

Lead (Pb) isotopic fingerprinting and its applications in review

Environmental Pollution

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stable lead isotope characteristics of lead ore deposits of environmental significance. <i>Environmental Reviews</i> , 2000, 8, 115-147.	2.1	199
2	Lead Detoxification Activity and ADMET Hepatotoxicity of N-(\pm -l-Arabino-furanos-1-yl)-l-cysteine. <i>Chemical Research in Toxicology</i> , 2010, 23, 1282-1285.	1.7	3
3	Lead Detoxification Activities of a Class of Novel DMSA α -Amino Acid Conjugates. <i>Chemical Research in Toxicology</i> , 2011, 24, 979-984.	1.7	7
4	Asian Industrial Lead Inputs to the North Pacific Evidenced by Lead Concentrations and Isotopic Compositions in Surface Waters and Aerosols. <i>Environmental Science & Technology</i> , 2011, 45, 9874-9882.	4.6	79
5	Advances in atomic spectrometry and related techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1115.	1.6	14
6	Structural characterisation of 1,10-phenanthroline α -montmorillonite intercalation compounds and their application as low-cost electrochemical sensors for Pb(II) detection at the sub-nanomolar level. <i>Applied Clay Science</i> , 2011, 52, 258-265.	2.6	41
7	Provenancing anthropogenic Pb within the fluvial environment: Developments and challenges in the use of Pb isotopes. <i>Environment International</i> , 2011, 37, 802-819.	4.8	49
8	Lead poisoning in China: a nightmare from industrialisation. <i>Lancet, The</i> , 2011, 377, 1474-1476.	6.3	65
9	HbA1c: an old friend in new clothes. <i>Lancet, The</i> , 2011, 377, 1476-1477.	6.3	3
10	Morphological deformities and recovery, accumulation and elimination of lead in body tissues of Chinese sturgeon, <i>Acipenser sinensis</i> , early life stages: a laboratory study. <i>Journal of Applied Ichthyology</i> , 2011, 27, 514-519.	0.3	15
11	Accumulation and quantitative estimates of airborne lead for a wild plant (<i>Aster subulatus</i>). <i>Chemosphere</i> , 2011, 82, 1351-1357.	4.2	47
12	Metal and Metalloid Contaminants in Atmospheric Aerosols from Mining Operations. <i>Water, Air, and Soil Pollution</i> , 2011, 221, 145-157.	1.1	111
13	Techno-economic evaluation of the integrated biosorption α -pyrolysis technology for lead (Pb) recovery from aqueous solution. <i>Bioresource Technology</i> , 2011, 102, 6260-6265.	4.8	32
14	Adsorption of lead (Pb) from aqueous solution with <i>Typha angustifolia</i> biomass modified by SOCl ₂ activated EDTA. <i>Chemical Engineering Journal</i> , 2011, 170, 21-28.	6.6	78
15	Lead detoxification activities and ADMET hepatotoxicities of a class of novel 5-(1-carbonyl-l-amino-acid)-2,2-dimethyl-[1,3]dithiolane-4-carboxylic acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1754-1757.	1.0	6
16	One century sedimentary record of lead and zinc pollution in Yangzong Lake, a highland lake in southwestern China. <i>Journal of Environmental Sciences</i> , 2012, 24, 1189-1196.	3.2	48
17	3-mercaptopropyltrimethoxysilane-Modified Multi-walled Carbon Nanotubes as a New Functional Adsorbent for Flow Injection Extraction of Pb(II) from Water and Sediment Samples. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 6069-6081.	1.1	15
18	Environmental lead pollution threatens the children living in the Pearl River Delta region, China. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3268-3275.	2.7	37

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19	Comprehensive evaluation of heavy metal contamination in surface and core sediments of Taihu Lake, the third largest freshwater lake in China. <i>Environmental Earth Sciences</i> , 2012, 67, 39-51.	1.3	52
20	Stable lead isotopes as tracers of groundwater pollution in the water supply for a small village. <i>Environmental Earth Sciences</i> , 2012, 67, 1085-1095.	1.3	3
21	Isotopic identification of natural vs. anthropogenic lead sources in marine sediments from the inner R�a de Vigo (NW Spain). <i>Science of the Total Environment</i> , 2012, 437, 22-35.	3.9	41
22	Ammonium pyrrolidine dithiocarbamate anchored <i>Symphoricarpos albus</i> biomass for lead(II) removal: Batch and column biosorption study. <i>Journal of Hazardous Materials</i> , 2012, 227-228, 107-117.	6.5	16
23	Historical signature of Roman mining activities in the Bidasoa estuary (Basque Country, northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Archaeological Science</i> , 2012, 39, 2361-2370.	1.2	19
24	Lead atmospheric deposition rates and isotopic trends in Asian dust during the last 9.5kyr recorded in an ombrotrophic peat bog on the eastern Qinghai� Tibetan Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 4-22.	1.6	69
25	Isotopic evidence of lead sources in Loire River sediment. <i>Applied Geochemistry</i> , 2012, 27, 2019-2030.	1.4	26
27	Lead contamination and source in Shanghai in the past century using dated sediment cores from urban park lakes. <i>Chemosphere</i> , 2012, 88, 1161-1169.	4.2	50
28	Trend and concentrations of legacy lead (Pb) in highway runoff. <i>Environmental Pollution</i> , 2012, 160, 169-177.	3.7	46
29	Heavy metal pollution in sediments of a typical mariculture zone in South China. <i>Marine Pollution Bulletin</i> , 2012, 64, 712-720.	2.3	141
30	Ion-imprinted polyvinylimidazole-silica hybrid copolymer for selective extraction of Pb(II): Characterization and metal adsorption kinetic and thermodynamic studies. <i>Reactive and Functional Polymers</i> , 2012, 72, 83-91.	2.0	59
31	Critical evaluation of soil contamination assessment methods for trace metals. <i>Science of the Total Environment</i> , 2012, 426, 120-131.	3.9	78
32	Urbanization increased metal levels in lake surface sediment and catchment topsoil of waterscape parks. <i>Science of the Total Environment</i> , 2012, 432, 202-209.	3.9	57
33	A review on the importance of metals and metalloids in atmospheric dust and aerosol from mining operations. <i>Science of the Total Environment</i> , 2012, 433, 58-73.	3.9	419
34	Review of Pb availability and toxicity to plants in relation with metal speciation; role of synthetic and natural organic ligands. <i>Journal of Hazardous Materials</i> , 2012, 219-220, 1-12.	6.5	308
35	Differences in lead isotopic fingerprints between blood, hair and organs in lead-poisoned rats. <i>Science Bulletin</i> , 2012, 57, 744-749.	1.7	1
36	Cd isotopes as a potential source tracer of metal pollution in river sediments. <i>Environmental Pollution</i> , 2013, 181, 340-343.	3.7	79
37	What factors determine trace metal contamination in Lake Tonga (Algeria)?. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9905-9915.	1.3	9

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38	Source and distribution of metals in bed sediments of Subarnarekha River, India. <i>Environmental Earth Sciences</i> , 2013, 70, 3381-3392.	1.3	40
39	Assessing heavy metal pollution in the surface soils of a region that had undergone three decades of intense industrialization and urbanization. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6150-6159.	2.7	427
40	Identification of trace metal pollution in urban dust from kindergartens using magnetic, geochemical and lead isotopic analyses. <i>Atmospheric Environment</i> , 2013, 77, 9-15.	1.9	107
41	Historical reconstruction of atmospheric lead pollution in central Yunnan province, southwest China: an analysis based on lacustrine sedimentary records. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8739-8750.	2.7	53
42	Removal of Pb ²⁺ from aqueous solution by adsorption on chemically modified muskmelon peel. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4424-4434.	2.7	54
43	Review of source identification methodologies for heavy metals in solid waste. <i>Science Bulletin</i> , 2013, 58, 162-168.	1.7	8
44	Historical record of metal accumulation and lead source in the southeastern coastal region of Korea. <i>Marine Pollution Bulletin</i> , 2013, 74, 441-445.	2.3	12
45	Temporal evolution of lead isotope ratios in sediments of the Central Portuguese Margin: A fingerprint of human activities. <i>Marine Pollution Bulletin</i> , 2013, 74, 274-284.	2.3	19
46	Heavy metals distribution and contamination in surface sediments of the coastal Shandong Peninsula (Yellow Sea). <i>Marine Pollution Bulletin</i> , 2013, 76, 420-426.	2.3	116
47	Application of Stochastic Models in Identification and Apportionment of Heavy Metal Pollution Sources in the Surface Soils of a Large-Scale Region. <i>Environmental Science & Technology</i> , 2013, 47, 3752-3760.	4.6	208
48	All the Lead in China. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 1869-1944.	6.6	60
49	Adsorption study of lead(II) onto xanthated date palm trunk: kinetics, isotherm and mechanism. <i>Desalination and Water Treatment</i> , 2013, 51, 6798-6807.	1.0	21
50	Sedimentary lead pollution history: Lead isotope ratios and conservative elements at East Taihu Lake, Yangtze Delta, China. <i>Quaternary International</i> , 2013, 304, 5-12.	0.7	31
51	A novel in situ method for sampling urban soil dust: Particle size distribution, trace metal concentrations, and stable lead isotopes. <i>Environmental Pollution</i> , 2013, 177, 48-57.	3.7	92
52	Lead concentrations and isotope ratios in urban tree leaves. <i>Ecological Indicators</i> , 2013, 24, 504-509.	2.6	24
53	Microscopic Observation of Metal-Containing Particles from Chinese Continental Outflow Observed from a Non-Industrial Site. <i>Environmental Science & Technology</i> , 2013, 47, 9124-9131.	4.6	52
54	Forensic Assessment of Metal Contaminated Rivers in the 21st Century Using Geochemical and Isotopic Tracers. <i>Minerals (Basel, Switzerland)</i> , 2013, 3, 192-246.	0.8	21
55	Pollutant Diseases, Remediation and Recycling. <i>Environmental Chemistry for A Sustainable World</i> , 2013, , .	0.3	9

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56	Heavy Metals Pollution and Pb Isotopic Signatures in Surface Sediments Collected from Bohai Bay, North China. <i>Scientific World Journal, The</i> , 2014, 2014, 1-6.	0.8	4
57	Characteristics of Heavy Metals and Pb Isotopic Composition in Sediments Collected from the Tributaries in Three Gorges Reservoir, China. <i>Scientific World Journal, The</i> , 2014, 2014, 1-7.	0.8	3
58	Sedimentary geochemical record of human-induced environmental changes in Huanggaihu Lake in the middle reach of the Yangtze River, China. <i>Journal of Limnology</i> , 2014, 73, .	0.3	6
59	Assessment of air pollution around coal mining area: Emphasizing on spatial distributions, seasonal variations and heavy metals, using cluster and principal component analysis. <i>Atmospheric Pollution Research</i> , 2014, 5, 79-86.	1.8	216
60	Lead concentration and isotopic composition in the Pacific sclerosponge (<i>Acanthochaetetes wellsi</i>) reflects environmental lead pollution. <i>Geology</i> , 2014, 42, 287-290.	2.0	10
61	Contamination History of Lead and Other Trace Metals Reconstructed from an Urban Winter Pond in the Eastern Mediterranean Coast (Israel). <i>Environmental Science & Technology</i> , 2014, 48, 13592-13600.	4.6	22
62	Heavy metal records in the sediments of Nanyihu Lake, China: influencing factors and source identification. <i>Journal of Paleolimnology</i> , 2014, 51, 15-27.	0.8	32
63	High specificity detection of Pb ²⁺ ions by p-SCN-Bz-DTPA immunogen and p-NH ₂ -Bn-DTPA coating antigen. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 729-736.	3.3	2
64	<i>Ricinus communis</i> as an Element Biomonitor of Atmospheric Pollution in Urban Areas. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	12
65	Pollution and health risk of potentially toxic metals in urban road dust in Nanjing, a mega-city of China. <i>Science of the Total Environment</i> , 2014, 476-477, 522-531.	3.9	239
66	Past 140-year environmental record in the northern South China Sea: Evidence from coral skeletal trace metal variations. <i>Environmental Pollution</i> , 2014, 185, 97-106.	3.7	38
67	Chemical carbonization of papaya seed originated charcoals for sorption of Pb(II) from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 9-19.	3.3	59
68	Effect of Lead Pollution Control on Environmental and Childhood Blood Lead Level in Nantong, China: An Interventional Study. <i>Environmental Science & Technology</i> , 2014, 48, 12930-12936.	4.6	64
69	Combined removal of di(2-ethylhexyl)phthalate (DEHP) and Pb(ⁱⁱ) by using a cutinase loaded nanoporous gold-polyethyleneimine adsorbent. <i>RSC Advances</i> , 2014, 4, 55511-55518.	1.7	47
70	Source identification of heavy metal contamination using metal association and Pb isotopes in Ulsan Bay sediments, East Sea, Korea. <i>Marine Pollution Bulletin</i> , 2014, 88, 373-382.	2.3	29
71	Transport of Pb(II) by supported liquid membrane containing p-tert-butyl calix[4]amine derivative as carrier. <i>Desalination and Water Treatment</i> , 2014, 52, 3219-3225.	1.0	16
72	Fallout ²¹⁰ Pb as a soil and sediment tracer in catchment sediment budget investigations: A review. <i>Earth-Science Reviews</i> , 2014, 138, 335-351.	4.0	194
73	Lead isotopic composition in tree leaves as tracers of lead in an urban environment. <i>Ecological Indicators</i> , 2014, 45, 640-647.	2.6	18

