

Jian-bo Shi

List of Publications by Citations

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148
papers

6,450
citations

41
h-index

77
g-index

165
ext. papers

7,462
ext. citations

8.5
avg, IF

5.87
L-index

#	Paper	IF	Citations
148	Biomonitoring: an appealing tool for assessment of metal pollution in the aquatic ecosystem. <i>Analytica Chimica Acta</i> , 2008 , 606, 135-50	6.6	528
147	Speciation of heavy metals in marine sediments from the East China Sea by ICP-MS with sequential extraction. <i>Environment International</i> , 2004 , 30, 769-83	12.9	345
146	Graphene and graphene oxide sheets supported on silica as versatile and high-performance adsorbents for solid-phase extraction. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5913-7	16.4	339
145	Evaluation of graphene as an advantageous adsorbent for solid-phase extraction with chlorophenols as model analytes. <i>Journal of Chromatography A</i> , 2011 , 1218, 197-204	4.5	278
144	Mercury pollution in China. An overview of the past and current sources of the toxic metal. <i>Environmental Science & Technology</i> , 2006 , 40, 3673-8	10.3	263
143	A mussel-inspired polydopamine coating as a versatile platform for the in situ synthesis of graphene-based nanocomposites. <i>Nanoscale</i> , 2012 , 4, 5864-7	7.7	246
142	Application of graphene in analytical sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 37, 1-11	14.6	242
141	Research progress of heavy metal pollution in China: Sources, analytical methods, status, and toxicity. <i>Science Bulletin</i> , 2013 , 58, 134-140		171
140	Preparation of graphene-encapsulated magnetic microspheres for protein/peptide enrichment and MALDI-TOF MS analysis. <i>Chemical Communications</i> , 2012 , 48, 1874-6	5.8	167
139	The levels and distribution of organochlorine pesticides (OCPs) in sediments from the Haihe River, China. <i>Chemosphere</i> , 2005 , 61, 347-54	8.4	163
138	Antibacterial mechanism of silver nanoparticles in <i>Pseudomonas aeruginosa</i> : proteomics approach. <i>Metallomics</i> , 2018 , 10, 557-564	4.5	143
137	Occurrence and distribution of organochlorine pesticides (HCH and DDT) in sediments collected from East China Sea. <i>Environment International</i> , 2005 , 31, 799-804	12.9	124
136	The speciation and bioavailability of mercury in sediments of Haihe River, China. <i>Environment International</i> , 2005 , 31, 357-65	12.9	120
135	Environmental problems and challenges in China. <i>Environmental Science & Technology</i> , 2007 , 41, 7597-602	10.3	108
134	Accumulation of total mercury and methylmercury in rice plants collected from different mining areas in China. <i>Environmental Pollution</i> , 2014 , 184, 179-86	9.3	106
133	Perchlorate in sewage sludge, rice, bottled water and milk collected from different areas in China. <i>Environment International</i> , 2007 , 33, 955-62	12.9	102
132	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14488-14493	16.4	101

