

James F Ranville

List of Publications by Year in descending order

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126
papers

9,130
citations

44066

48
h-index

40976

93
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130
all docs

130
docs citations

130
times ranked

9183
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining Transport Efficiency for the Purpose of Counting and Sizing Nanoparticles via Single Particle Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 9361-9369.	6.5	609
2	Nanoparticle analysis and characterization methodologies in environmental risk assessment of engineered nanoparticles. <i>Ecotoxicology</i> , 2008, 17, 344-361.	2.4	543
3	Potential scenarios for nanomaterial release and subsequent alteration in the environment. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 50-59.	4.3	498
4	Natural, incidental, and engineered nanomaterials and their impacts on the Earth system. <i>Science</i> , 2019, 363, .	12.6	479
5	Nanoparticle Size Detection Limits by Single Particle ICP-MS for 40 Elements. <i>Environmental Science & Technology</i> , 2014, 48, 10291-10300.	10.0	366
6	Release of TiO ₂ Nanoparticles from Sunscreens into Surface Waters: A One-Year Survey at the Old Danube Recreational Lake. <i>Environmental Science & Technology</i> , 2014, 48, 5415-5422.	10.0	344
7	Nanopesticides: Guiding Principles for Regulatory Evaluation of Environmental Risks. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4227-4240.	5.2	308
8	Detecting nanoparticulate silver using single particle inductively coupled plasma mass spectrometry. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 115-121.	4.3	277
9	Single Particle ICP-MS: Advances toward routine analysis of nanomaterials. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5053-5074.	3.7	265
10	Solubility of nano zinc oxide in environmentally and biologically important matrices. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 93-99.	4.3	246
11	Silver nanoparticle characterization using single particle ICP-MS (SP-ICP-MS) and asymmetrical flow field flow fractionation ICP-MS (AF4-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1131.	3.0	235
12	Extraction and Analysis of Silver and Gold Nanoparticles from Biological Tissues Using Single Particle Inductively Coupled Plasma Mass Spectrometry. <i>Environmental Science & Technology</i> , 2013, 47, 14315-14323.	10.0	193
13	Single Particle Inductively Coupled Plasma-Mass Spectrometry: A Performance Evaluation and Method Comparison in the Determination of Nanoparticle Size. <i>Environmental Science & Technology</i> , 2012, 46, 12272-12280.	10.0	186
14	Preserving the Distribution of Inorganic Arsenic Species in Groundwater and Acid Mine Drainage Samples. <i>Environmental Science & Technology</i> , 2002, 36, 2213-2218.	10.0	182
15	Characterization of silver nanoparticles using flow-field flow fractionation interfaced to inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4219-4225.	3.7	155
16	Photodegradation of roxarsone in poultry litter leachates. <i>Science of the Total Environment</i> , 2003, 302, 237-245.	8.0	150
17	Evidence for the Aquatic Binding of Arsenate by Natural Organic Matter~Suspended Fe(III). <i>Environmental Science & Technology</i> , 2006, 40, 5380-5387.	10.0	124
18	Geochemical, mineralogical and microbiological characteristics of sediment from a naturally reduced zone in a uranium-contaminated aquifer. <i>Applied Geochemistry</i> , 2012, 27, 1499-1511.	3.0	123