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74	The source of natural and anthropogenic heavy metals in the sediments of the Minjiang River Estuary (SE China): Implications for historical pollution. <i>Science of the Total Environment</i> , 2014, 493, 729-736.	3.9	109
75	Atmospheric deposition of lead in remote high mountain of eastern Tibetan Plateau, China. <i>Atmospheric Environment</i> , 2014, 99, 425-435.	1.9	55
76	Chemical characteristics and source apportionment of PM10 during Asian dust storm and non-dust storm days in Beijing. <i>Atmospheric Environment</i> , 2014, 91, 85-94.	1.9	94
77	Positive matrix factorization as source apportionment of soil lead and cadmium around a battery plant (Changxing County, China). <i>Environmental Science and Pollution Research</i> , 2014, 21, 7698-7707.	2.7	67
78	Distribution, origin, and transformation of metal and metalloid pollution in vegetable fields, irrigation water, and aerosols near a Pb-Zn mine. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8242-8260.	2.7	20
79	Assessment of heavy metal pollution in sediments from Xiangjiang River (China) using sequential extraction and lead isotope analysis. <i>Journal of Central South University</i> , 2014, 21, 2349-2358.	1.2	29
80	Lead contamination and transfer in urban environmental compartments analyzed by lead levels and isotopic compositions. <i>Environmental Pollution</i> , 2014, 187, 42-48.	3.7	59
81	Environmental Exposure to Lead (Pb) and Variations in Its Susceptibility. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2014, 32, 159-185.	2.9	45
82	Tracing the recently increasing anthropogenic Pb inputs into the East China Sea shelf sediments using Pb isotopic analysis. <i>Marine Pollution Bulletin</i> , 2014, 79, 333-337.	2.3	24
83	Identification and apportionment of hazardous elements in the sediments in the Yangtze River estuary. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20215-20225.	2.7	21
84	Atmospheric wet and dry deposition of trace elements at 10 sites in Northern China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 951-972.	1.9	217
85	Sediment records of the metal pollution at Chihu Lake near a copper mine at the middle Yangtze River in China. <i>Journal of Limnology</i> , 2015, , .	0.3	3
86	Atmospheric Deposition History of Trace Metals and Metalloids for the Last 200 Years Recorded by Three Peat Cores in Great Hinggan Mountain, Northeast China. <i>Atmosphere</i> , 2015, 6, 380-409.	1.0	35
87	Lead Poisoning Disturbs Oligodendrocytes Differentiation Involved in Decreased Expression of NCX3 Inducing Intracellular Calcium Overload. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19096-19110.	1.8	19
88	Spatial Evaluation of Heavy Metals Concentrations in the Surface Sediment of Taihu Lake. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15028-15039.	1.2	34
89	Atmospheric lead in urban Guiyang, Southwest China: Isotopic source signatures. <i>Atmospheric Environment</i> , 2015, 115, 163-169.	1.9	50
90	Black coral as a new environmental recorder: The lead profiles in coral skeletons over the past century. <i>Marine Pollution Bulletin</i> , 2015, 101, 226-231.	2.3	4
91	Impact of anthropogenic Pb and ocean circulation on the recent distribution of Pb isotopes in the Indian Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 170, 126-144.	1.6	35

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92	Lead spatio-temporal pattern identification in urban microenvironments using moss bags and the Kohonen self-organizing maps. <i>Atmospheric Environment</i> , 2015, 117, 180-186.	1.9	12
93	Synthesis of Quercetin Loaded Nanoparticles Based on Alginate for Pb(II) Adsorption in Aqueous Solution. <i>Nanoscale Research Letters</i> , 2015, 10, 408.	3.1	51
94	Distribution and bioaccumulation of lead in the coastal watersheds of the Northern Bohai and Yellow Seas in China. <i>Environmental Geochemistry and Health</i> , 2015, 37, 491-506.	1.8	11
95	Identifying sources of Pb pollution in urban soils by means of MC-ICP-MS and TOF-SIMS. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7859-7872.	2.7	17
96	Source identification and apportionment of heavy metals in urban soil profiles. <i>Chemosphere</i> , 2015, 127, 152-157.	4.2	231
97	Effect of soil properties on the toxicity of Pb: Assessment of the appropriateness of guideline values. <i>Journal of Hazardous Materials</i> , 2015, 289, 46-53.	6.5	67
98	Historical records of multiple heavy metals from dated sediment cores in Lake Chenghai, China. <i>Environmental Earth Sciences</i> , 2015, 74, 3897-3906.	1.3	9
99	Lead isotope profiling in dairy calves. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 71, 174-177.	1.3	4
100	Biomonitoring and Evaluation of Metal Concentrations in Sediment and Crab Samples from the North-West Province of South Africa. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	18
101	Field isotopic study of lead fate and compartmentalization in earthworm-soil-metal particle systems for highly polluted soil near Pb recycling factory. <i>Chemosphere</i> , 2015, 138, 10-17.	4.2	21
102	Tracing metal sources in core sediments of the artificial lake An-Dong, Korea: Concentration and metal association. <i>Science of the Total Environment</i> , 2015, 527-528, 384-392.	3.9	19
103	Immobilization of Lead and Cadmium in Contaminated Soil Using Amendments: A Review. <i>Pedosphere</i> , 2015, 25, 555-568.	2.1	200
104	Tracing toxic elements sources using lead isotopes: An example from the San Antonio El Triunfo mining district, Baja California Sur, Mexico. <i>Applied Geochemistry</i> , 2015, 59, 23-32.	1.4	12
105	Electrospinning for High Performance Sensors. <i>Nanoscience and Technology</i> , 2015, . .	1.5	30
106	Metal Ion-Assisted Photochemical Vapor Generation for the Determination of Lead in Environmental Samples by Multicollector-ICPMS. <i>Analytical Chemistry</i> , 2015, 87, 4495-4502.	3.2	98
107	Regeneration of magnetic biochar derived from eucalyptus leaf residue for lead(II) removal. <i>Bioresource Technology</i> , 2015, 186, 360-364.	4.8	90
108	Assessment of Heavy Metal Pollution in Sediments of Inflow Rivers to Lake Taihu, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 618-623.	1.3	27
109	Metals in Some Edible Fish and Shrimp Species Collected in Dry Season from Subarnarekha River, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 226-233.	1.3	10

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110	Tracing the Pb origin using stable Pb isotope ratios in sediments of Liaodong Bay, China. <i>Continental Shelf Research</i> , 2015, 111, 268-278.	0.9	15
111	Lead in Chinese villager house dust: Geographical variation and influencing factors. <i>Environmental Pollution</i> , 2015, 207, 183-189.	3.7	20
112	Distribution, source identification and risk assessment of selected metals in sediments from freshwater lake. <i>International Journal of Sediment Research</i> , 2015, 30, 241-249.	1.8	16
113	Anthropogenic impact on diffuse trace metal accumulation in river sediments from agricultural reclamation areas with geochemical and isotopic approaches. <i>Science of the Total Environment</i> , 2015, 536, 609-615.	3.9	35
114	Kinetics and equilibrium studies on biosorption of Pb(II) from aqueous solution by a novel biosorbent: <i>Cyclosorus interruptus</i> . <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2219-2228.	3.3	47
115	Anthropogenic Pb input into Bohai Bay, China: Evidence from stable Pb isotopic compositions in sediments. <i>Continental Shelf Research</i> , 2015, 109, 188-197.	0.9	14
116	Speciation and risk of heavy metals in sediments and human health implications of heavy metals in edible nekton in Beibu Gulf, China: A case study of Qinzhou Bay. <i>Marine Pollution Bulletin</i> , 2015, 101, 852-859.	2.3	91
117	Assessment of mobility and bio-availability of heavy metals in dry depositions of Asian dust and implications for environmental risk. <i>Chemosphere</i> , 2015, 119, 1411-1421.	4.2	67
118	Application of Geochemical Tracers to Fluvial Sediment. <i>SpringerBriefs in Earth Sciences</i> , 2015, , .	0.5	17
119	Arsenic pollution of agricultural soils by concentrated animal feeding operations (CAFOs). <i>Chemosphere</i> , 2015, 119, 273-281.	4.2	94
120	The History, Status, Gaps, and Future Directions of Neurotoxicology in China. <i>Environmental Health Perspectives</i> , 2016, 124, 722-732.	2.8	4
121	Lead in the western South China Sea: Evidence of atmospheric deposition and upwelling. <i>Geophysical Research Letters</i> , 2016, 43, 4490-4499.	1.5	18
122	Metal enrichment and lead isotope analysis for source apportionment in the urban dust and rural surface soil. <i>Environmental Pollution</i> , 2016, 216, 764-772.	3.7	70
123	Tea Beverages and Extracts as a Source of Exposure to Lead and Other Heavy Metals. , 2016, , 327-336.		0
124	A 150-year isotopic record of lead deposition in Yancheng coastal wetland, China. <i>Chinese Geographical Science</i> , 2016, 26, 755-769.	1.2	7
125	Influence of pollution control on lead inhalation bioaccessibility in PM _{2.5} : A case study of 2014 Youth Olympic Games in Nanjing. <i>Environment International</i> , 2016, 94, 69-75.	4.8	56
126	Using trace element content and lead isotopic composition to assess sources of PM in Tijuana, Mexico. <i>Atmospheric Environment</i> , 2016, 132, 171-178.	1.9	8
127	Tracing dust transport from Middle-East over Delhi in March 2012 using metal and lead isotope composition. <i>Atmospheric Environment</i> , 2016, 132, 179-187.	1.9	32

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128	Lead isotope ratios in six lake sediment cores from Japan Archipelago: Historical record of trans-boundary pollution sources. <i>Science of the Total Environment</i> , 2016, 559, 24-37.	3.9	41
129	Risk Assessment Due to Intake of Metals in Groundwater of East Bokaro Coalfield, Jharkhand, India. <i>Exposure and Health</i> , 2016, 8, 265-275.	2.8	58
130	Spatial distribution and sources of trace elements in surface soils, Changchun, China: Insights from stochastic models and geostatistical analyses. <i>Geoderma</i> , 2016, 273, 54-63.	2.3	21
131	Lead tolerance mechanism in <i>Conyza canadensis</i> : subcellular distribution, ultrastructure, antioxidative defense system, and phytochelatins. <i>Journal of Plant Research</i> , 2016, 129, 251-262.	1.2	42
132	Uncovering the Evolution of Lead In-Use Stocks in Lead-Acid Batteries and the Impact on Future Lead Metabolism in China. <i>Environmental Science & Technology</i> , 2016, 50, 5412-5419.	4.6	44
133	The Challenges and Solutions for Cadmium-contaminated Rice in China: A Critical Review. <i>Environment International</i> , 2016, 92-93, 515-532.	4.8	518
134	Increasing heavy metals in the background atmosphere of central North China since the 1980s: Evidence from a 200-year lake sediment record. <i>Atmospheric Environment</i> , 2016, 138, 183-190.	1.9	47
135	Heavy metal deposition through rainfall in Chinese natural terrestrial ecosystems: Evidences from national-scale network monitoring. <i>Chemosphere</i> , 2016, 164, 128-133.	4.2	45
136	Biomonitoring trace metal contamination by seven sympatric alpine species in Eastern Tibetan Plateau. <i>Chemosphere</i> , 2016, 165, 388-398.	4.2	29
137	Contamination and isotopic composition of Pb and Sr in offshore surface sediments from Jiulong River, Southeast China. <i>Environmental Pollution</i> , 2016, 218, 644-650.	3.7	30
138	Identification of Pb sources using Pb isotopic compositions in the core sediments from Western Xiamen Bay, China. <i>Marine Pollution Bulletin</i> , 2016, 113, 247-252.	2.3	9
140	Source and pathway analysis of lead and polycyclic aromatic hydrocarbons in Lisbon urban soils. <i>Science of the Total Environment</i> , 2016, 573, 324-336.	3.9	30
141	Pb-Sr isotopic and geochemical constraints on sources and processes of lead contamination in well waters and soil from former fruit orchards, Pennsylvania, USA: A legacy of anthropogenic activities. <i>Journal of Geochemical Exploration</i> , 2016, 170, 125-147.	1.5	19
142	Soil Amendments for Heavy Metal Immobilization Using Different Crops. , 2016, , 371-399.		1
143	Tracing lead contamination in foods in the city of Kolkata, India. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22454-22466.	2.7	16
144	Expressing lead isotopic compositions by fractional abundances for environmental source apportionment. <i>Environmental Pollution</i> , 2016, 218, 446-452.	3.7	3
145	Voltammetric Sensor Modified by EDTA-immobilized Graphene-like Carbon Nitride Nanosheets: Preparation, Characterization and Selective Determination of Ultra-Trace Pb (II) in Water Samples. <i>Electrochimica Acta</i> , 2016, 212, 722-733.	2.6	36
146	Effective radium concentration in topsoils contaminated by lead and zinc smelters. <i>Science of the Total Environment</i> , 2016, 566-567, 865-876.	3.9	16

