remobilisation of transuranic elements in the terrestrial environment. Environmental Geochemistry and Health, 1993, 15, 163-171.	1.8	15
104	Sediment fluxes and the littoral drift along northeast Andhra Pradesh Coast, India: estimation by remote sensing. Environmental Monitoring and Assessment, 2013, 185, 5177-5192.	1.3	15
105	Study on the mobility and bioavailability of PTEs in soils from Urban Forest Parks in Sofia, Bulgaria. Journal of Geochemical Exploration, 2014, 147, 222-228.	1.5	15
106	Evaluation of heavy metals stability and phosphate mobility in the remediation of sediment by calcium nitrate. Water Environment Research, 2020, 92, 1017-1026.	1.3	15
107	Occurrence and control of N-nitrosodimethylamine in water engineering systems. Environmental Engineering Research, 2019, 24, 1-16.	1.5	15
108	Radioactive waste disposal. Analytical Proceedings, 1993, 30, 190.	0.4	14

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109	The rapid development of small scale cyclones â€" numerical modelling versus empirical models. Applied Mathematical Modelling, 2016, 40, 6082-6104.	2.2	14
110	Assessing PCB pollution in the Baltic Sea - An equilibrium partitioning based study. Chemosphere, 2018, 191, 886-894.	4.2	14
111	An Improved SWAT for Predicting Manganese Pollution Load at the Soil-Water Interface in a Manganese Mine Area. Polish Journal of Environmental Studies, 2018, 27, 2357-2365.	0.6	14
112	The â€˜europium anomalyâ€™ in plants: facts and fiction. Plant and Soil, 2022, 476, 721-728.	1.8	14
113	Gemini Surfactant-Modified Activated Carbon for Remediation of Hexavalent Chromium from Water. Water (Switzerland), 2018, 10, 91.	1.2	13
114	Enhancing the Removal of Sb (III) from Water: A Fe3O4@HCO Composite Adsorbent Caged in Sodium Alginate Microbeads. Processes, 2020, 8, 44.	1.3	13
115	Purified montmorillonite as a nano-adsorbent of potentially toxic elements from environment: an overview. Nanotechnology for Environmental Engineering, 2021, 6, 1.	2.0	13
116	The Rich Diversity of Urban Allotment Gardens in Europe: Contemporary Trends in the Context of Historical, Socio-Economic and Legal Conditions. Sustainability, 2021, 13, 11076.	1.6	13
117	Communication. Sampling interstitial waters from intertidal sediments: an inexpensive device to overcome an expensive problem?. Analyst, The, 1993, 118, 1461.	1.7	12
118	A pilot study of personal exposure to respirable and inhalable dust during the sanding and sawing of medium density fibreboard (MDF) and soft wood. International Journal of Environmental Health Research, 2004, 14, 323-326.	1.3	12
119	Using Mass Reconstruction along a Four-Site Transect as a Method to Interpret PM10 in West-Central Scotland,United Kingdom. Journal of the Air and Waste Management Association, 2009, 59, 1429-1436.	0.9	12
120	Seeking evidence of multidisciplinarity in environmental geochemistry and health: an analysis of arsenic in drinking water research. Environmental Geochemistry and Health, 2018, 40, 395-413.	1.8	12
121	High removal of nitrogen and phosphorus from black-odorous water using a novel aeration-adsorption system. Environmental Chemistry Letters, 2022, 20, 2243-2251.	8.3	12
122	Inorganic and organic contaminants in intertidal sediments of the Clyde: Preliminary observations of historical trends?. Marine Pollution Bulletin, 1994, 28, 765-767.	2.3	11
123	Evaluating environmental and social influences on iron and zinc status of pregnant subsistence farmers in two geographically contrasting regions of Southern Malawi. Science of the Total Environment, 2014, 500-501, 199-210.	3.9	11
124	Preparation and characterization of iron-copper binary oxide and its effective removal of antimony(III) from aqueous solution. Water Science and Technology, 2016, 74, 393-401.	1.2	11
125	A mechanistic analysis of the influence of ironâ€oxidizing bacteria on antimony (V) removal from water by microscale zeroâ€valent iron. Journal of Chemical Technology and Biotechnology, 2018, 93, 2527-2534.	1.6	11
126	A GIS AND WEB-BASED DECISION SUPPORT TOOL FOR THE MANAGEMENT OF URBAN SOILS. Cybernetics and Systems, 2004, 35, 499-509.	1.6	10

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127	Research on the Characteristics and Mechanism of the Cumulative Release of Antimony from an Antimony Smelting Slag Stacking Area under Rainfall Leaching. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-8.	0.7	10