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19	Low risk posed by engineered and incidental nanoparticles in drinking water. <i>Nature Nanotechnology</i> , 2018, 13, 661-669.	31.5	118
20	Silver Nanowire Exposure Results in Internalization and Toxicity to <i>Daphnia magna</i> . <i>ACS Nano</i> , 2013, 7, 10681-10694.	14.6	117
21	Analysis of gold nanoparticle mixtures: a comparison of hydrodynamic chromatography (HDC) and asymmetrical flow field-flow fractionation (AF4) coupled to ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1532.	3.0	111
22	Field and laboratory arsenic speciation methods and their application to natural-water analysis. <i>Water Research</i> , 2004, 38, 355-364.	11.3	103
23	Current status and future direction for examining engineered nanoparticles in natural systems. <i>Environmental Chemistry</i> , 2014, 11, 351.	1.5	103
24	A regional-scale study of chromium and nickel in soils of northern California, USA. <i>Applied Geochemistry</i> , 2009, 24, 1500-1511.	3.0	101
25	Cardiac and vascular metal deposition with high mortality in nephrogenic systemic fibrosis. <i>Kidney International</i> , 2008, 73, 1413-1418.	5.2	97
26	Overcoming challenges in analysis of polydisperse metal-containing nanoparticles by single particle inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1093.	3.0	95
27	Bioavailability, Toxicity, and Bioaccumulation of Quantum Dot Nanoparticles to the Amphipod <i>Leptocheirus plumulosus</i> . <i>Environmental Science & Technology</i> , 2012, 46, 5550-5556.	10.0	88
28	Potential Environmental Impacts and Antimicrobial Efficacy of Silver- and Nanosilver-Containing Textiles. <i>Environmental Science & Technology</i> , 2016, 50, 4018-4026.	10.0	88
29	Development of sedimentation field-flow fractionation-inductively coupled plasma mass-spectrometry for the characterization of environmental colloids. <i>Analytica Chimica Acta</i> , 1999, 381, 315-329.	5.4	86
30	Presence of Organoarsenicals Used in Cotton Production in Agricultural Water and Soil of the Southern United States. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 7340-7344.	5.2	86
31	Dermally adhered soil: 1. Amount and particle size distribution. <i>Integrated Environmental Assessment and Management</i> , 2006, 2, 375-384.	2.9	84
32	Multiple Method Analysis of TiO ₂ Nanoparticle Uptake in Rice (<i>Oryza sativa</i> L.) Plants. <i>Environmental Science & Technology</i> , 2017, 51, 10615-10623.	10.0	84
33	<i>Daphnia</i> need to be gut-cleared too: the effect of exposure to and ingestion of metal-contaminated sediment on the gut-clearance patterns of <i>D. magna</i> . <i>Aquatic Toxicology</i> , 2005, 71, 143-154.	4.0	83
34	Comparison of on-line detectors for field flow fractionation analysis of nanomaterials. <i>Talanta</i> , 2013, 104, 140-148.	5.5	79
35	Particle Size and Element Distributions of Soil Colloids. <i>Soil Science Society of America Journal</i> , 2005, 69, 1173-1184.	2.2	71
36	Field-flow fractionation characterization and binding properties of particulate and colloidal organic matter from the Rio Amazon and Rio Negro. <i>Organic Geochemistry</i> , 2002, 33, 269-279.	1.8	69