#	ARTICLE	IF	CITATIONS
147	Lead isotope fingerprinting used as a tracer of lead pollution in marine sediments from Botany Bay and Port Hacking estuaries, southern Sydney, Australia. <i>Regional Studies in Marine Science</i> , 2016, 7, 136-141.	0.4	13
148	Development of procedure for measurement of Pb isotope ratios in seawater by application of seaFAST sample pre-treatment system and Sector Field Inductively Coupled Plasma Mass Spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 126, 93-100.	1.5	9
149	Changes in subcellular distribution and antioxidant compounds involved in Pb accumulation and detoxification in <i>Neyraudia reynaudiana</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 21794-21804.	2.7	41
150	Synthesis and Applications of Alpha/Beta Emitter-Labelled Nanoparticles. , 2016, , 405-450.		1
151	Lead chromate detected as a source of atmospheric Pb and Cr (VI) pollution. <i>Scientific Reports</i> , 2016, 6, 36088.	1.6	30
152	The Antagonistic Effect of Selenium on Lead-Induced Inflammatory Factors and Heat Shock Proteins mRNA Expression in Chicken Livers. <i>Biological Trace Element Research</i> , 2016, 171, 437-444.	1.9	38
153	Achieving high-efficiency and ultrafast removal of Pb(Pb^{2+}) by one-pot incorporation of a N-doped carbon hydrogel into FeMg layered double hydroxides. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10336-10344.	5.2	63
154	Geochemical assessment and fractionation of trace metals in estuarine sedimentary sub-environments, in Mumbai, India. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2016, 6, 14-23.	1.7	3
155	Insights into past atmospheric lead emissions using lead concentrations and isotopic compositions in historic lichens and fungi (1852–2008) from central and southern Victoria, Australia. <i>Atmospheric Environment</i> , 2016, 139, 46-55.	1.9	14
156	Thallium dispersal and contamination in surface sediments from South China and its source identification. <i>Environmental Pollution</i> , 2016, 213, 878-887.	3.7	44
157	Behaviour mechanisms and correlation between lead (Pb) and its isotope ^{210}Pb in industrial residue as an indicator for waste characterization. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 3208-3218.	1.2	5
158	Estimating emission source of lead using ^{210}Pb specific activity ($^{210}\text{Pb}/\text{Pb}$) and zinc as tracers in Slovenian forest soils. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 79-87.	0.7	2
159	Spatial and temporal variation in distribution of metals in bed sediments of Subarnarekha River, India. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	1
160	Fuzzy comprehensive assessment of heavy metals and Pb isotopic signature in surface sediments from a bay under serious anthropogenic influences: Daya Bay, China. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 38-44.	2.9	39
161	Preparation of lead (Pb) X-ray fluorescence reference materials for the EPA Pb monitoring program and the IMPROVE network using an aerosol deposition method. <i>Aerosol Science and Technology</i> , 2016, 50, 309-320.	1.5	13
162	Source identification and apportionment of soil cadmium in cropland of Eastern China: a combined approach of models and geographic information system. <i>Journal of Soils and Sediments</i> , 2016, 16, 467-475.	1.5	34
163	Reconstruction of historical lead contamination and sources in Lake Hailing, Eastern China: a Pb isotope study. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9183-9191.	2.7	9
164	Reliability of stable Pb isotopes to identify Pb sources and verifying biological fractionation of Pb isotopes in goats and chickens. <i>Environmental Pollution</i> , 2016, 208, 395-403.	3.7	28

#	ARTICLE	IF	CITATIONS
165	Lead isotopic fingerprinting of aerosols to characterize the sources of atmospheric lead in an industrial city of India. <i>Atmospheric Environment</i> , 2016, 129, 27-33.	1.9	55
166	An inorganic-organic hybrid material from the co-intercalation of a cationic surfactant and thiourea within montmorillonite layers: application to the sensitive stripping voltammetric detection of Pb ²⁺ and Cd ²⁺ ions. <i>Comptes Rendus Chimie</i> , 2016, 19, 789-797.	0.2	11
167	Heavy metal pollution and Pb isotopic tracing in the intertidal surface sediments of Quanzhou Bay, southeast coast of China. <i>Marine Pollution Bulletin</i> , 2016, 105, 416-421.	2.3	38
168	Spatial distribution, health risk assessment, and isotopic composition of lead contamination of street dusts in different functional areas of Beijing, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3247-3255.	2.7	25
169	Bioaccessibility, sources and health risk assessment of trace metals in urban park dust in Nanjing, Southeast China. <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 161-170.	2.9	128
170	Metal(loid) distribution and Pb isotopic signatures in the urban environment of Athens, Greece. <i>Environmental Pollution</i> , 2016, 213, 420-431.	3.7	42
171	A century long sedimentary record of anthropogenic lead (Pb), Pb isotopes and other trace metals in Singapore. <i>Environmental Pollution</i> , 2016, 213, 446-459.	3.7	49
172	Historical record of lead accumulation and source in the tidal flat of Haizhou Bay, Yellow Sea: Insights from lead isotopes. <i>Marine Pollution Bulletin</i> , 2016, 106, 383-387.	2.3	17
173	Polycyclic aromatic hydrocarbons (PAHs) and Pb isotopic ratios in a sediment core from Shilianghe Reservoir, eastern China: Implying pollution sources. <i>Applied Geochemistry</i> , 2016, 66, 140-148.	1.4	19
174	Application of lead isotopic methods to the study of the anthropogenic lead provenance in Spanish overbank floodplain deposits. <i>Environmental Geochemistry and Health</i> , 2016, 38, 449-468.	1.8	4
175	Polybrominated diphenyl ethers (PBDEs) and heavy metals in road dusts from a plastic waste recycling area in north China: implications for human health. <i>Environmental Science and Pollution Research</i> , 2016, 23, 625-637.	2.7	45
176	A review of single aerosol particle studies in the atmosphere of East Asia: morphology, mixing state, source, and heterogeneous reactions. <i>Journal of Cleaner Production</i> , 2016, 112, 1330-1349.	4.6	235
177	Natural vs. anthropogenic sources supply aeolian dust to the Miaoergou Glacier: Evidence from Sr ⁸⁷ /Sr ⁸⁶ and Pb isotopes in the eastern Tianshan ice core. <i>Quaternary International</i> , 2017, 430, 60-70.	0.7	12
178	Spatio-temporal distribution and sources of Pb identified by stable isotopic ratios in sediments from the Yangtze River Estuary and adjacent areas. <i>Science of the Total Environment</i> , 2017, 580, 936-945.	3.9	22
179	Contamination of heavy metals and isotopic tracing of Pb in intertidal surface sediments of Jinjiang River Estuary, SE China. <i>Applied Geochemistry</i> , 2017, 83, 41-49.	1.4	25
180	Geochemical analysis of sediments from a semi-enclosed bay (Dongshan Bay, southeast China) to determine the anthropogenic impact and source. <i>Chemosphere</i> , 2017, 174, 764-773.	4.2	16
181	Insights of Pb isotopic signature into the historical evolution and sources of Pb contamination in a sediment core of the southwestern Iberian Atlantic shelf. <i>Science of the Total Environment</i> , 2017, 586, 473-484.	3.9	12
182	Monitoring steel bridge renovation using lead isotopic tracing. <i>Chemosphere</i> , 2017, 174, 260-267.	4.2	1

#	ARTICLE	IF	CITATIONS
183	Optimization of an acidic digestion method for the determination of total Pb concentration and its isotope ratios in human blood using ICP-QMS. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 350-358.	0.9	2
184	Comparison of soil heavy metal pollution caused by e-waste recycling activities and traditional industrial operations. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9387-9398.	2.7	90
185	Probabilistic modeling of aggregate lead exposure in children of urban China using an adapted IEUBK model. <i>Science of the Total Environment</i> , 2017, 584-585, 259-267.	3.9	17
186	Chemical characteristics and Pb isotopic compositions of PM 2.5 in Nanchang, China. <i>Particuology</i> , 2017, 32, 95-102.	2.0	24
187	Source apportionment of Pb-containing particles in Beijing during January 2013. <i>Environmental Pollution</i> , 2017, 226, 30-40.	3.7	36
188	Cadmium Exposure and Osteoporosis: A Population-Based Study and Benchmark Dose Estimation in Southern China. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1990-2000.	3.1	50
189	Tracing the origin of Pb using stable Pb isotopes in surface sediments along the Korean Yellow Sea coast. <i>Ocean Science Journal</i> , 2017, 52, 177-192.	0.6	7
190	Pollution characteristics and human health risks of potentially (eco)toxic elements (PTEs) in road dust from metropolitan area of Hefei, China. <i>Chemosphere</i> , 2017, 181, 111-121.	4.2	160
191	Assessment of Mine Water Quality Using Heavy Metal Pollution Index in a Coal Mining Area of Damodar River Basin, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 54-61.	1.3	55
192	Multivariate statistical and lead isotopic analyses approach to identify heavy metal sources in topsoil from the industrial zone of Beijing Capital Iron and Steel Factory. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14877-14888.	2.7	53
193	Deposition behavior, risk assessment and source identification of heavy metals in reservoir sediments of Northeast China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 454-463.	2.9	73
194	Tracking historical mobility behavior and sources of lead in the 59-year sediment core from the Huaihe River using lead isotopic compositions. <i>Chemosphere</i> , 2017, 184, 584-593.	4.2	17
195	Enrichment and geochemical mobility of heavy metals in bottom sediment of the Hoedong reservoir, Korea and their source apportionment. <i>Chemosphere</i> , 2017, 184, 74-85.	4.2	54
196	Identifying the source of Zn in soils around a Zn smelter using Pb isotope ratios and mineralogical analysis. <i>Science of the Total Environment</i> , 2017, 601-602, 66-72.	3.9	31
197	Lead isotope distribution and enrichment factors in soil profiles around an abandoned Pb-smelter plant. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2331-2342.	1.8	4
198	Contamination and health risks of heavy metals in street dust from a coal-mining city in eastern China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 83-91.	2.9	191
199	Profiles of lead in urban dust and the effect of the distance to multi-industry in an old heavy industry city in China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 137, 281-287.	2.9	7
200	Source apportionment and health risk assessment of heavy metals in soil for a township in Jiangsu Province, China. <i>Chemosphere</i> , 2017, 168, 1658-1668.	4.2	507

#	ARTICLE	IF	CITATIONS
201	Analysis of the contaminants released from municipal solid waste landfill site: A case study. <i>Science of the Total Environment</i> , 2017, 580, 593-601.	3.9	143
202	Lead relative bioavailability in soils based on different endpoints of a mouse model. <i>Journal of Hazardous Materials</i> , 2017, 326, 94-100.	6.5	23
203	Challenges and opportunities in quantitative analyses of lead, cadmium, and hexavalent chromium in plant materials by laser-induced breakdown spectroscopy: A review. <i>Applied Spectroscopy Reviews</i> , 2017, 52, 605-622.	3.4	17
204	2. Biogeochemistry of Lead. Its Release to the Environment and Chemical Speciation. , 2017, 17, 21-48.		11
205	Lead Isotopic Compositions of Selected Coals, Pb/Zn Ores and Fuels in China and the Application for Source Tracing. <i>Environmental Science & Technology</i> , 2017, 51, 13502-13508.	4.6	132
206	Distributions and sources of heavy metals in sediments of the Bohai Sea, China: a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 24753-24764.	2.7	41
207	Chronology of anthropogenic impacts reconstructed from sediment records of trace metals and Pb isotopes in Todos os Santos Bay (NE Brazil). <i>Marine Pollution Bulletin</i> , 2017, 125, 459-471.	2.3	30
208	Removal of Pb 2+ ions from aqueous solutions by fixed-BED column using a modified brick: (Micro)structural, electrokinetic and mechanistic aspects. <i>Applied Clay Science</i> , 2017, 148, 56-67.	2.6	12
209	Tracing the sources of lead (Pb) in Brunei Bay, Borneo by using integrated spectrometry ICP-MS and chemometric techniques. <i>Marine Pollution Bulletin</i> , 2017, 123, 232-240.	2.3	18
210	Pb concentrations and isotopic record preserved in northwest Greenland snow. <i>Chemosphere</i> , 2017, 187, 294-301.	4.2	16
211	Trace metals and magnetic particles in PM2.5: Magnetic identification and its implications. <i>Scientific Reports</i> , 2017, 7, 9865.	1.6	42
212	Geochemical mapping, environmental assessment and Pb isotopic signatures of geogenic and anthropogenic sources in three localities in SW Spain with different land use and geology. <i>Journal of Geochemical Exploration</i> , 2017, 181, 172-190.	1.5	17
213	Human health risk assessment and source analysis of metals in soils along the G324 Roadside, China, by Pb and Sr isotopic tracing. <i>Geoderma</i> , 2017, 305, 293-304.	2.3	29
214	Improved source apportionment of PAHs and Pb by integrating Pb stable isotopes and positive matrix factorization application (PAHs): A historical record case study from the northern South China Sea. <i>Science of the Total Environment</i> , 2017, 609, 577-586.	3.9	28
215	Isotope signature characterization of Pb and U in open air by laser-ablation mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1932-1937.	1.6	1
216	Design of L-cysteine functionalized Au@SiO2@Fe3O4/nitrogen-doped graphene nanocomposite and its application in electrochemical detection of Pb2+. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 951-957.	1.3	9
217	Pollution characteristics and source identification of trace metals in riparian soils of Miyun Reservoir, China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 321-329.	2.9	33
218	Tracing environmental lead sources on the Ao mountain of China using lead isotopic composition and biomonitoring. <i>Journal of Mountain Science</i> , 2017, 14, 1358-1372.	0.8	5