131	A Review of Environmental Occurrence, Fate, and Toxicity of Novel Brominated Flame Retardants. <i>Environmental Science & Technology</i> , 2019 , 53, 13551-13569	10.3	84
130	Graphene and Graphene Oxide Sheets Supported on Silica as Versatile and High-Performance Adsorbents for Solid-Phase Extraction. <i>Angewandte Chemie</i> , 2011 , 123, 6035-6039	3.6	84
129	Study on the contamination of heavy metals and their correlations in mollusks collected from coastal sites along the Chinese Bohai Sea. <i>Environment International</i> , 2005 , 31, 1103-13	12.9	83
128	Growing rice aerobically markedly decreases mercury accumulation by reducing both Hg bioavailability and the production of MeHg. <i>Environmental Science & Technology</i> , 2014 , 48, 1878-85	10.3	78
127	Graphene-assisted matrix solid-phase dispersion for extraction of polybrominated diphenyl ethers and their methoxylated and hydroxylated analogs from environmental samples. <i>Analytica Chimica Acta</i> , 2011 , 708, 61-8	6.6	78
126	Hemimicelles/admicelles supported on magnetic graphene sheets for enhanced magnetic solid-phase extraction. <i>Journal of Chromatography A</i> , 2012 , 1257, 1-8	4.5	75
125	Simultaneous determination of five estrogens and four androgens in water samples by online solid-phase extraction coupled with high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1281, 9-18	4.5	74
124	Mercury profiles in sediments of the Pearl River Estuary and the surrounding coastal area of South China. <i>Environmental Pollution</i> , 2010 , 158, 1974-9	9.3	74
123	Property-Activity Relationship of Black Phosphorus at the Nano-Bio Interface: From Molecules to Organisms. <i>Chemical Reviews</i> , 2020 , 120, 2288-2346	68.1	73
122	Arsenic levels and speciation from ingestion exposures to biomarkers in Shanxi, China: implications for human health. <i>Environmental Science & Technology</i> , 2013 , 47, 5419-24	10.3	69
121	Tetrabromobisphenol-A/S and Nine Novel Analogs in Biological Samples from the Chinese Bohai Sea: Implications for Trophic Transfer. <i>Environmental Science & Technology</i> , 2016 , 50, 4203-11	10.3	68
120	Elemental mercury: Its unique properties affect its behavior and fate in the environment. <i>Environmental Pollution</i> , 2017 , 229, 69-86	9.3	62
119	Identification of tetrabromobisphenol A diallyl ether as an emerging neurotoxicant in environmental samples by bioassay-directed fractionation and HPLC-APCI-MS/MS. <i>Environmental Science & Technology</i> , 2011 , 45, 5009-16	10.3	62
118	Simple interface of high-performance liquid chromatography-atomic fluorescence spectrometry hyphenated system for speciation of mercury based on photo-induced chemical vapour generation with formic acid in mobile phase as reaction reagent. <i>Journal of Chromatography A</i> , 2008 , 1181, 77-82	4.5	59
117	Identification of tetrabromobisphenol A allyl ether and tetrabromobisphenol A 2,3-dibromopropyl ether in the ambient environment near a manufacturing site and in mollusks at a coastal region. <i>Environmental Science & Technology</i> , 2013 , 47, 4760-7	10.3	58
116	The influence of mariculture on mercury distribution in sediments and fish around Hong Kong and adjacent mainland China waters. <i>Chemosphere</i> , 2011 , 82, 1038-43	8.4	53
115	L-cysteine-induced degradation of organic mercury as a novel interface in the HPLC-CV-AFS hyphenated system for speciation of mercury. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 810	3.7	53
114	Identification of two novel brominated contaminants in water samples by ultra-high performance liquid chromatography-Orbitrap Fusion Tribrid mass spectrometer. <i>Journal of Chromatography A</i> , 2015 , 1377, 92-9	4.5	50

113	Variations and constancy of mercury and methylmercury accumulation in rice grown at contaminated paddy field sites in three Provinces of China. <i>Environmental Pollution</i> , 2013 , 181, 91-7	9.3	45
112	Identification of Emerging Brominated Chemicals as the Transformation Products of Tetrabromobisphenol A (TBBPA) Derivatives in Soil. <i>Environmental Science & Technology</i> , 2017 , 51, 5434-5444	10.3	44
111	Determination of tetrabromobisphenol-A/S and their main derivatives in water samples by high performance liquid chromatography coupled with inductively coupled plasma tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1497, 81-86	4.5	43
110	Transformation/degradation of tetrabromobisphenol A and its derivatives: A review of the metabolism and metabolites. <i>Environmental Pollution</i> , 2018 , 243, 1141-1153	9.3	43
109	Investigation of methylmercury and total mercury contamination in mollusk samples collected from coastal sites along the Chinese Bohai Sea. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 7373-8	5.7	41
108	Recent advances in the analysis of TBBPA/TBBPS, TBBPA/TBBPS derivatives and their transformation products. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 83, 14-24	14.6	41
107	Mercury species of sediment and fish in freshwater fish ponds around the Pearl River Delta, PR China: human health risk assessment. <i>Chemosphere</i> , 2011 , 83, 443-8	8.4	40
106	Heavy metals in maternal and cord blood in Beijing and their efficiency of placental transfer. <i>Journal of Environmental Sciences</i> , 2019 , 80, 99-106	6.4	35
105	Reactive extractive electrospray ionization tandem mass spectrometry for sensitive detection of tetrabromobisphenol A derivatives. <i>Analytica Chimica Acta</i> , 2014 , 814, 49-54	6.6	34
104	Spatial and temporal variations of mercury in sediments from Victoria Harbour, Hong Kong. <i>Marine Pollution Bulletin</i> , 2007 , 54, 480-5	6.7	34
103	Methylmercury accumulation, histopathology effects, and cholinesterase activity alterations in medaka (<i>Oryzias latipes</i>) following sublethal exposure to methylmercury chloride. <i>Environmental Toxicology and Pharmacology</i> , 2006 , 22, 225-33	5.8	34
102	Methylmercury and total mercury in sediments collected from the East China Sea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 74, 980-7	2.7	33
101	Determination of As(III) and As(V) in soils using sequential extraction combined with flow injection hydride generation atomic fluorescence detection. <i>Analytica Chimica Acta</i> , 2003 , 477, 139-147	6.6	31
100	Distribution of mercury in coastal marine sediments of China: sources and transport. <i>Marine Pollution Bulletin</i> , 2014 , 88, 347-53	6.7	30
99	Air monitoring of polychlorinated biphenyls, polybrominated diphenyl ethers and organochlorine pesticides in West Antarctica during 2011-2017: Concentrations, temporal trends and potential sources. <i>Environmental Pollution</i> , 2019 , 249, 381-389	9.3	29
98	Capture of aromatic organic pollutants by hexagonal boron nitride nanosheets: density functional theoretical and molecular dynamic investigation. <i>Environmental Science: Nano</i> , 2016 , 3, 1493-1503	7.1	29
97	Mercury speciation by a high performance liquid chromatography-atomic fluorescence spectrometry hyphenated system with photo-induced chemical vapour generation reagent in the mobile phase. <i>Mikrochimica Acta</i> , 2009 , 167, 289-295	5.8	29
96	Predicting the risk of arsenic contaminated groundwater in Shanxi Province, Northern China. <i>Environmental Pollution</i> , 2012 , 165, 118-23	9.3	28