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37	Characterization of Colloidal and Humic-Bound Ni and U in the "Dissolved" Fraction of Contaminated Sediment Extracts. <i>Environmental Science & Technology</i> , 2005, 39, 2478-2485.	10.0	69
38	Metal(Loid) Levels in Biological Matrices from Human Populations Exposed to Mining Contamination" Panasqueira Mine (Portugal). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 893-908.	2.3	66
39	Effects of iron on arsenic speciation and redox chemistry in acid mine water. <i>Journal of Geochemical Exploration</i> , 2005, 85, 55-62.	3.2	64
40	Influence of stability on the acute toxicity of CdSe/ZnS nanocrystals to <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1338-1344.	4.3	62
41	Physical, chemical, and in vitro toxicological characterization of nanoparticles in chemical mechanical planarization suspensions used in the semiconductor industry: towards environmental health and safety assessments. <i>Environmental Science: Nano</i> , 2015, 2, 227-244.	4.3	62
42	Quantifying uranium complexation by groundwater dissolved organic carbon using asymmetrical flow field-flow fractionation. <i>Journal of Contaminant Hydrology</i> , 2007, 91, 233-246.	3.3	59
43	Weathering and transport of chromium and nickel from serpentinite in the Coast Range ophiolite to the Sacramento Valley, California, USA. <i>Applied Geochemistry</i> , 2015, 61, 72-86.	3.0	56
44	Detection of single walled carbon nanotubes by monitoring embedded metals. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 204-213.	3.5	55
45	Thioarsenic Species Associated with Increased Arsenic Release during Biostimulated Subsurface Sulfate Reduction. <i>Environmental Science & Technology</i> , 2014, 48, 13367-13375.	10.0	55
46	Comparing the effects of nanosilver size and coating variations on bioavailability, internalization, and elimination, using <i>Lumbriculus variegatus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2069-2077.	4.3	54
47	The iron status in colloidal matter from the Rio Negro, Brasil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 217, 1-9.	4.7	52
48	Synchrotron X-ray 2D and 3D elemental imaging of CdSe/ZnS quantum dot nanoparticles in <i>Daphnia magna</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 911-917.	3.7	50
49	The persistence and transformation of silver nanoparticles in littoral lake mesocosms monitored using various analytical techniques. <i>Environmental Chemistry</i> , 2014, 11, 419.	1.5	49
50	Phytotoxicity of silver nanoparticles to <i>Lemna minor</i> : Surface coating and exposure period-related effects. <i>Science of the Total Environment</i> , 2018, 618, 1389-1399.	8.0	48
51	The effect of hardness on the stability of citrate-stabilized gold nanoparticles and their uptake by <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2012, 213-214, 434-439.	12.4	44
52	Detection and Sizing of Ti-Containing Particles in Recreational Waters Using Single Particle ICP-MS. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 120-126.	2.7	44
53	Use of a single-bowl continuous-flow centrifuge for dewatering suspended sediments: Effect on sediment physical and chemical characteristics. <i>Hydrological Processes</i> , 1991, 5, 201-214.	2.6	43
54	Biomonitoring of several toxic metal(loid)s in different biological matrices from environmentally and occupationally exposed populations from Panasqueira mine area, Portugal. <i>Environmental Geochemistry and Health</i> , 2014, 36, 255-269.	3.4	42

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55	Observed and modeled seasonal trends in dissolved and particulate Cu, Fe, Mn, and Zn in a mining-impacted stream. <i>Water Research</i> , 2008, 42, 3135-3145.	11.3	41
56	Quantitative resolution of nanoparticle sizes using single particle inductively coupled plasma mass spectrometry with the K-means clustering algorithm. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1630.	3.0	41
57	Collection and analysis of colloidal particles transported in the Mississippi River, U.S.A.. <i>Journal of Contaminant Hydrology</i> , 1990, 6, 241-250.	3.3	38
58	Surface Modification of Gd Nanoparticles with pH-Responsive Block Copolymers for Use As Smart MRI Contrast Agents. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5040-5050.	8.0	38
59	Methods for the Detection and Characterization of Silica Colloids by Microsecond spICP-MS. <i>Analytical Chemistry</i> , 2016, 88, 4733-4741.	6.5	37
60	Photodegradation of polymer-CNT nanocomposites: effect of CNT loading and CNT release characteristics. <i>Environmental Science: Nano</i> , 2017, 4, 967-982.	4.3	36
61	Evaluation of Different Field-Flow Fractionation Techniques for Separating Bacteria. <i>Separation Science and Technology</i> , 2000, 35, 1761-1775.	2.5	35
62	The Use of Field and Mesocosm Experiments to Quantify Effects of Physical and Chemical Stressors in Mining-Contaminated Streams. <i>Environmental Science & Technology</i> , 2016, 50, 7825-7833.	10.0	33
63	Gadolinium deposition in nephrogenic systemic fibrosis: An examination of tissue using synchrotron x-ray fluorescence spectroscopy. <i>Journal of the American Academy of Dermatology</i> , 2010, 62, 38-44.	1.2	32
64	Analysis of pH Dependent Uranium(VI) Sorption to Nanoparticulate Hematite by Flow Field-Flow Fractionation - Inductively Coupled Plasma Mass Spectrometry. <i>Environmental Science & Technology</i> , 2009, 43, 5403-5409.	10.0	30
65	Application of Flow Field Flow Fractionation-ICPMS for the Study of Uranium Binding in Bacterial Cell Suspensions. <i>Analytical Chemistry</i> , 2005, 77, 1393-1397.	6.5	28
66	Effect of age on acute toxicity of cadmium, copper, nickel, and zinc in individual metal exposures to <i>Daphnia magna</i> neonates. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 113-119.	4.3	28
67	Metal deposition in calcific uremic arteriolopathy. <i>Journal of the American Academy of Dermatology</i> , 2009, 61, 73-79.	1.2	27
68	Arsenic geochemistry in a biostimulated aquifer: An aqueous speciation study. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1216-1223.	4.3	27
69	Measurement of the Density of Engineered Silver Nanoparticles Using Centrifugal FFF-TEM and Single Particle ICP-MS. <i>Analytical Chemistry</i> , 2017, 89, 6056-6064.	6.5	26
70	Using single-particle ICP-MS for monitoring metal-containing particles in tap water. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1923-1932.	2.4	26
71	Coupling single particle ICP-MS with field-flow fractionation for characterizing metal nanoparticles contained in nanoplastic colloids. <i>Environmental Science: Nano</i> , 2020, 7, 514-524.	4.3	24
72	Radionuclides, trace elements, and radium residence in phosphogypsum of Jordan. <i>Environmental Geochemistry and Health</i> , 2011, 33, 149-165.	3.4	23