#	ARTICLE	IF	CITATIONS
219	Heavy metal-polluted aerosols collected at a rural site, Northwest China. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 535-544.	1.1	12
220	Distributions of $\delta^{14}\text{C}$, biogeochemistry and elemental concentration in Hani mire peat profiles, NE China: Implications of environmental change. <i>Quaternary International</i> , 2017, 447, 128-143.	0.7	9
221	A century-long trend of metal pollution in the Sheyang River, on the coast of Jiangsu (China), reconstructed from sedimentary record. <i>Chemistry and Ecology</i> , 2017, 33, 1-17.	0.6	14
222	Sources and chronology of combustion-derived pollution to Shilianghe Reservoir, eastern China: Evidences from PAHs profiles, As, Hg, Pb and Pb isotopes. <i>Catena</i> , 2017, 149, 232-240.	2.2	12
223	Historical variations of atmospheric trace metal pollution in Southwest China: Reconstruction from a 150-year lacustrine sediment record in the Erhai Lake. <i>Journal of Geochemical Exploration</i> , 2017, 172, 62-70.	1.5	38
224	Elemental distribution and trace metal contamination in the surface sediment of south east coast of India. <i>Marine Pollution Bulletin</i> , 2017, 114, 1164-1170.	2.3	44
225	An isotopic study of atmospheric lead in a megacity after phasing out of leaded gasoline. <i>Atmospheric Environment</i> , 2017, 149, 70-83.	1.9	47
226	The Paroo Station Mine supergene lead deposits, Western Australia: Geological and geochemical constraints. <i>Ore Geology Reviews</i> , 2017, 80, 564-593.	1.1	1
227	14. Environmental Impact of Alkyl Lead(IV) Derivatives: Perspective after Their Phase-out. , 2017, 17, 471-490.		4
228	>Influence of natural radon and metal contamination on surface water quality from a Brazilian Semiarid Region. <i>Acta Scientiarum - Biological Sciences</i> , 2017, 39, 275.	0.3	5
229	Elemental Profile and $^{207}\text{Pb}/^{206}\text{Pb}$, $^{208}\text{Pb}/^{206}\text{Pb}$, $^{204}\text{Pb}/^{206}\text{Pb}$, $^{87}\text{Sr}/^{86}\text{Sr}$ Isotope Ratio as Fingerprints for Geographical Traceability of Romanian Wines. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 223-239.	0.5	19
230	The Environmental Burdens of Lead-Acid Batteries in China: Insights from an Integrated Material Flow Analysis and Life Cycle Assessment of Lead. <i>Energies</i> , 2017, 10, 1969.	1.6	15
231	Agroecological Responses of Heavy Metal Pollution with Special Emphasis on Soil Health and Plant Performances. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	215
232	A Multianalytical Approach for the Assessment of Toxic Element Distribution in Soils From Mine and Quarry Areas. , 2017, , 33-62.		4
233	Metals in Fishes from Yongshu Island, Southern South China Sea: Human Health Risk Assessment. <i>Journal of Toxicology</i> , 2017, 2017, 1-12.	1.4	7
234	The Effects of Biogeochemical Modification of Fe-Rich Smectite on the Fate of Pb. <i>Clays and Clay Minerals</i> , 2017, 65, 410-416.	0.6	2
235	Differential distribution of metals in tree tissues growing on reclaimed coal mine overburden dumps, Jharia coal field (India). <i>Environmental Science and Pollution Research</i> , 2018, 25, 9745-9758.	2.7	37
236	Direct lead isotopic analysis of bioethanol by means of multi-collector ICP-mass spectrometry with a total consumption sample introduction system. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 481-490.	1.6	3

#	ARTICLE	IF	CITATIONS
237	Recent atmospheric metal deposition in peatlands of northeast China: A review. <i>Science of the Total Environment</i> , 2018, 626, 1284-1294.	3.9	40
239	Spatial distribution, risk and potential sources of lead in soils in the vicinity of a historic industrial site. <i>Chemosphere</i> , 2018, 205, 244-252.	4.2	33
240	Growth of the fungus <i>Chaetomium aureum</i> in the presence of lead: implications in bioremediation. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	6
241	Combining emission inventory and isotope ratio analyses for quantitative source apportionment of heavy metals in agricultural soil. <i>Chemosphere</i> , 2018, 204, 140-147.	4.2	75
242	Statistical assessment to magnetic susceptibility and heavy metal data for characterizing the coastal sediment of East coast of Tamilnadu, India. <i>Applied Radiation and Isotopes</i> , 2018, 135, 177-183.	0.7	11
243	Hearing loss in children with e-waste lead and cadmium exposure. <i>Science of the Total Environment</i> , 2018, 624, 621-627.	3.9	59
244	Assessment of Hydrogeochemical Processes and Mine Water Suitability for Domestic, Irrigation, and Industrial Purposes in East Bokaro Coalfield, India. <i>Mine Water and the Environment</i> , 2018, 37, 493-504.	0.9	34
245	Geochemical sources of metal contamination in a coal mining area in Chhattisgarh, India using lead isotopic ratios. <i>Chemosphere</i> , 2018, 197, 152-164.	4.2	36
246	Assessing heavy metal toxicity in sediments of Chennai Coast of Tamil Nadu using Energy Dispersive X-Ray Fluorescence Spectroscopy (EDXRF) with statistical approach. <i>Toxicology Reports</i> , 2018, 5, 173-182.	1.6	43
247	Quantitative assessment of Pb sources in isotopic mixtures using a Bayesian mixing model. <i>Scientific Reports</i> , 2018, 8, 6154.	1.6	39
248	Association between hunting and elevated blood lead levels in the critically endangered African white-backed vulture <i>Gyps africanus</i> . <i>Science of the Total Environment</i> , 2018, 630, 1654-1665.	3.9	46
249	Sorption of Pb(II) by Nanosized Ferrihydrite Organo-Mineral Composites Formed by Adsorption versus Coprecipitation. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 556-564.	1.2	63
250	Interfacial growth of nitrogen-doped carbon with multi-functional groups on the MoS ₂ skeleton for efficient Pb(II) removal. <i>Science of the Total Environment</i> , 2018, 631-632, 912-920.	3.9	25
251	Tissue-specific molecular and cellular toxicity of Pb in the oyster (<i>Crassostrea gigas</i>): mRNA expression and physiological studies. <i>Aquatic Toxicology</i> , 2018, 198, 257-268.	1.9	37
252	Source identification of heavy metals in peri-urban agricultural soils of southeast China: An integrated approach. <i>Environmental Pollution</i> , 2018, 237, 650-661.	3.7	269
253	Assessment of Contamination by Metals in Coastal Sediments from South East Coast of Tamil Nadu, India with Statistical Approach. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1989-2004.	0.7	3
254	Geochemical and Pb isotopic characterization of soil, groundwater, human hair, and corn samples from the Domizio Flegreo and Agro Aversano area (Campania region, Italy). <i>Journal of Geochemical Exploration</i> , 2018, 184, 318-332.	1.5	20
255	Voltammetric simultaneous ion flux measurements platform for Cu ²⁺ , Pb ²⁺ and Hg ²⁺ near rice root surface: Utilizing carbon nitride heterojunction film modified carbon fiber microelectrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 98-106.	4.0	21

#	ARTICLE	IF	CITATIONS
256	Source apportionment of heavy metals in agricultural soil based on PMF: A case study in Hexi Corridor, northwest China. <i>Chemosphere</i> , 2018, 193, 189-197.	4.2	377
257	Sources, symptoms and characteristics of childhood lead poisoning: experience from a lead specialty clinic in China. <i>Clinical Toxicology</i> , 2018, 56, 397-403.	0.8	22
258	Lead isotopic fingerprint in human scalp hair: The case study of Iglesias mining district (Sardinia, Italy). <i>Journal of Geochemical Exploration</i> , 2018, 193, 10-14.	3.9	14
259	Historical pyrogenic sources of black carbon during the last 150 years in the Great Hinggan Mountains, Northeast China. <i>Journal of Soils and Sediments</i> , 2018, 18, 708-717.	1.5	9
260	Determination of lead isotope ratios in uranium mine products in South Africa by means of inductively coupled plasma mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 315, 1-12.	0.7	6
261	Assessment of pollutions and identification of sources of heavy metals in sediments from west coast of Shenzhen, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3647-3656.	2.7	40
262	Lead and Strontium Isotopes as Monitors of Anthropogenic Contaminants in the Surficial Environment. <i>Journal of Geochemical Exploration</i> , 2018, 193, 307-362.		3
263	Spatial distribution and source apportionment of the heavy metals in the agricultural soil in a regional scale. <i>Journal of Soils and Sediments</i> , 2018, 18, 852-862.	1.5	44
264	Fingerprinting Suspended Sediment Sources in an Urbanized Watershed. <i>Water (Switzerland)</i> , 2018, 10, 1573.	1.2	12
266	Optimisation of a current generation ICP-QMS and benchmarking against MC-ICP-MS spectrometry for the determination of lead isotope ratios in environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 2184-2194.	1.6	7
268	Lead and strontium isotopes as tracers to investigate the potential sources of lead in soil and groundwater: A case study of the Hun River alluvial fan. <i>Applied Geochemistry</i> , 2018, 97, 291-300.	1.4	18
269	Comparative studies on growth and Pb(II) removal from aqueous solution by <i>Nostoc muscorum</i> and <i>Anabaena variabilis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 637-644.	2.9	14
270	Sources of atmospheric lead (Pb) in and around an Indian megacity. <i>Atmospheric Environment</i> , 2018, 193, 57-65.	1.9	48
271	Spatial and Seasonal Distribution of Cadmium and Lead in Sediment, Water and Its Response of Metal Transcription Factor-1 in Cardinal Fish <i>Apogon niger</i> . <i>Ilmu Kelautan: Indonesian Journal of Marine Sciences</i> , 2018, 23, 45.	0.3	0
272	One-century sedimentary record of heavy metal pollution in western Taihu Lake, China. <i>Environmental Pollution</i> , 2018, 240, 709-716.	3.7	73
273	Source discrimination of atmospheric metal deposition by multi-metal isotopes in the Three Gorges Reservoir region, China. <i>Environmental Pollution</i> , 2018, 240, 582-589.	3.7	21
274	Lead and zinc concentrations in household dust and toenails of the residents (Estarreja, Portugal): a source-pathway-fate model. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1210-1224.	1.7	18
275	Contamination, potential mobility, and origins of lead in sediment cores from the Shima River, south China. <i>Environmental Pollution</i> , 2018, 242, 1128-1136.	3.7	15

#	ARTICLE	IF	CITATIONS
276	Temporal evolution of lead isotope ratios and metal concentrations in sediments of the north Aegean Sea, in Turkish coast. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 825-840.	0.7	1
277	Maternal lead exposure and premature rupture of membranes: a birth cohort study in China. <i>BMJ Open</i> , 2018, 8, e021565.	0.8	28
278	Effects of Pb Smelting on the Soil Bacterial Community near a Secondary Lead Plant. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1030.	1.2	25
279	Estimating the Possibility of Surface Soil Pollution with Atmospheric Lead Deposits Using the ADMER Model. <i>Sustainability</i> , 2018, 10, 720.	1.6	6
280	Urban street dust bound 24 potentially toxic metal/metalloids (PTMs) from Xining valley-city, NW China: Spatial occurrences, sources and health risks. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 474-487.	2.9	26
281	Tracing of heavy metal sources and mobility in a soil depth profile via isotopic variation of Pb and Sr. <i>Catena</i> , 2018, 171, 440-449.	2.2	34
282	Identification of anthropogenic inputs of trace metals in lake sediments using geochemical baseline and Pb isotopic composition. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 226-233.	2.9	19
283	Accumulation of arsenic, mercury and heavy metals in lacustrine sediment in relation to eutrophication: Impacts of sources and climate change. <i>Ecological Indicators</i> , 2018, 93, 771-780.	2.6	47
284	Interrogating pollution sources in a mangrove food web using multiple stable isotopes. <i>Science of the Total Environment</i> , 2018, 640-641, 501-511.	3.9	41
285	Honeybees as sentinels of lead pollution: Spatio-temporal variations and source appointment using stable isotopes and Kohonen self-organizing maps. <i>Science of the Total Environment</i> , 2018, 642, 56-62.	3.9	27
286	Concentration and isotopic composition of dissolved Pb in surface waters of the modern global ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 41-54.	1.6	16
287	Study of Bioaccumulation, Hematological Parameters, and Antioxidant Responses of <i>Carassius auratus gibelio</i> Exposed to Dietary Lead and <i>Bacillus subtilis</i> . <i>Biological Trace Element Research</i> , 2019, 189, 233-240.	1.9	9
288	Effect of adding <i>Dunaliella</i> algae to fish diet on lead acetate toxicity and gene expression in the liver of Nile tilapia. <i>Toxin Reviews</i> , 2021, 40, 1155-1171.	1.5	21
289	Anthropogenic lead in Amazonian wildlife. <i>Nature Sustainability</i> , 2019, 2, 702-709.	11.5	18
290	Assessment of trace elements concentration in road dust around the city of Kuala Lumpur. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 572, 012116.	0.3	3
291	Historical variation of black carbon and PAHs over the last ~200 years in central North China: Evidence from lake sediment records. <i>Science of the Total Environment</i> , 2019, 690, 891-899.	3.9	35
292	Novel insights into Pb source apportionment in sediments from two cascade reservoirs, North China. <i>Science of the Total Environment</i> , 2019, 689, 1030-1036.	3.9	9
293	Desorption of calcium-rich crayfish shell biochar for the removal of lead from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 417-423.	5.0	41