95	Spatial distribution of mercury in topsoil from five regions of China. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 1756-61	5.1	28
94	Speciation of mercury in coal using HPLC-CV-AFS system: Comparison of different extraction methods. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 1397	3.7	28
93	Simultaneous Determination of Methylmercury and Ethylmercury in Rice by Capillary Gas Chromatography Coupled On-line with Atomic Fluorescence Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 665-669	1.7	28
92	An Integrated Model for Input and Migration of Mercury in Chinese Coastal Sediments. <i>Environmental Science & Technology</i> , 2019 , 53, 2460-2471	10.3	26
91	Occurrence and distribution of parabens and bisphenols in sediment from northern Chinese coastal areas. <i>Environmental Pollution</i> , 2019 , 253, 759-767	9.3	26
90	Chemometrics methods for the investigation of methylmercury and total mercury contamination in mollusks samples collected from coastal sites along the Chinese Bohai Sea. <i>Environmental Pollution</i> , 2005 , 135, 457-67	9.3	26
89	Role of protein corona in the biological effect of nanomaterials: Investigating methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 303-314	14.6	25
88	Mercury in alpine fish from four rivers in the Tibetan Plateau. <i>Journal of Environmental Sciences</i> , 2016 , 39, 22-28	6.4	24
87	Direct analysis of eight chlorophenols in urine by large volume injection online turbulent flow solid-phase extraction liquid chromatography with multiple wavelength ultraviolet detection. <i>Talanta</i> , 2014 , 119, 396-400	6.2	23
86	Silver ion post-column derivatization electrospray ionization mass spectrometry for determination of tetrabromobisphenol A derivatives in water samples. <i>RSC Advances</i> , 2015 , 5, 17474-17481	3.7	22
85	Detection of tris-(2, 3-dibromopropyl) isocyanurate as a neuronal toxicant in environmental samples using neuronal toxicity-directed analysis. <i>Science China Chemistry</i> , 2011 , 54, 1651-1658	7.9	22
84	Determining the Cytotoxicity of Rare Earth Element Nanoparticles in Macrophages and the Involvement of Membrane Damage. <i>Environmental Science & Technology</i> , 2017 , 51, 13938-13948	10.3	20
83	Occurrence and Trophic Magnification of Organophosphate Esters in an Antarctic Ecosystem: Insights into the Shift from Legacy to Emerging Pollutants. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122742	12.8	19
82	Automated and sensitive determination of four anabolic androgenic steroids in urine by online turbulent flow solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry: a novel approach for clinical monitoring and doping control. <i>Talanta</i> , 2014 , 125, 432-8	6.2	19
81	Quantitative detection of nitric oxide in exhaled human breath by extractive electrospray ionization mass spectrometry. <i>Scientific Reports</i> , 2015 , 5, 8725	4.9	19
80	Radial oxygen loss has different effects on the accumulation of total mercury and methylmercury in rice. <i>Plant and Soil</i> , 2014 , 385, 343-355	4.2	19
79	Mercury isotope variations within the marine food web of Chinese Bohai Sea: Implications for mercury sources and biogeochemical cycling. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121379	12.8	19
78	Environmental applications of metal stable isotopes: Silver, mercury and zinc. <i>Environmental Pollution</i> , 2019 , 252, 1344-1356	9.3	18