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73	Acute Toxicity of Ternary Cd–Cu–Ni and Cd–Ni–Zn Mixtures to <i>Daphnia magna</i> : Dominant Metal Pairs Change along a Concentration Gradient. <i>Environmental Science & Technology</i> , 2017, 51, 4471-4481.	10.0	23
74	Evaluation and application of anion exchange resins to measure groundwater uranium flux at a former uranium mill site. <i>Water Research</i> , 2011, 45, 4866-4876.	11.3	22
75	A test of the additivity of acute toxicity of binary metal mixtures of Ni with Cd, Cu, and Zn to <i>Daphnia magna</i> , using the inflection point of the concentration–response curves. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1843-1851.	4.3	22
76	Analysis of single-walled carbon nanotubes using spICP-MS with microsecond dwell time. <i>NanoImpact</i> , 2016, 1, 65-72.	4.5	22
77	Methodology for quantifying engineered nanomaterial release from diverse product matrices under outdoor weathering conditions and implications for life cycle assessment. <i>Environmental Science: Nano</i> , 2017, 4, 1784-1797.	4.3	22
78	Biodegradation of Carbon Nanotube/Polymer Nanocomposites using a Monoculture. <i>Environmental Science & Technology</i> , 2018, 52, 40-51.	10.0	22
79	Opportunities for examining the natural nanogeochemical environment using recent advances in nanoparticle analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1768-1772.	3.0	22
80	Quantification and Characterization of Nanoparticulate Zinc in an Urban Watershed. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	21
81	Spatial variations in the fate and transport of metals in a mining-influenced stream, North Fork Clear Creek, Colorado. <i>Science of the Total Environment</i> , 2009, 407, 6223-6234.	8.0	19
82	Effect of Surface Charge and Elemental Composition on the Swelling and Delamination of Montmorillonite Nanoclays Using Sedimentation Field-flow Fractionation and Mass Spectroscopy. <i>Clays and Clay Minerals</i> , 2015, 63, 457-468.	1.3	19
83	Bioavailability of sediment-associated Cu and Zn to <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2006, 77, 402-411.	4.0	18
84	Direct versus indirect determination of suspended sediment associated metals in a mining-influenced watershed. <i>Applied Geochemistry</i> , 2008, 23, 1218-1231.	3.0	18
85	Quantifying temporal and geographic variation in sunscreen and mineralogic titanium-containing nanoparticles in three recreational rivers. <i>Science of the Total Environment</i> , 2020, 743, 140845.	8.0	18
86	Characterization of silver nanoparticle aggregates using single particle-inductively coupled plasma-mass spectrometry (spICP-MS). <i>Chemosphere</i> , 2017, 171, 468-475.	8.2	17
87	Gunshot residue (GSR) analysis by single particle inductively coupled plasma mass spectrometry (spICP-MS). <i>Forensic Science International</i> , 2018, 288, e20-e25.	2.2	17
88	Dermally adhered soil: 2. Reconstruction of dry sieve particle size distributions from wet sieve data. <i>Integrated Environmental Assessment and Management</i> , 2006, 2, 385-390.	2.9	16
89	The development of bio-carbon adsorbents from Lodgepole Pine to remediate acid mine drainage in the Rocky Mountains. <i>Biomass and Bioenergy</i> , 2008, 32, 267-276.	5.7	16
90	An evaluation of trace metal distribution, enrichment factors and risk in sediments of a coastal lagoon (Ria de Aveiro, Portugal). <i>Environmental Earth Sciences</i> , 2012, 67, 2043-2052.	2.7	16