#	ARTICLE	IF	CITATIONS
294	Study on the activation mechanism of lead ions in wolframite flotation using benzyl hydroxamic acid as the collector. <i>Minerals Engineering</i> , 2019, 141, 105859.	1.8	41
295	Glycolysis Is Required for LPS-Induced Activation and Adhesion of Human CD14+CD16a ⁺ Monocytes. <i>Frontiers in Immunology</i> , 2019, 10, 2054.	2.2	45
296	Phytotoxicity assays with hydroxyapatite nanoparticles lead the way to recover firing range soils. <i>Science of the Total Environment</i> , 2019, 690, 1151-1161.	3.9	18
297	Profiles, source identification and health risks of potentially toxic metals in pyrotechnic-related road dust during Chinese New Year. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109604.	2.9	24
298	Quantitative identification of anthropogenic trace metal sources in surface river sediments from a hilly agricultural watershed, East China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32266-32275.	2.7	15
299	Traffic-related lead pollution in roadside soils and plants in Khyber Pakhtunkhwa, Pakistan: implications for human health. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 8015-8022.	1.8	22
300	Lead contamination in Chinese surface soils: Source identification, spatial-temporal distribution and associated health risks. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1386-1423.	6.6	96
301	A novel magnetic biochar/MgFe-layered double hydroxides composite removing Pb ²⁺ from aqueous solution: Isotherms, kinetics and thermodynamics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 567, 278-287.	2.3	131
302	History metal (Pb, Zn, and Cu) deposition and Pb isotope variability in multiple peatland sites in the northern Great Hinggan Mountains, Northeast China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21784-21796.	2.7	6
303	Evidence for the onset of mining activities during the 13th century in Poland using lead isotopes from lake sediment cores. <i>Science of the Total Environment</i> , 2019, 683, 589-599.	3.9	4
304	Source apportionment of Pb in a rice-soil system using field monitoring and isotope composition analysis. <i>Journal of Geochemical Exploration</i> , 2019, 204, 83-89.	1.5	34
305	Risky bismuth: Distinguishing between lead contamination sources in soils. <i>Chemosphere</i> , 2019, 234, 297-301.	4.2	5
306	Role of phosphorous mining in mobilization and bioaccessibility of heavy metals in soil-plant system: Abbottabad, Pakistan. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	3
307	Using lead isotopes and potentially toxic elements to trace pollutant sources in the northern region of Guanabara Bay, southeastern Brazil. <i>Marine Pollution Bulletin</i> , 2019, 144, 216-223.	2.3	12
308	Characteristics of the main primary source profiles of particulate matter across China from 1987 to 2017. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3223-3243.	1.9	76
309	Economic resilience of Carthage during the Punic Wars: Insights from sediments of the Medjerda delta around Utica (Tunisia). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9764-9769.	3.3	8
310	Spatial variation and ecological risk assessment of heavy metals in mangrove sediments across China. <i>Marine Pollution Bulletin</i> , 2019, 143, 115-124.	2.3	61
311	Chemical and isotopic fractionation of lead in the surface soils of Egypt. <i>Applied Geochemistry</i> , 2019, 106, 7-16.	1.4	13

#	ARTICLE	IF	CITATIONS
312	Deposition of long-range transported particulate matter on the needle surfaces of Japanese cypress (<i>Chamaecyparis obtusa</i>) grown in Nagasaki located in the western region of Japan. <i>J Agricultural Meteorology</i> , 2019, 75, 30-38.	0.8	4
313	Biomonitoring trace element contamination impacted by atmospheric deposition in China's remote mountains. <i>Atmospheric Research</i> , 2019, 224, 30-41.	1.8	19
314	Using Pb isotope ratios of particulate matter and epiphytic lichens from the Athabasca Oil Sands Region in Alberta, Canada to quantify local, regional, and global Pb source contributions. <i>Science of the Total Environment</i> , 2019, 654, 1293-1304.	3.9	25
315	Honey as a biomonitor for a changing world. <i>Nature Sustainability</i> , 2019, 2, 223-232.	11.5	58
316	Biochemical changes of polysaccharides and proteins within EPS under Pb(II) stress in <i>Rhodotorula mucilaginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 484-490.	2.9	74
317	Toxic effects of lead exposure on bioaccumulation, oxidative stress, neurotoxicity, and immune responses in fish: A review. <i>Environmental Toxicology and Pharmacology</i> , 2019, 68, 101-108.	2.0	253
318	Single-walled Carbon Nanotubes and Pbzyme for the Determination of Pb ²⁺ . <i>Electroanalysis</i> , 2019, 31, 1174-1181.	1.5	12
319	Source, Spatial Distribution and Pollution Assessment of Pb, Zn, Cu, and Pb Isotopes in urban soils of Ahvaz City, a semi-arid metropolis in southwest Iran. <i>Scientific Reports</i> , 2019, 9, 5349.	1.6	59
320	Characterization of lead-containing atmospheric particles in a typical basin city of China: Seasonal variations, potential source areas, and responses to fireworks. <i>Science of the Total Environment</i> , 2019, 661, 354-363.	3.9	28
321	Decreased erythrocyte CD44 and CD58 expression link e-waste Pb toxicity to changes in erythrocyte immunity in preschool children. <i>Science of the Total Environment</i> , 2019, 664, 690-697.	3.9	30
322	Lead Pollution and Isotope Tracing of Surface Sediments in the Huainan Panji Coal Mining Subsidence Area, Anhui, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 10-15.	1.3	7
323	Historical reconstruction of anthropogenic lead pollution in Lake Yangzong, Yunnan province, southwest China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 384, 012006.	0.2	1
324	A New Analytic Model to Identify Lead Pollution Sources in Soil Based on Lead Fingerprint. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5059.	1.2	0
325	Risk Assessment and Implications of Schoolchildren Exposure to Classroom Heavy Metals Particles in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5017.	1.2	15
326	Ecological and human health risk assessment of toxic metals in street dusts and surface soils in Ahvaz, Iran. <i>Environmental Geochemistry and Health</i> , 2019, 41, 875-891.	1.8	91
327	X-ray fluorescence scanning of discrete samples – An economical perspective. <i>Quaternary International</i> , 2019, 514, 68-75.	0.7	6
328	Spatial variation of heavy metal contamination in the riparian sediments after two-year flow regulation in the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2019, 649, 1004-1016.	3.9	104
329	Distribution and pollution assessment of heavy metals in the intertidal zone environments of typical sea areas in China. <i>Marine Pollution Bulletin</i> , 2019, 138, 397-406.	2.3	42

#	ARTICLE	IF	CITATIONS
330	The mobility of thallium in sediments and source apportionment by lead isotopes. <i>Chemosphere</i> , 2019, 219, 864-874.	4.2	56
331	One-century sediment records of heavy metal pollution on the southeast Mongolian Plateau: Implications for air pollution trend in China. <i>Chemosphere</i> , 2019, 220, 539-545.	4.2	32
332	Source apportionment of metal elements in PM _{2.5} in a coastal city in Southeast China: Combined Pb-Sr-Nd isotopes with PMF method. <i>Atmospheric Environment</i> , 2019, 198, 302-312.	1.9	38
333	Zinc, copper, cadmium, and lead levels in cattle tissues in relation to different metal levels in ground water and soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 559-569.	2.7	15
334	Spatial distributions and sources of heavy metals in sediments of the Changjiang Estuary and its adjacent coastal areas based on mercury, lead and strontium isotopic compositions. <i>Catena</i> , 2019, 174, 154-163.	2.2	21
335	A nanocomposite consisting of porous graphitic carbon nitride nanosheets and oxidized multiwalled carbon nanotubes for simultaneous stripping voltammetric determination of cadmium(II), mercury(II), lead(II) and zinc(II). <i>Mikrochimica Acta</i> , 2019, 186, 69.	2.5	62
336	Lead isotopic fingerprinting as a tracer to identify the pollution sources of heavy metals in the southeastern zone of Baiyin, China. <i>Science of the Total Environment</i> , 2019, 660, 348-357.	3.9	52
337	Centennial records of cadmium and lead in NE China lake sediments. <i>Science of the Total Environment</i> , 2019, 657, 548-557.	3.9	21
338	Assessment of Zn pollution sources and apportionment in agricultural soils impacted by a Zn smelter in South Korea. <i>Journal of Hazardous Materials</i> , 2019, 364, 475-487.	6.5	72
339	PM _{2.5} concentration and composition in the urban air of Nanjing, China: Effects of emission control measures applied during the 2014 Youth Olympic Games. <i>Science of the Total Environment</i> , 2019, 652, 1-18.	3.9	26
340	Lead speciation of PM _{2.5} collected from Greater Cairo, Egypt and Zarqa, Jordan: An energy dispersive X-ray fluorescence and X-ray absorption near edge structure study. <i>X-Ray Spectrometry</i> , 2019, 48, 38-45.	0.9	9
341	Source identification of arsenic contamination in agricultural soils surrounding a closed Cu smelter, South Korea. <i>Chemosphere</i> , 2019, 217, 183-194.	4.2	36
342	Selenium and zinc protections against metal-(loids)-induced toxicity and disease manifestations: A review. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 146-163.	2.9	114
343	Source Identification of Trace Elements in Peri-urban Soils in Eastern China. <i>Exposure and Health</i> , 2019, 11, 195-207.	2.8	19
344	Evaluation of heavy metal contamination in soil using geochemical indexing approaches and chemometric techniques. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 7467-7486.	1.8	24
345	Occurrence and contamination of heavy metals in urban mangroves: A case study in Shenzhen, China. <i>Chemosphere</i> , 2019, 219, 165-173.	4.2	40
346	Identification of anthropogenic contributions to heavy metals in wetland soils of the Karuola Glacier in the Qinghai-Tibetan Plateau. <i>Ecological Indicators</i> , 2019, 98, 678-685.	2.6	29
347	Survey of atmospheric heavy metal deposition in Suqian using moss contamination. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 1795-1809.	1.7	7

#	ARTICLE	IF	CITATIONS
348	Assessment of Pb contamination of soils, sediments and road dusts of the City of Lagos, Nigeria. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1095-1107.	1.8	10
349	Lead isotopes combined with geochemical and mineralogical analyses for source identification of arsenic in agricultural soils surrounding a zinc smelter. <i>Journal of Hazardous Materials</i> , 2020, 382, 121044.	6.5	24
350	Lead in Plants and the Environment. <i>Radionuclides and Heavy Metals in Environment</i> , 2020, , .	0.5	11
351	Potential of lead elemental and isotopic signatures for authenticity and geographical origin of Bordeaux wines. <i>Food Chemistry</i> , 2020, 303, 125277.	4.2	24
352	Highly-efficient Pb ²⁺ removal from water by novel K ₂ W ₄ O ₁₃ nanowires: Performance, mechanisms and DFT calculation. <i>Chemical Engineering Journal</i> , 2020, 381, 122632.	6.6	26
353	Characteristics and health effect of heavy metals on non-exhaust road dusts in Kuala Lumpur. <i>Science of the Total Environment</i> , 2020, 703, 135535.	3.9	61
354	Speciation, risks and isotope-based source apportionment of trace elements in soils of the northeastern Qinghai-Tibet Plateau. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2020, 20, 315-322.	0.5	9
355	Heavy metal and Pb isotopic compositions of soil and maize from a major agricultural area in Northeast China: Contamination assessment and source apportionment. <i>Journal of Geochemical Exploration</i> , 2020, 208, 106403.	1.5	66
356	Lead contamination from gold mining in Yellowknife Bay (Northwest Territories), reconstructed using stable lead isotopes. <i>Environmental Pollution</i> , 2020, 259, 113888.	3.7	24
357	Assessment of trace metal pollution in roof dusts and soils near a large Zn smelter. <i>Science of the Total Environment</i> , 2020, 713, 136536.	3.9	46
358	Assessing lead sources in fishes of the northeast Pacific Ocean. <i>Anthropocene</i> , 2020, 29, 100234.	1.6	10
359	Characterizing pollution indices and children health risk assessment of potentially toxic metal(oid)s in school dust of Lahore, Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110059.	2.9	70
360	Seasonal disparities in airborne lead (Pb) and associated foliar uptake by ryegrass (<i>Lolium perenne</i> L.): A Pb isotopic approach. <i>Science of the Total Environment</i> , 2020, 708, 134734.	3.9	8
361	Thallium contamination, health risk assessment and source apportionment in common vegetables. <i>Science of the Total Environment</i> , 2020, 703, 135547.	3.9	73
362	Contamination, morphological status and sources of atmospheric dust in different land-using areas of a steel-industry city, China. <i>Atmospheric Pollution Research</i> , 2020, 11, 283-289.	1.8	19
363	A comprehensive review of biogeochemical distribution and fractionation of lead isotopes for source tracing in distinct interactive environmental compartments. <i>Science of the Total Environment</i> , 2020, 719, 135658.	3.9	35
364	Characterising the levels and sources of the historical metal contamination in the atmosphere of Montreal (Canada) from 1973 to 2013 by coupling chemistry and Lead and Osmium isotope ratios. <i>Atmospheric Research</i> , 2020, 235, 104794.	1.8	5
365	Health risks of metal(loid)s in maize (<i>Zea mays</i> L.) in an artisanal zinc smelting zone and source fingerprinting by lead isotope. <i>Science of the Total Environment</i> , 2020, 742, 140321.	3.9	39