128	Efficient Removal of Cd(II) Using SiO2-Mg(OH)2 Nanocomposites Derived from Sepiolite. International Journal of Environmental Research and Public Health, 2020, 17, 2223.	1.2	10
129	Application of a new HMW framework derived ANN model for optimization of aquatic dissolved organic matter removal by coagulation. Chemosphere, 2021, 262, 127723.	4.2	10
130	Geological and nuclear applications of inductively coupled plasma mass spectrometry. Detection of actinides in environmental samples by inductively coupled plasma mass spectrometry. Analytical Proceedings, 1991, 28, 382.	0.4	9
131	Chromium Behaviour in Intertidal Sediments and Pore Waters, R. Clyde, UK. Environmental Geochemistry and Health, 2001, 23, 253-259.	1.8	9
132	Quality and comparability of measurement of potentially toxic elements in urban soils by a group of European laboratories. International Journal of Environmental Analytical Chemistry, 2007, 87, 589-601.	1.8	9
133	Public health challenges as a result of contaminated water sources in Kumba, Cameroon. Environmental Geochemistry and Health, 2020, 42, 1167-1195.	1.8	9
134	Facile synthesis of nanosheet-assembled Î³-Fe2O3 magnetic microspheres and enhanced Sb(III) removal. Environmental Science and Pollution Research, 2021, 28, 19822-19837.	2.7	9
135	Source identification and groundwater health risk assessment of PTEs in the stormwater runoff in an abandoned mining area. Environmental Geochemistry and Health, 2022, 44, 3555-3570.	1.8	9
136	Source identification and risk analysis of potentially toxic elements (PTEs) in rainwater runoff from a manganese mine (south central Hunan, China). Water Science and Technology: Water Supply, 2021, 21, 824-835.	1.0	9
137	The Potential of Remedial Techniques for Hazard Reduction of Steel Process by Products: Impact on Steel Processing, Waste Management, the Environment and Risk to Human Health. International Journal of Environmental Research and Public Health, 2019, 16, 2093.	1.2	8
138	Simulation of Manganese Transport in Groundwater Using Visual MODFLOW: a Case Study from Xiangtan Manganese Ore Area in Central China. Polish Journal of Environmental Studies, 2021, 30, 1409-1420.	0.6	8
139	Application of diffusion-based surveys in the district-wide assessment of benzene and select volatile organic compounds in urban environments--a case study from Renfrewshire, Scotland. Journal of Environmental Monitoring, 2001, 3, 646-653.	2.1	7
140	Evaluation of hydrochemical characteristics and flow directions of groundwater quality in Udi Local Government Area Enugu State, Nigeria. Environmental Earth Sciences, 2015, 73, 4541-4555.	1.3	7
141	Application of Frequency-Dependent Traveltime Tomography to 2D Crosswell Seismic Field Data. Journal of Environmental and Engineering Geophysics, 2017, 22, 421-426.	1.0	7
142	Preparation of a Thermally Modified Diatomite and a Removal Mechanism for 1-Naphthol from Solution. Water (Switzerland), 2017, 9, 651.	1.2	7
143	Tectono-magmatic controls of post-subduction gold mineralisation during late Caledonian soft continental collision in the Southern Uplands-Down-Longford Terrane, Britain and Ireland: A review. Ore Geology Reviews, 2018, 101, 74-104.	1.1	7
144	The Impact of Physical Properties on the Leaching of Potentially Toxic Elements from Antimony Ore Processing Wastes. International Journal of Environmental Research and Public Health, 2019, 16, 2355.	1.2	7

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145	Characterization of pore microstructure and methane adsorption of organic-rich black shales in northwestern Hunan, South China. Energy Exploration and Exploitation, 2020, 38, 473-493.	1.1	7
146	The adsorption of Mn(II) by insolubilized humic acid. Water Science and Technology, 2020, 82, 747-758.	1.2	7
147	The growth of open access publishing in geochemistry. Results in Geochemistry, 2020, 1, 100001.	0.3	7
148	Open Access publishing practice in geochemistry: overview of current state and look to the future. Heliyon, 2020, 6, e03551.	1.4	7
149	The Brown Seaweeds of Scotland, Their Importance and Applications. Environments - MDPI, 2021, 8, 59.	1.5	7
150	Study on the Migration Rules of Sb in Antimony Ore Soil Based on HYDRUS-1D. Polish Journal of Environmental Studies, 2018, 28, 965-972.	0.6	7
151	Bayesian Time-lapse Difference Inversion Based on the exact Zoeppritz Equations with Blockiness Constraint. Journal of Environmental and Engineering Geophysics, 2020, 25, 89-100.	1.0	7
152	Environmental pressures on and the status of urban allotments. , 2016, , 142-164.		7