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91	Chronic and pulse exposure effects of silver nanoparticles on natural lake phytoplankton and zooplankton. <i>Ecotoxicology</i> , 2017, 26, 502-515.	2.4	16
92	Nanoparticles in the environment: stability and toxicity. <i>Reviews on Environmental Health</i> , 2012, 27, 175-9.	2.4	15
93	Bioaccumulation and in-vivo dissolution of CdSe/ZnS with three different surface coatings by <i>Daphnia magna</i> . <i>Chemosphere</i> , 2016, 143, 115-122.	8.2	14
94	Influence of Metal Contamination and Sediment Deposition on Benthic Invertebrate Colonization at the North Fork Clear Creek Superfund Site, Colorado, USA. <i>Environmental Science & Technology</i> , 2018, 52, 7072-7080.	10.0	14
95	Detection and characterization of uranium-humic complexes during 1D transport studies. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 109, 127-142.	3.9	13
96	AN ENRICHED STABLE-ISOTOPE APPROACH TO DETERMINE THE GILL-ZINC BINDING PROPERTIES OF JUVENILE RAINBOW TROUT (<i>ONCORHYNCHUS MYKISS</i>) DURING ACUTE ZINC EXPOSURES IN HARD AND SOFT WATERS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1233.	4.3	12
97	Contaminant discharge and uncertainty estimates from passive flux meter measurements. <i>Water Resources Research</i> , 2012, 48, .	4.2	12
98	Simulation of a hydraulic fracturing wastewater surface spill on agricultural soil. <i>Science of the Total Environment</i> , 2018, 645, 229-234.	8.0	12
99	Characteristics and Stability of Incidental Iron Oxide Nanoparticles during Remediation of a Mining-Impacted Stream. <i>Environmental Science & Technology</i> , 2019, 53, 11214-11222.	10.0	12
100	Copper release and transformation following natural weathering of nano-enabled pressure-treated lumber. <i>Science of the Total Environment</i> , 2019, 668, 234-244.	8.0	12
101	Is the Factor-of-2 Rule Broadly Applicable for Evaluating the Prediction Accuracy of Metal-Toxicity Models?. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 64-68.	2.7	11
102	Cholinesterase activity on <i>Echinogammarus meridionalis</i> (Pinkster) and <i>Atyaephyra desmarestii</i> (Millet): characterisation and in vivo effects of copper and zinc. <i>Ecotoxicology</i> , 2014, 23, 449-458.	2.4	9
103	Sequestration of arsenate from aqueous solution using 2-line ferrihydrite: equilibria, kinetics, and X-ray absorption spectroscopic analysis. <i>Environmental Earth Sciences</i> , 2014, 71, 3307-3318.	2.7	9
104	Exploring Nanogeochemical Environments: New Insights from Single Particle ICP-TOFMS and AF4-ICPMS. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 943-952.	2.7	9
105	Natural organic matter. <i>Interface Science and Technology</i> , 2006, , 299-315.	3.3	8
106	Measurement of total Zn and Zn isotope ratios by quadrupole ICP-MS for evaluation of Zn uptake in gills of brown trout (<i>Salmo trutta</i>) and rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Talanta</i> , 2009, 80, 676-684.	5.5	8
107	Evaluating performance, degradation, and release behavior of a nanoform pigmented coating after natural and accelerated weathering. <i>NanoImpact</i> , 2020, 17, 100199.	4.5	6
108	Assessing CeO ₂ and TiO ₂ Nanoparticle Concentrations in the Seine River and Its Tributaries Near Paris. <i>Frontiers in Environmental Science</i> , 2021, 8, .	3.3	6