#	ARTICLE	IF	CITATIONS
366	Identifying the sources of air pollution in an urban-industrial setting by lichen biomonitoring - A multi-tracer approach. <i>Applied Geochemistry</i> , 2020, 121, 104695.	1.4	20
367	Using Zn isotopes to trace Zn sources and migration pathways in paddy soils around mining area. <i>Environmental Pollution</i> , 2020, 267, 115616.	3.7	28
368	Transcriptome analysis reveals the mechanism of common carp brain injury after exposure to lead. <i>Science of the Total Environment</i> , 2020, 743, 140796.	3.9	13
369	Machine learning-based source identification and spatial prediction of heavy metals in soil in a rapid urbanization area, eastern China. <i>Journal of Cleaner Production</i> , 2020, 273, 122858.	4.6	62
370	Status, source, human health risk assessment of potential toxic elements (PTEs), and Pb isotope characteristics in urban surface soil, case study: Arak city, Iran. <i>Environmental Geochemistry and Health</i> , 2020, 43, 4939-4958.	1.8	13
371	Acute exposure to environmentally relevant lead levels induces oxidative stress and neurobehavioral alterations in larval zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2020, 227, 105607.	1.9	21
372	Contribution of Asian dust to soils in Southeast China estimated with Nd and Pb isotopic compositions. <i>Acta Geochimica</i> , 2020, 39, 911-919.	0.7	0
373	Geochemistry, risk assessment, and Pb isotopic evidence for sources of heavy metals in stream sediments around the UlukÄ±ÄŸla Basin, NiÄŸde, southern Turkey. <i>Turkish Journal of Earth Sciences</i> , 2020, 29, 1167-1188.	0.4	16
374	Lead isotopic ratios in the Arctic environment. <i>Environmental Chemistry</i> , 2020, 17, 213.	0.7	8
375	Spatio-temporal variation of air pollutants around the coal mining areas of Jharia Coalfield, India. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 405.	1.3	25
376	A Sensitive Impedimetric Sensor Based on Biosourced Polyphosphine Films for the Detection of Lead Ions. <i>Chemosensors</i> , 2020, 8, 34.	1.8	9
377	Source and pathway determination of mine seepages using sulfate and Pb isotopes at the Daema and Okdong mines, South Korea. <i>Applied Geochemistry</i> , 2020, 118, 104642.	1.4	9
378	Spatiotemporal trends of atmospheric Pb over the last century across inland China. <i>Science of the Total Environment</i> , 2020, 729, 138399.	3.9	19
379	Potentially toxic elements (PTEs) in fillet tissue of common carp (<i>Cyprinus carpio</i>): a systematic review, meta-analysis and risk assessment study. <i>Toxin Reviews</i> , 2021, 40, 1505-1517.	1.5	17
380	Application of Pb(II) to probe the physiological responses of fungal intracellular vesicles. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110441.	2.9	18
381	A highly selective and sensitive half-salamo-based fluorescent chemosensor for sequential detection of Pb(II) ion and Cys. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112719.	2.0	68
382	Lead source and bioaccessibility in windowsill dusts within a Pb smelting-affected area. <i>Environmental Pollution</i> , 2020, 266, 115110.	3.7	20
383	Chitosan from crustacean shell waste and its protective role against lead toxicity in <i>Oreochromis mossambicus</i> . <i>Toxicology Reports</i> , 2020, 7, 296-303.	1.6	12

#	ARTICLE	IF	CITATIONS
384	Surface topography, mineralogy, and Pb isotope survey of wheel weights and solder: Source of metal contaminants of roadways and water systems. <i>Journal of Geochemical Exploration</i> , 2020, 212, 106493.	1.5	13
385	Distinguishing between Natural and Industrial Lead in Consumer Products and Other Environmental Matrices. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12810-12819.	2.4	4
386	Lead Isotopes Combined with Geochemical Baseline in Sediments: A Novel Tool to Trace Anthropogenic Pb Sources. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1112.	1.2	3
387	Assessment of Geogenic and Anthropogenic Pollution Sources Using an Aquatic Plant Along the Sonora River Basin: Insights from Elemental Concentrations and Pb Isotope Signatures. <i>Natural Resources Research</i> , 2020, 29, 2773-2786.	2.2	2
388	Bioaccessibility and health risk assessment of Pb and Cd in urban dust in Hangzhou, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11760-11771.	2.7	11
389	Magnetic mineral constraint on lead isotope variations of coal fly ash and its implications for source discrimination. <i>Science of the Total Environment</i> , 2020, 713, 136320.	3.9	12
390	Quantitative source apportionment of heavy metal(loid)s in the agricultural soils of an industrializing region and associated model uncertainty. <i>Journal of Hazardous Materials</i> , 2020, 391, 122244.	6.5	119
391	Remarkably high Pb ²⁺ binding capacity of a novel, regenerable bioremediator <i>Papiliotrema laurentii</i> RY1: Functional in both alkaline and neutral environments. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110439.	2.9	4
392	Metal(loid) and isotopic tracing of Pb in soils, road and house dusts from the industrial area of Volos (central Greece). <i>Science of the Total Environment</i> , 2020, 725, 138300.	3.9	48
393	A new inverse distance model to calculate the percentage contribution of various Pb sources. <i>Environmental Research</i> , 2020, 185, 109475.	3.7	4
394	Acute toxic effects of lead (Pb ²⁺) exposure to rare minnow (<i>Gobiocypris rarus</i>) revealed by histopathological examination and transcriptome analysis. <i>Environmental Toxicology and Pharmacology</i> , 2020, 78, 103385.	2.0	20
395	Fe ₃ O ₄ @PDA@MnO ₂ core-shell nanocomposites for sensitive electrochemical detection of trace Pb(II) in water. <i>Journal of Electroanalytical Chemistry</i> , 2020, 864, 114065.	1.9	41
396	Pollution status and human health risk assessments of selected heavy metals in urban dust of 16 cities in Iran. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23094-23107.	2.7	46
397	Effects of heating activities in winter on characteristics of PM _{2.5} -bound Pb, Cd and lead isotopes in cities of China. <i>Journal of Cleaner Production</i> , 2020, 265, 121826.	4.6	21
398	Altitudinal-modulated sediment inputs rather than the land-uses determine the distribution of lead in the riparian soils of the Three Gorges Reservoir. <i>Environmental Geochemistry and Health</i> , 2021, 43, 1123-1136.	1.8	2
399	<i>Trichoderma viride</i> involvement in the sorption of Pb(II) on muscovite, biotite and phlogopite: Batch and spectroscopic studies. <i>Journal of Hazardous Materials</i> , 2021, 401, 123249.	6.5	15
400	Suggested key variables for assessment of soil quality in urban roadside tree systems. <i>Journal of Soils and Sediments</i> , 2021, 21, 2130-2140.	1.5	6
401	Insights into leaded gasoline registered in mud depocenters derived from multivariate statistical tool: southeastern Brazilian coast. <i>Environmental Geochemistry and Health</i> , 2021, 43, 47-63.	1.8	5

#	ARTICLE	IF	CITATIONS
402	Heavy metal contamination prediction using ensemble model: Case study of Bay sedimentation, Australia. <i>Journal of Hazardous Materials</i> , 2021, 403, 123492.	6.5	68
403	Lead exposure activates the Nrf2/Keap1 pathway, aggravates oxidative stress, and induces reproductive damage in female mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111231.	2.9	45
404	Lead isotopes in the Central Yellow Sea Mud: Evidence of atmospheric deposition and its implication for regional energy consumption shift. <i>Environmental Pollution</i> , 2021, 268, 115702.	3.7	5
405	Exploring the fate of heavy metals from mining and smelting activities in soil-crop system in Baiyin, NW China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111234.	2.9	44
406	Saikosaponin a attenuates lead-induced kidney injury through activating Nrf2 signaling pathway. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108945.	1.3	10
407	Arbuscular mycorrhizal fungi promote lead immobilization by increasing the polysaccharide content within pectin and inducing cell wall peroxidase activity. <i>Chemosphere</i> , 2021, 267, 128924.	4.2	18
408	Possible application of stable isotope compositions for the identification of metal sources in soil. <i>Journal of Hazardous Materials</i> , 2021, 407, 124812.	6.5	69
409	Potassium phosphate/magnesium oxide modified biochars: Interfacial chemical behaviours and Pb binding performance. <i>Science of the Total Environment</i> , 2021, 759, 143452.	3.9	28
410	Recent Advances in Nanocomposite Luminescent Metal-Organic Framework Sensors for Detecting Metal Ions. <i>Comments on Inorganic Chemistry</i> , 2021, 41, 1-66.	3.0	33
411	Exposure of lead on intestinal structural integrity and the diversity of gut microbiota of common carp. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108877.	1.3	38
412	Lead isotope ratios in moss for the assessment of transboundary pollutants in the Yatsugatake Mountains, central Japan. <i>Ecological Research</i> , 2021, 36, 401-408.	0.7	5
413	Removing Pb ²⁺ with a pectin-rich fiber from sisal waste. <i>Food and Function</i> , 2021, 12, 2418-2427.	2.1	7
414	Source and spatial distribution of airborne heavy metal deposition studied using mosses as biomonitors in Yancheng, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30758-30773.	2.7	5
415	PM2.5-bound trace elements in a critically polluted industrial coal belt of India: seasonal patterns, source identification, and human health risk assessment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32634-32647.	2.7	12
416	Source apportionment of heavy metals in sediments of the urban rivers flowing into Haizhou Bay, Eastern China: using multivariate statistical analyses and Pb-Sr isotope fingerprints. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36354-36366.	2.7	12
417	Evidence for increasing anthropogenic Pb concentrations in Indian shelf sediments during the last century. <i>Science of the Total Environment</i> , 2021, 760, 143833.	3.9	13
418	Source Identification of Cd and Pb in Typical Farmland Topsoil in the Southwest of China: A Case Study. <i>Sustainability</i> , 2021, 13, 3729.	1.6	13
419	Controlling Factors and Prediction of Lead Uptake and Accumulation in Various Soil-Pepper Systems. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1443-1451.	2.2	8

#	ARTICLE	IF	CITATIONS
420	A carbazole-grafted covalent organic framework as turn-on fluorescence chemosensor for recognition and detection of Pb ²⁺ ions with high selectivity and sensitivity. <i>Journal of Materials Science</i> , 2021, 56, 11789-11800.	1.7	25
421	Identification and quantification of lead source in sediment in the northern East China Sea using stable lead isotopes. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1887-1900.	0.6	8
422	Tracing local sources and long-range transport of PM ₁₀ in central Taiwan by using chemical characteristics and Pb isotope ratios. <i>Scientific Reports</i> , 2021, 11, 7593.	1.6	16
423	Improving Source Apportionment of Urban Aerosol Using Multi-Isotopic Fingerprints (MIF) and Positive Matrix Factorization (PMF): Cross-Validation and New Insights. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	9
424	Regional and global perspectives of honey as a record of lead in the environment. <i>Environmental Research</i> , 2021, 195, 110800.	3.7	8
425	Lead contamination and isotopic composition of the bulk and 2.5-4m fraction of soils in Xuzhou, China. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	2
426	Preparation of pectin/poly(m-phenylenediamine) microsphere and its application for Pb ²⁺ removal. <i>Carbohydrate Polymers</i> , 2021, 260, 117811.	5.1	33
427	Heavy metal(loid) and Pb isotope compositions of black shale weathering profiles on the northern Yangtze Platform: insights into geochemical behavior, contamination assessment, and source apportionment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50230-50244.	2.7	3
428	Translating Analytical Techniques in Geochemistry to Environmental Health. <i>Molecules</i> , 2021, 26, 2821.	1.7	3
429	Source Apportionment of Heavy Metal Pollution in Agricultural Soils around the Poyang Lake Region Using UNMIX Model. <i>Sustainability</i> , 2021, 13, 5272.	1.6	13
430	Assessment of Lead (Pb) Leakage From Abandoned Mine Tailing Ponds to Klity Creek, Kanchanaburi Province, Thailand. <i>GeoHealth</i> , 2021, 5, e2020GH000252.	1.9	5
431	Caution in using two end-member Pb isotope pollution source apportionment models. <i>Environment International</i> , 2021, 150, 106421.	4.8	2
432	Insight into the Metabolic Profiles of Pb(II) Removing Microorganisms. <i>Molecules</i> , 2021, 26, 4008.	1.7	2
433	Quantitative source apportionment of heavy metals in cultivated soil and associated model uncertainty. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112150.	2.9	42
434	Uptake of Pb(II) onto microplastic-associated biofilms in freshwater: Adsorption and combined toxicity in comparison to natural solid substrates. <i>Journal of Hazardous Materials</i> , 2021, 411, 125115.	6.5	92
435	Potential mechanism of lead poisoning to the growth and development of ovarian follicle. <i>Toxicology</i> , 2021, 457, 152810.	2.0	9
436	A cross scale investigation of galena oxidation and controls on mobilization of lead in mine waste rock. <i>Journal of Hazardous Materials</i> , 2021, 412, 125130.	6.5	19
437	Blood lead levels of Chinese children from 1991 to 2020: Based on Monte Carlo simulation. <i>Environmental Pollution</i> , 2021, 278, 116823.	3.7	16

#	ARTICLE	IF	CITATIONS
438	A Significant Role of Tb ₂ O ₃ on the Optical Properties and Radiation Shielding Performance of Ga ₂ O ₃ -B ₂ O ₃ -Al ₂ O ₃ -GeO ₂ Glasses. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 4300-4312.	1.9	8
439	Source apportionment based on the comparative approach of two receptor models in a large-scale region in China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 56696-56710.	2.7	7
440	Source apportionment of heavy metals in sediments and soils in an interconnected river-soil system based on a composite fingerprint screening approach. <i>Journal of Hazardous Materials</i> , 2021, 411, 125125.	6.5	46
441	Indus river estuary: an assessment of potential risk of contaminants and ecosystem susceptibility. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	4
442	Spatial patterns of Zn, Cd, and Pb isotopic compositions of ground and surface water in mine areas of South Korea reflecting isotopic fractionation during metal attenuation. <i>Science of the Total Environment</i> , 2021, 779, 146453.	3.9	8
443	Assessing risk to human health for heavy metal contamination from public point utility through ground dust: a case study in Nantong, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67234-67247.	2.7	4
444	Human health risk assessment in PM ₁₀ -bound trace elements, seasonal patterns, and source apportionment study in a critically polluted coking coalfield area of India. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 469-478.	1.6	4
445	Evaluation of factors influencing surface water quality in a coalfield area of Damodar valley, India: a sustainable uses. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-23.	1.8	1
446	Atmospheric lead pollution in a typical megacity: Evidence from lead isotopes. <i>Science of the Total Environment</i> , 2021, 778, 145810.	3.9	23
447	Geochemistry and Pb isotopic proof for sources of heavy metal(loid)s in Late Cretaceous sandstones from Eastern Pontides (NE Turkey). <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	6
448	Recent pollution and source identification of metal(loid)s in a sediment core from Gunsan Reservoir, South Korea. <i>Journal of Hazardous Materials</i> , 2021, 416, 126204.	6.5	15
449	Detecting Pb ²⁺ by a "turn-on" fluorescence sensor based on DNA functionalized magnetic nanocomposites. <i>Nanotechnology</i> , 2022, 33, 075603.	1.3	5
450	Research trends and frontiers on source appointment of soil heavy metal: a scientometric review (2000-2020). <i>Environmental Science and Pollution Research</i> , 2021, 28, 52764-52779.	2.7	9
451	Bioaccessibility and public health risk of heavy Metal(loid)s in the airborne particulate matter of four cities in northern China. <i>Chemosphere</i> , 2021, 277, 130312.	4.2	30
452	Polarizability, metallization criterion, and radiation attenuation performance of pure and Ag-doped poly (vinyl alcohol) polymers for advanced shielding applications. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	10
453	The Carcinogenic and Non-Carcinogenic Health Risks of Metal(oid)s Bioaccumulation in Leafy Vegetables: A Consumption Advisory. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	25
454	Comprehensive screen the lead and other toxic metals in total environment from a coal-gas industrial city (NW, China): Based on integrated source-specific risks and site-specific blood lead levels of 0-6 aged children. <i>Chemosphere</i> , 2021, 278, 130416.	4.2	7
455	Lead Isotope Evidence for Enhanced Anthropogenic Particle Transport to the Himalayas during Summer Months. <i>Environmental Science & Technology</i> , 2021, 55, 13697-13708.	4.6	12