153	Bacterial Diversity in House Dust: Characterization of a Core Indoor Microbiome. Frontiers in Environmental Science, 2021, 9, .	1.5	7
154	The waste ban in China: what happened next? Assessing the impact of new policies on the waste management sector in China. Environmental Geochemistry and Health, 2023, 45, 1117-1131.	1.8	7
155	Sedimentary characteristics and genetic mechanism of a deep-water channel system in the Zhujiang Formation of Baiyun Sag, Pearl River Mouth Basin. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 168, 103456.	0.6	6
156	A framework to explore micronutrient deficiency in maternal and child health in Malawi, Southern Africa. Environmental Health, 2009, 8, S13.	1.7	5
157	Geochemical approach to assessing human impacts in Cork Oak forest soils of the MED region. Journal of Geochemical Exploration, 2013, 132, 34-40.	1.5	5
158	Application of 3-D FKK Filtering in 3-D High-density Onshore Seismic Field Data. Journal of Environmental and Engineering Geophysics, 2018, 23, 369-376.	1.0	5
159	A cationic polymer enhanced PAC for the removal of dissolved aquatic organic carbon and organic nitrogen from surface waters. Canadian Journal of Chemical Engineering, 2019, 97, 955-966.	0.9	5
160	The Society for Environmental Geochemistry and Health (SEGH): building for the future. Environmental Geochemistry and Health, 2020, 42, 343-347.	1.8	5
161	Correlation Characteristics of Electrical Conductivity of Surface Waters with the Fluorescence Excitation-Emission Matrix Spectroscopy-Parallel Factor Components of Dissolved Organic Matter. Journal of Fluorescence, 2020, 30, 1383-1396.	1.3	5
162	WEEE collection and CRM recovery trials: piloting a holistic approach for Scotland. Global Nest Journal, 2018, 20, 712-718.	0.3	5

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163	Carbon Management in UK Higher Education Institutions: An Overview. Sustainability, 2021, 13, 10896.	1.6	5
164	3-D Butterworth Filtering for 3-D High-density Onshore Seismic Field Data. Journal of Environmental and Engineering Geophysics, 2018, 23, 223-233.	1.0	5
165	Potential of electrophilic epoxide reactions for the monitoring of acid gases in the environment. Journal of Chromatography A, 2002, 977, 251-256.	1.8	4
166	Using elemental profiling to determine intrinsic markers to track the dispersal of <scp>P</scp>rostephanus truncatus, a pest of stored grain with alternative natural hosts. Entomologia Experimentalis Et Applicata, 2016, 160, 83-90.	0.7	4
167	Shock-Induced Olivine-Ringwoodite Transformation in the Shock Vein of Chondrite GRV053584. Minerals (Basel, Switzerland), 2018, 8, 139.	0.8	4
168	Enhanced characterisation for the management of industrial steel processing by products: potential of sequential chemical extraction. Environmental Monitoring and Assessment, 2019, 191, 192.	1.3	4
169	Interference of the polyacrylamide coagulant in the fluorescence analysis of dissolved organic matter during water treatment. Environmental Chemistry Letters, 2020, 18, 1433-1440.	8.3	4
170	Adaptation of the BCR sequential extraction procedure for fractionation of potentially toxic elements in airborne particulate matter collected during routine air quality monitoring. International Journal of Environmental Analytical Chemistry, 2021, 101, 956-968.	1.8	4
171	Environmental geochemical signature of shale in pollution assessment of trace metals in soil and water in parts of southern Benue trough, southeastern Nigeria. International Journal of Environmental Analytical Chemistry, 2023, 103, 2858-2878.	1.8	4
172	A Study of the Adsorption and Removal of Sb(III) from Aqueous Solution by Fe(III) Modified Proteus cibarius with Mechanistic Insights Using Response Surface Methodology. Processes, 2021, 9, 933.	1.3	4
173	Application of a water quality model in the White Cart water catchment, Glasgow, UK. Environmental Geochemistry and Health, 2003, 25, 57-62.	1.8	3
174	Evaluating the impact of interdisciplinary networking in environmental geochemistry and health: reviewing SEGH conferences and workshops. Environmental Geochemistry and Health, 2012, 34, 653-664.	1.8	3
175	Development of a robust chromatographic method for the detection of chlorophenols in cork oak forest soils. Environmental Monitoring and Assessment, 2014, 186, 1281-1293.	1.3	3
176	Nanoscale Pore Characteristics of the Upper Permian Mudrocks from a Transitional Environment in and around Eastern Sichuan Basin, China. Acta Geologica Sinica, 2019, 93, 1025-1046.	0.8	3