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109	Simultaneous Insight into Dissolution and Aggregation of Metal Sulfide Nanoparticles through Single-Particle Inductively Coupled Plasma Mass Spectrometry. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 541-550.	2.7	6
110	Differentiation of colloidal and dissolved silica: analytical separation using spectrophotometry and inductively coupled plasma atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 1991, 249, 509-511.	5.4	4
111	A Simple Scheme to Determine Potential Aquatic Metal Toxicity from Mining Wastes. <i>Environmental Forensics</i> , 2007, 8, 119-128.	2.6	4
112	Field-Flow Fractionation Coupled to Inductively Coupled Plasma-Mass Spectrometry (FFF-ICP-MS): Methodology and Application to Environmental Nanoparticle Research. , 2012, , 277-299.		4
113	COMPARISON OF MINE WASTE ASSESSMENT METHODS AT THE RATTLER MINE SITE, VIRGINIA CANYON, COLORADO. <i>Journal of the American Society of Mining and Reclamation</i> , 2005, 2005, 470-486.	0.3	4
114	Feeding preferences of two detritivores related to size and metal content of leaves: the crustaceans <i>Atyaephyra desmarestii</i> (Millet) and <i>Echinogammarus meridionalis</i> (Pinkster). <i>Environmental Science and Pollution Research</i> , 2014, 21, 12325-12335.	5.3	3
115	Physiological effects of essential metals on two detritivores: <i>Atyaephyra desmarestii</i> (Millet) and <i>Echinogammarus meridionalis</i> (Pinkster). <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1442-1448.	4.3	3
116	Reactive transport modeling of remedial scenarios to predict cadmium, copper, and zinc in north fork of Clear Creek, Colorado. <i>Remediation</i> , 2009, 19, 101-119.	2.4	2
117	Size Distributions. <i>Frontiers of Nanoscience</i> , 2015, 8, 91-121.	0.6	2
118	Age-related differences in sensitivity to metals can matter for <i>Daphnia magna</i> neonates. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 208-210.	2.9	2
119	PREDICTING TOXIC EFFECTS OF COPPER ON AQUATIC BIOTA IN MINERALIZED AREAS BY USING THE BIOTIC LIGAND MODEL. <i>Journal of the American Society of Mining and Reclamation</i> , 2006, 2006, 2055-2077.	0.3	2
120	Distribution of potentially toxic metal and radionuclide contamination in soils related to phosphogypsum waste stockpiling in the Eshidiya Mine, Jordan. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2010, 10, 419-433.	0.9	1
121	Assessment of Young Dong tributary and Imgok Creek impacted by Young Dong coal mine, South Korea. <i>Environmental Geochemistry and Health</i> , 2012, 34, 95-103.	3.4	1
122	CHARACTERIZATION AND LEACH TEST ASSESSMENT AT THE TIP TOP MINE, A MARGINALLY IMPACTED SITE. <i>Journal of the American Society of Mining and Reclamation</i> , 2005, 2005, 737-749.	0.3	1
123	Stream Mesocosm Experiments Show no Protective Effects of Calcium on Copper Toxicity to Macroinvertebrates. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1304-1310.	4.3	1
124	Distribution and mode of occurrences of radionuclides in phosphogypsum from the Aqaba and Eshidiya fertilizer plants, Jordan. <i>Diqiu Huaxue</i> , 2006, 25, 178-178.	0.5	0
125	Coupled Microbial and Chemical Reactions in Uranium Bioremediation. , 2006, , 183-190.		0
126	Evaluating performance, degradation, and release behavior of a nanoform pigmented coating after natural and accelerated weathering. <i>NanoImpact</i> , 2020, 17, .	4.5	0