#	ARTICLE	IF	CITATIONS
456	The modulatory potential of herbal antioxidants against oxidative stress and heavy metal pollution: plants against environmental oxidative stress. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61908-61918.	2.7	31
457	Terrain-modulated deposition of atmospheric lead in the soils of alpine forest, central China. <i>Science of the Total Environment</i> , 2021, 790, 148106.	3.9	6
458	Further reuse of phosphorus-laden biochar for lead sorption from aqueous solution: Isotherm, kinetics, and mechanism. <i>Science of the Total Environment</i> , 2021, 792, 148550.	3.9	18
459	Bioluminescent enzyme inhibition-based assay for the prediction of toxicity of pollutants in urban soils. <i>Environmental Technology and Innovation</i> , 2021, 24, 101842.	3.0	10
460	Spatial and temporal distribution of toxic compounds in sediments and potential ecological effects on macrobenthic faunal species in Hangzhou Bay from 2003 to 2015. <i>Marine Pollution Bulletin</i> , 2021, 172, 112816.	2.3	6
461	Identifying the provenance of bottom sediments in the Three Gorges Reservoir using stable Pb isotopes. <i>Catena</i> , 2021, 207, 105656.	2.2	2
462	Biomining of lead in wastewater: Bacterial reutilization and metal recovery. <i>Journal of Hazardous Materials</i> , 2022, 421, 126765.	6.5	22
463	Bioimaging of Pb by LA-ICP-MS and Pb isotopic compositions reveal distributions and origins of Pb in wheat grain. <i>Science of the Total Environment</i> , 2022, 802, 149729.	3.9	11
464	Children's exposure to environmental lead: A review of potential sources, blood levels, and methods used to reduce exposure. <i>Environmental Research</i> , 2022, 204, 112025.	3.7	24
465	Geopolymer cement-modified carbon paste electrode: application to electroanalysis of traces of lead(II) ions in aqueous solution. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1183-1195.	1.2	10
466	Mechanisms Involved in Photosynthetic Apparatus Protection Against Lead Toxicity. <i>Radionuclides and Heavy Metals in Environment</i> , 2020, , 117-128.	0.5	3
467	Plants as Monitors of Lead Air Pollution. <i>Environmental Chemistry for A Sustainable World</i> , 2013, , 387-431.	0.3	4
468	Facile and Ultrasensitive Sensors Based on Electrospinning-Netting Nanofibers/Nets. <i>Nanoscience and Technology</i> , 2015, , 1-34.	1.5	4
469	Recent Agricultural Occupation and Environmental Regeneration of Salt Marshes in Northern Spain. <i>Coastal Research Library</i> , 2017, , 47-79.	0.2	1
470	Biological Fractionation of Lead Isotopes in Sprague-Dawley Rats Lead Poisoned via the Respiratory Tract. <i>PLoS ONE</i> , 2012, 7, e52462.	1.1	6
471	Spatio-temporal Variability of Heavy Metal Concentrations in Soil-rice System and Its Socio-environmental Analysis. <i>International Journal of Agriculture and Biology</i> , 2016, 18, 403-411.	0.2	18
472	Evaluation of a Multi-Isotope Approach as a Complement to Concentration Data within Environmental Forensics. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 37.	0.8	11
473	An Application of Bilevel Programming Problem in Optimal Pollution Emission Price. <i>Journal of Service Science and Management</i> , 2011, 04, 334-338.	0.4	1

#	ARTICLE	IF	CITATIONS
474	Characterization and Application of Adsorption Material with Hematite and Polystyrene. <i>Materials Sciences and Applications</i> , 2011, 02, 215-219.	0.3	1
476	Tracking lead contamination sources of sediments in Lake Andong using lead isotopes. <i>Analytical Science and Technology</i> , 2012, 25, 429-434.	0.3	5
477	Characterization of lead isotope emission profiles in non-ferrous smelters in South Korea. <i>Analytical Science and Technology</i> , 2013, 26, 333-339.	0.3	5
478	Potentially Toxic Element Contaminations and Lead Isotopic Fingerprinting in Soils and Sediments from a Historical Gold Mining Site. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10925.	1.2	7
479	Soil metal(loid)s pollution around a lead/zinc smelter and source apportionment using isotope fingerprints and receptor models. <i>Applied Geochemistry</i> , 2021, 135, 105118.	1.4	16
480	In-situ growth of zero-valent iron in FeOx/Mn3O4 to improve the surficial redox for high-efficient electrocatalysis of Pb(II). <i>Chemical Engineering Journal</i> , 2022, 430, 132959.	6.6	15
481	Biomonitoring of transboundary pollutants using moss in Japan's mountains. <i>Environmental Science and Pollution Research</i> , 2022, 29, 15018-15025.	2.7	1
482	Impact of microplastics on bioaccumulation of heavy metals in rape (<i>Brassica napus</i> L.). <i>Chemosphere</i> , 2022, 288, 132576.	4.2	66
483	Tracing and quantifying the sources of heavy metals in the upper and middle reaches of the Pearl River Basin: New insights from Sr-Nd-Pb multi-isotopic systems. <i>Chemosphere</i> , 2022, 288, 132630.	4.2	7
484	Distribution, behavior and budget of Pb in suspended particles in the Changjiang Estuary and adjacent east China sea. <i>Chemosphere</i> , 2021, 288, 132643.	4.2	3
485	Lead impaired immune function and tissue integrity in yellow catfish (<i>Peltobargus fulvidraco</i>) by mediating oxidative stress, inflammatory response and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112857.	2.9	23
486	Development and validation of an analytical method for the determination of lead isotopic composition using ICP-QMS. <i>Geofisica International</i> , 2011, 49, .	0.2	1
487	Accurate Measurement of Isotope Amount Ratios of Lead in Bronze with Multicollector Inductively Coupled Plasma Mass Spectrometry. <i>Mass Spectrometry Letters</i> , 2013, 4, 87-90.	0.5	0
488	INTERPRETAÇÃO DE DADOS ISOTÓPICOS DE Pb EM DIFERENTES AMBIENTES INVESTIGATIVOS VISANDO O DIAGNÓSTICO DE FONTES GEOGÊNICAS E/OU ANTRÓPICAS. <i>Revista Geonomos</i> , 0, , .	0.0	1
489	Radiogenic Isotopes. <i>SpringerBriefs in Earth Sciences</i> , 2015, , 89-116.	0.5	0
490	Determination of isotopic distribution of lead by a matrix assisted laser desorption/ionization versus a laser desorption/ionization time of flight mass spectrometry. <i>Hemijška Industrija</i> , 2017, 71, 19-26.	0.3	0
491	Pb Isotopic Characterization of Major Indian Gondwana Coalfields: Implications for Environmental Fingerprinting and Gondwana Reconstruction. <i>Springer Geology</i> , 2019, , 441-455.	0.2	1
492	Anthropogenic Pb contribution in soils of Southeast China estimated by Pb isotopic ratios. <i>Scientific Reports</i> , 2020, 10, 22232.	1.6	7

#	ARTICLE	IF	CITATIONS
493	Geographical drivers of geochemical and mineralogical evolution of Motianling peatland (Northeast) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Total Environment, 2022, 807, 150481.	3.9	7
494	Dietary Beta-MOSÂ® ameliorated lead induced reproductive toxicity and stress in Nile tilapia. Aquaculture, 2022, 548, 737711.	1.7	1
495	Impact of anthropogenic inputs on Pb content of moss <i>Sanionia uncinata</i> (Hedw.) Loeske in King George Island, West Antarctica revealed by Pb isotopes. <i>Geosciences Journal</i> , 2022, 26, 225-234.	0.6	4
496	A meta-analysis of potential ecological risk evaluation of heavy metals in sediments and soils. <i>Gondwana Research</i> , 2022, 103, 487-501.	3.0	44
497	Algal Biomass Valorization for the Removal of Heavy Metal Ions. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2022, , 267-302.	0.7	3
498	Lead Isotopic Fingerprinting as a Tracer to Identify the Sources of Heavy Metals in Sediments from the Four River Inlets to Dongting Lake, China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
499	Presence, sources, and risk assessment of heavy metals in the upland soils of northern China using Monte Carlo simulation. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113154.	2.9	27
500	Lead isotope ratios in urban surface deposited sediments as an indicator of urban geochemical transformation: Example of Russian cities. <i>Applied Geochemistry</i> , 2022, 137, 105184.	1.4	0
501	Ecological risk of heavy metals in lake sediments of China: A national-scale integrated analysis. <i>Journal of Cleaner Production</i> , 2022, 334, 130206.	4.6	45
502	Toxicity of Pb continuous and pulse exposure on intestinal anatomy, bacterial diversity, and metabolites of <i>Pelophylax nigromaculatus</i> in pre-hibernation. <i>Chemosphere</i> , 2022, 290, 133304.	4.2	14
503	Airborne lead: A vital factor influencing rice lead accumulation in China. <i>Journal of Hazardous Materials</i> , 2022, 427, 128169.	6.5	7
504	Stable Lead Isotopic Ratios as Indicator of Urban Geochemical Processes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 906, 012098.	0.2	0
505	Carcinogenic risk assessment, health endpoint and source identification of heavy metals in Mahshahr, Iran. <i>Toxin Reviews</i> , 2023, 42, 132-145.	1.5	4
506	Distribution and pollution risk assessment of heavy metals in the surface sediment of the intertidal zones of the Yellow River Estuary, China. <i>Marine Pollution Bulletin</i> , 2022, 174, 113286.	2.3	40
507	Evaluation of metal contamination, flux and the associated human health risk from atmospheric dustfall in metal mining areas of Southern Jharkhand, India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 30348-30362.	2.7	3
508	Kaoliniteâ€based Hybrid Material from Interlayer Grafting of 1â€(2â€hydroxyethyl)piperazine and Application to the Sensitive Voltammetric Detection of Lead. <i>Electroanalysis</i> , 0, , .	1.5	1
509	Integrated assessment of the impact of land use types on soil pollution by potentially toxic elements and the associated ecological and human health risk. <i>Environmental Pollution</i> , 2022, 299, 118911.	3.7	24
510	Effects of Sub-chronic Lead Exposure on Essential Element Levels in Mice. <i>Biological Trace Element Research</i> , 2023, 201, 282-293.	1.9	5