177	Evaluating controls on potentially toxic element release in circum-neutral mine water: a case study from the abandoned Pbâ€“Zn mines of Leadhills and Wanlockhead, South of Scotland, United Kingdom. Environmental Earth Sciences, 2020, 79, 1.	1.3	3
178	Multi-linear regression model for chlorine consumption by waters. Environmental Engineering Research, 2021, 26, 200402-0.	1.5	3
179	New Models to Reduce the Health Risks of Informal WEEE Recyclers in MTN Phone Village, Rumukurushi, Port Harcourt, Nigeria. Toxics, 2022, 10, 84.	1.6	3
180	Harmonisation of physical and chemical methods for soil management in Cork Oak forests - Lessons from collaborative investigations. African Journal of Environmental Science and Technology, 2013, 7, 386-401.	0.2	2

#	Article	IF	Citations
181	Geochemistry | Inorganic â˜† . , 2018, , 271-271.		2
182	Identification of pollution sources in roadside soils of Cairo-Alexandria Highway, Egypt. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	2
183	Radioactive Waste Disposal. An Advanced Course in Nuclear Engineering, 2015, , 153-173.	0.1	2
184	Co-selection of antibiotic resistance caused by a legacy of PTE pollution in Gram-negative bacteria. Access Microbiology, 2019, 1, .	0.2	2
185	2D High-Resolution Crosswell Seismic Traveltime Tomography. Journal of Environmental and Engineering Geophysics, 2020, 25, 47-53.	1.0	2
186	Sedimentary facies characterization of forced regression in the Pearl River Mouth basin. Open Geosciences, 2022, 14, 208-223.	0.6	2
187	Unexplored Areas of Direct Solvolytic Liquefaction of Lignocellulosic Biomass. Chemie-Ingenieur-Technik, 2018, 90, 47-55.	0.4	1
188	Environmental Earth Sciences Progress Report 2020 and Outlook 2021. Environmental Earth Sciences, 2021, 80, 314.	1.3	1
189	Environmental Impact of the Chemical Industry. , 1996, , 251-288.		1
190	Visible Light-Driven Photocatalytic Degradation of 1,2,4-trichlorobenzene with Synthesized Co3O4 Photocatalyst. Polish Journal of Environmental Studies, 2018, 27, 2285-2292.	0.6	1
191	Enhancement of WEEE Management Practices in MTN Phone Village, Rumukurushi, Port Harcourt, Nigeria. Recycling, 2021, 6, 77.	2.3	1
192	Editorial: The society for environmental geochemistry and health (SEGH): 50Âyears and beyond. Environmental Geochemistry and Health, 2022, , 1.	1.8	1
193	Focus on Education and Training : Health, safety, waste and environmental management trainingâ€“balancing business needs with academic goals. Journal of Environmental Monitoring, 2002, 4, 84N.	2.1	0
194	Environmental Monitoring and Biodiagnostics of Hazardous Contaminants EDITED BY MICHAEL HEALY, DONALD WISE AND MURRAY MOO-YOUNG xiv + 337 pp., 153 figs., 61 tables, 17.0 Ã— 24.0 Ã— 2.2 cm, ISBN 0 7923 6869 X hardback, EUR 159.00/US$ 139.00/GBÂ£ 99.00, Dordrecht, the Netherlands: Kluwer Academic Publishers, 2001. Environmental Conservation, 2002, 29, 108-114.	0.7	0
195	Preface: selected papers from SEGH 2010 conference on environmental quality and human health. Environmental Geochemistry and Health, 2011, 33, 309-310.	1.8	0
196	Preface: selected papers from SESEH 2012 Sino-European Symposium on Environment and Health. Environmental Geochemistry and Health, 2013, 35, 551-552.	1.8	0
197	Selected papers from the 29th SEGH Conference on Environmental Geochemistry and Health. Environmental Geochemistry and Health, 2014, 36, 829-829.	1.8	0
198	Sustainable strategies for improved regulatory compliance within the food-processing sector. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 0, , 1-12.	0.9	0

#	Article	IF	Citations
199	Variation of Al species during water treatment: correlation with treatment efficiency under varied hydraulic conditions. Journal of Water Supply: Research and Technology - AQUA, 2021, 70, 891-900.	0.6	0
200	Development and Validation of a Box and Flux Model to Describe Major, Trace and Potentially Toxic Elements (PTEs) in Scottish Soils. International Journal of Environmental Research and Public Health, 2021, 18, 8930.	1.2	0
201	The growth of open access publishing in geochemistry: an update. , 2021, , .		0
202	Cytotoxic effect of vehicular PM metals Fe3+ & Zn2+ on lung epithelia. , 2020, , .		0
203	A Sustainable Environment? Theâ€˜Lopsided Viewâ€™ of an Environmental Geochemist. , 0, , 41-54.		0
204	Separation of dye from aqueous solution by a new gravity compression and aeration system. Environmental Technology (United Kingdom), 2023, 44, 4409-4423.	1.2	0