#	ARTICLE	IF	CITATIONS
511	Mechanisms for cation exchange at the interfaces of montmorillonite nanoparticles: Insights for Pb ²⁺ control. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128556.	2.3	10
512	Source identification, contamination status and health risk assessment of heavy metals from road dusts in Dhaka, Bangladesh. <i>Journal of Environmental Sciences</i> , 2022, 121, 159-174.	3.2	19
513	Source Apportionment of Air Particulates in South Africa: A Review. <i>Atmospheric and Climate Sciences</i> , 2019, 09, 100-113.	0.1	5
514	Assessment of Ecological-Health Risks of Heavy Metals and Their Source Apportionment in Agricultural Soils Nearby a Super-Sized Non-Ferrous Smelter with a Long Production History, in China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
515	Arbuscular Mycorrhizal Fungi Are an Influential Factor in Improving the Phytoremediation of Arsenic, Cadmium, Lead, and Chromium. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 176.	1.5	21
516	Transcriptome Analysis on Key Metabolic Pathways in <i>Rhodotorula mucilaginosa</i> Under Pb(II) Stress. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0221521.	1.4	5
517	Moss biomonitoring using lead isotope ratios requires careful attention: Evaluation of transboundary pollutants in Japan. <i>Atmospheric Environment</i> , 2022, 275, 119004.	1.9	3
518	Dam construction attenuates trace metal contamination in water through increased sedimentation in the Three Gorges Reservoir. <i>Water Research</i> , 2022, 217, 118419.	5.3	20
519	Incorporation of lead into pyromorphite: Effect of anion replacement on lead stabilization. <i>Waste Management</i> , 2022, 143, 232-241.	3.7	2
520	Geochemical baseline establishment and pollution assessment of heavy metals in the largest coastal lagoon (Pinqing Lagoon) in China mainland. <i>Marine Pollution Bulletin</i> , 2022, 177, 113459.	2.3	10
521	Metal and Pb isotope characterization of particulates encountered by foraging honeybees in Metro Vancouver. <i>Science of the Total Environment</i> , 2022, 826, 154181.	3.9	4
522	Concentrations and isotopic analysis for the sources and transfer of lead in an urban atmosphere-plant-soil system. <i>Journal of Environmental Management</i> , 2022, 311, 114771.	3.8	9
523	Isotopic evidence for bioaccumulation of aerosol lead in fish and wildlife of western Canada. <i>Environmental Pollution</i> , 2022, 302, 119074.	3.7	7
524	Historical trends in atmospheric metal(loid) contamination in North China over the past half-millennium reconstructed from subalpine lake sediment. <i>Environmental Pollution</i> , 2022, 304, 119195.	3.7	13
525	Record of heavy metals in Huguangyan Maar Lake sediments: Response to anthropogenic atmospheric pollution in Southern China. <i>Science of the Total Environment</i> , 2022, 831, 154829.	3.9	15
526	Effects of lead pollution on soil microbial community diversity and biomass and on invertase activity. <i>Soil Ecology Letters</i> , 2023, 5, 118-127.	2.4	7
527	PAAO cryogels from amidoximated P(acrylic acid-co-acrylonitrile) for the adsorption of lead ion. <i>European Polymer Journal</i> , 2022, 171, 111192.	2.6	13
528	Environmental Forensic Investigation on Soil Contamination by Using Novel Methodology: A Field Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
529	Exploring the Adsorption of Pb on Microalgae-Derived Biochar: A Versatile Material for Environmental Remediation and Electroanalytical Applications. <i>Chemosensors</i> , 2022, 10, 168.	1.8	10
530	A multitechnique approach for the identification of multiple contamination sources near a polluted industrial site. <i>Land Degradation and Development</i> , 2022, 33, 2317-2326.	1.8	2
531	Proteomics study on immobilization of Pb(II) by <i>Penicillium polonicum</i> . <i>Fungal Biology</i> , 2022, , .	1.1	2
532	Assessment and source apportionment of water-soluble heavy metals in road dust of Zhengzhou, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 68857-68869.	2.7	5
533	Spatial distribution of heavy metals and sources of soil contamination in southern Konya (Turkey): Insights from geochemistry, Pb and Sr ⁸⁷ / ₈₆ Nd isotope systematics. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	4
534	Elements and Pb isotopic composition as evidence for contaminant-metal dispersal in surficial soil and sediment of drinking water source in Beijing, China. <i>Science of the Total Environment</i> , 2022, 837, 155682.	3.9	2
535	Characterization of trace elements and Pb isotopes in PM _{2.5} and isotopic source identification during haze episodes in Seoul, Korea. <i>Atmospheric Pollution Research</i> , 2022, 13, 101442.	1.8	6
536	Lithologic controls on the mobility of Cd in mining-impacted watersheds revealed by stable Cd isotopes. <i>Water Research</i> , 2022, 220, 118619.	5.3	10
537	Response of Iron Deficiency Markers to Blood Lead Levels and Synergistic Outcomes at Prenatal Stage. <i>Dose-Response</i> , 2022, 20, 155932582211017.	0.7	3
538	Temporal and spatial biomonitoring of atmospheric heavy metal pollution using moss bags in Xichang. <i>Ecotoxicology and Environmental Safety</i> , 2022, 239, 113688.	2.9	15
539	Ecological-health risks assessment and source apportionment of heavy metals in agricultural soils around a super-sized lead-zinc smelter with a long production history, in China. <i>Environmental Pollution</i> , 2022, 307, 119487.	3.7	56
540	Quantitative Source Apportionment and Uncertainty Analysis of Heavy Metal(loid)s in the Topsoil of the Nansi Lake Nature Reserve. <i>Sustainability</i> , 2022, 14, 6679.	1.6	2
541	Seasonal variation of dissolved bioaccessibility for potentially toxic elements in size-resolved PM: Impacts of bioaccessibility on inhalable risk and uncertainty. <i>Environmental Pollution</i> , 2022, 307, 119551.	3.7	7
542	Pb-Induced Eryptosis May Provoke Thrombosis Prior to Hemolysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7008.	1.8	2
543	Bioaccessibility, source and human health risk of Pb, Cd, Cu and Zn in windowsill dusts from an area affected by long-term Pb smelting. <i>Science of the Total Environment</i> , 2022, 842, 156707.	3.9	12
544	Assessment of anthropogenic metals in shipyard sediment in the Amazon delta estuary in northern Brazil. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
545	Comparison of adsorption behavior of Pb(II) by acid ⁶⁶ -alkali and chitosan modified biochar derived from kiwifruit branch. <i>Human and Ecological Risk Assessment (HERA)</i> , 2023, 29, 410-426.	1.7	3
546	Exogenous Gamma-Aminobutyric Acid Application Induced Modulations in the Performance of Aromatic Rice Under Lead Toxicity. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	7

#	ARTICLE	IF	CITATIONS
547	Co-Effects of Hydrological Conditions and Industrial Activities on the Distribution of Heavy Metal Pollution in Taipu River, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10116.	1.2	8
548	Assessment of metal pollution and human health risks in road dust from mineral rich zone of East Singhbhum, India. <i>Environmental Geochemistry and Health</i> , 2023, 45, 2291-2308.	1.8	6
549	Nexus between potentially toxic elementsâ€™ accumulation and seasonal/anthropogenic influences on mangrove sediments and ecological risk in Sundarbans, Bangladesh: An approach from GIS, self-organizing map, conditional inference tree and random forest models. <i>Environmental Pollution</i> , 2022, 309, 119765.	3.7	2
550	Sedimentary lead isotopic signatures in relation to anthropogenic emissions in Asia: A comparative study in the Yellow Sea and Gulf of Thailand. <i>Chemical Geology</i> , 2022, 608, 121046.	1.4	3
551	Effects of hydrological connectivity project on heavy metals in Wuhan urban lakes on the time scale. <i>Science of the Total Environment</i> , 2022, 853, 158654.	3.9	9
552	Lead isotopic fingerprinting as a tracer to identify the sources of heavy metals in sediments from the Four Riversâ€™ inlets to Dongting Lake, China. <i>Catena</i> , 2022, 219, 106594.	2.2	6
553	Identifying the origin of lead poisoning in white-backed vulture (<i>Gyps africanus</i>) chicks at an important South African breeding colony: a stable lead isotope approach. <i>Environmental Science and Pollution Research</i> , 2023, 30, 15059-15069.	2.7	4
554	Spatial Distribution Characteristics and Source Appointment of Heavy Metals in Soil in the Areas Affected by Non-Ferrous Metal Slag Field in the Dry-Hot Valley. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 9475.	1.3	3
555	Provenance of Anthropogenic Pb and Atmospheric Dust to Northwestern North America. <i>Environmental Science & Technology</i> , 2022, 56, 13107-13118.	4.6	8
556	A Practical Procedure for Analysis of Lead Isotopes in Bivalve Shells Using Laser Ablation Multicollector Inductively Coupled Plasma Mass Spectrometry (LA-MC-ICP-MS). <i>Applied Spectroscopy</i> , 0, , 000370282211204.	1.2	0
558	Source apportionment of soil heavy metals: A new quantitative framework coupling receptor model and stable isotopic ratios. <i>Environmental Pollution</i> , 2022, 314, 120291.	3.7	9
560	Anthropogenic impacts on the temporal variation of heavy metals in Daya Bay (South China). <i>Marine Pollution Bulletin</i> , 2022, 185, 114209.	2.3	9
561	Recent progresses, challenges, and opportunities of carbon-based materials applied in heavy metal polluted soil remediation. <i>Science of the Total Environment</i> , 2023, 856, 158810.	3.9	36
562	Geochemical accumulation and source tracing of heavy metals in arable soils from a black shale catchment, southwestern China. <i>Science of the Total Environment</i> , 2023, 857, 159467.	3.9	5
563	Spatial and seasonal variations in the carbon and lead isotopes of PM2.5 in air of residential buildings and their applications for source identification. <i>Environmental Pollution</i> , 2023, 316, 120654.	3.7	4
564	Preparation of Gold Nanoparticles/Polydopamine Composite for Heavy Metal Ion Detection. <i>Journal of Cluster Science</i> , 0, , .	1.7	0
565	An integrated approach for the phycoremediation of Pb(II) and the production of biofertilizer using nitrogen-fixing cyanobacteria. <i>Journal of Hazardous Materials</i> , 2023, 445, 130448.	6.5	5
566	What happens to gut microorganisms and potential repair mechanisms when meet heavy metal(loid)s. <i>Environmental Pollution</i> , 2023, 317, 120780.	3.7	7

#	ARTICLE	IF	CITATIONS
567	Enrichment, contamination, ecological and health risks of toxic metals in agricultural soils of an industrial city, northwestern China. , 2023, 3, 100043.		13
568	Determining the geochemical fingerprint of the lead fallout from the Notre-Dame de Paris fire: Lessons for a better discrimination of chemical signatures. Science of the Total Environment, 2023, 864, 160676.	3.9	3
569	Air Pollution Tolerance Index and Heavy Metals Accumulation of Tree Species for Sustainable Environmental Management in Megacity of Lahore. , 2023, 1, 55-68.		2
570	Distribution characteristics and risk assessment of heavy metals in seawater, sediment and shellfish in the inner and outer Daya Bay, Guangdong. Frontiers in Marine Science, 0, 9, .	1.2	3
571	Multiple evaluations, risk assessment, and source identification of heavy metals in surface water and sediment of the Golmud River, northeastern Qinghai-Tibet Plateau, China. Frontiers in Environmental Science, 0, 10, .	1.5	3
572	Pollution characteristics and human health risk of potentially toxic elements associated with deposited dust of sporting walkways during physical activity. Atmospheric Pollution Research, 2023, 14, 101649.	1.8	4
573	Ligand design of a novel metal-organic framework for selective capturing of Pb(II) from wastewater. Journal of Cleaner Production, 2023, 386, 135841.	4.6	4
574	Risk assessment and source apportionment of heavy metalloids from typical farmlands provinces in China. Chemical Engineering Research and Design, 2023, 171, 109-118.	2.7	4
575	Brief status of contamination in surface water of rivers of India by heavy metals: a review with pollution indices and health risk assessment. Environmental Geochemistry and Health, 2023, 45, 2779-2801.	1.8	4
576	Isotopic (Cu, Zn, and Pb) and elemental fingerprints of antifouling paints and their potential use for environmental forensic investigations. Environmental Pollution, 2023, , 121176.	3.7	0
577	Potentially Harmful Elements Associated with Dust of Mosques: Pollution Status, Sources, and Human Health Risks. International Journal of Environmental Research and Public Health, 2023, 20, 2687.	1.2	0
578	Bifunctional collagen fiber/carbon quantum dot fluorescent adsorbent for efficient adsorption and detection of Pb ²⁺ . Science of the Total Environment, 2023, 871, 161989.	3.9	13
579	Sources and historical records of metal(loid)s in river sediments from an agricultural tributary of Tuojiang river: Evidence from geochemical analyses and Pb isotope. Chemosphere, 2023, 322, 138169.	4.2	1
580	Source apportionment and transfer characteristics of Pb in a soil-rice-human system, Jiulong River Basin, southeast China. Environmental Pollution, 2023, 326, 121489.	3.7	3
581	Contamination and source apportionment of metals in urban road dust (Jinan, China) integrating the enrichment factor, receptor models (FA-NNC and PMF), local Moran's index, Pb isotopes and source-oriented health risk. Science of the Total Environment, 2023, 878, 163211.	3.9	19
582	Potentially toxic elements in human scalp hair around China's largest polymetallic rare earth ore mining and smelting area. Environment International, 2023, 172, 107775.	4.8	3
583	Slight transition in Chinese atmospheric Pb isotopic fingerprinting due to increasing foreign Pb. Environmental Pollution, 2023, 323, 121296.	3.7	2
584	Precise determination of ²⁰⁴ Pb-based isotopic ratios in environmental samples by quadrupole inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2023, 38, 1057-1064.	1.6	1

#	ARTICLE	IF	CITATIONS
585	A Zn-Based Metal-Organic Framework Modified by CuCl ₂ Under Ambient Conditions for Simultaneous Ultrasonic-Assisted Removal of Pb and Cd Ions with Fast Kinetics from Aqueous Solution. <i>ChemistrySelect</i> , 2023, 8, .	0.7	4
586	A study to characterize the lead isotopic fingerprint in PM2.5 emitted from incense stick and cigarette burning. <i>Environmental Science and Pollution Research</i> , 2023, 30, 56893-56903.	2.7	0
587	Evaluation of Efficient Pb Removal from Aqueous Solutions using Biochar Beads. <i>Korean Journal of Environmental Agriculture</i> , 2023, 42, 35-43.	0.0	0
588	Introductory Chapter: Issues with Oil Spills and Remote Monitoring. , 0, , .		0
589	Spatial and temporal trends in ⁶⁶ Zn and ²⁰⁶ Pb/ ²⁰⁷ Pb isotope ratios along a rural transect downwind from the Upper Silesian industrial area: Role of legacy vs. present-day pollution. <i>Environmental Pollution</i> , 2023, , 121609.	3.7	2
590	Risk Evaluation of Pollutants Emission from Coal and Coal Waste Combustion Plants and Environmental Impact of Fly Ash Landfilling. <i>Toxics</i> , 2023, 11, 396.	1.6	4
591	Complexities in attributing lead contamination to specific sources in an industrial area of Philadelphia, PA. <i>Heliyon</i> , 2023, 9, e15666.	1.4	4
609	The Dynamics of Lead in Plant-Soil Interactions. <i>Environmental Science and Engineering</i> , 2023, , 17-29.	0.1	0
626	Progressive advances in applications of lead and strontium isotopes as monitors of anthropogenic contaminants in the surficial environment. , 2024, , 423-490.		0