77	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. <i>Angewandte Chemie</i> , 2017 , 129, 14680-14685	3.6	18
76	Determination of trace amounts of germanium by flow injection hydride generation atomic fluorescence spectrometry with on-line coprecipitation. <i>Talanta</i> , 2002 , 56, 711-6	6.2	18
75	Organotin compounds in surface sediments from selected fishing ports along the Chinese coast. <i>Science Bulletin</i> , 2013 , 58, 231-237		17
74	Analytical methods, formation, and dissolution of cinnabar and its impact on environmental cycle of mercury. <i>Critical Reviews in Environmental Science and Technology</i> , 2017 , 47, 2415-2447	11.1	17
73	Characterization of Three Tetrabromobisphenol-S Derivatives in Mollusks from Chinese Bohai Sea: A Strategy for Novel Brominated Contaminants Identification. <i>Scientific Reports</i> , 2015 , 5, 11741	4.9	17
72	Determination of uranium isotopic ratio ($^{235}\text{U}/^{238}\text{U}$) using extractive electrospray ionization tandem mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 2045	3.7	17
71	Interaction of methylmercury and selenium on the bioaccumulation and histopathology in medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology</i> , 2007 , 22, 69-77	4.2	17
70	Tracking Mercury in Individual Using a Capillary Single-Cell Inductively Coupled Plasma Mass Spectrometry Online System. <i>Analytical Chemistry</i> , 2020 , 92, 622-627	7.8	17
69	Tracing aquatic bioavailable Hg in three different regions of China using fish Hg isotopes. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 150, 327-334	7	16
68	Detection of coronavirus in environmental surveillance and risk monitoring for pandemic control. <i>Chemical Society Reviews</i> , 2021 , 50, 3656-3676	58.5	16
67	A novel, enzyme-linked immunosorbent assay based on the catalysis of AuNCs@BSA-induced signal amplification for the detection of dibutyl phthalate. <i>Talanta</i> , 2018 , 179, 64-69	6.2	16
66	Sensitive immunoassay for simultaneous determination of tetrabromobisphenol A bis(2-hydroxyethyl) ether and tetrabromobisphenol A mono(hydroxyethyl) ether: An effective and reliable strategy to estimate the typical tetrabromobisphenol A derivative and byproduct in aquatic environment. <i>Environmental Pollution</i> , 2017 , 200, 121-128	9.3	15
65	Distinct toxicological characteristics and mechanisms of Hg and MeHg in Tetrahymena under low concentration exposure. <i>Aquatic Toxicology</i> , 2017 , 193, 152-159	5.1	15
64	Biomagnification of mercury in mollusks from coastal areas of the Chinese Bohai Sea. <i>RSC Advances</i> , 2015 , 5, 40036-40045	3.7	15
63	Identification of Unknown Brominated Bisphenol S Congeners in Contaminated Soils as the Transformation Products of Tetrabromobisphenol S Derivatives. <i>Environmental Science & Technology</i> , 2018 , 52, 10480-10489	10.3	14
62	Sequential extraction of some heavy metals in Haihe River sediments, People's Republic of China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004 , 73, 59-66	2.7	14
61	Evidence of Foodborne Transmission of the Coronavirus (COVID-19) through the Animal Products Food Supply Chain. <i>Environmental Science & Technology</i> , 2021 , 55, 2713-2716	10.3	14
60	Identification of transformation/degradation products of tetrabromobisphenol A and its derivatives. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 111, 85-99	14.6	13

59	Organotin exposure stimulates steroidogenesis in H295R Cell via cAMP pathway. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 156, 148-153	7	12
58	Detection of trace levels of lead in aqueous liquids using extractive electrospray ionization tandem mass spectrometry. <i>Talanta</i> , 2012 , 98, 79-85	6.2	12
57	New evidence for atmospheric mercury transformations in the marine boundary layer from stable mercury isotopes. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 9713-9723	6.8	12
56	Cellular Uptake of Few-Layered Black Phosphorus and the Toxicity to an Aquatic Unicellular Organism. <i>Environmental Science & Technology</i> , 2020 , 54, 1583-1592	10.3	12
55	Trace metal profiles in mosses and lichens from the high-altitude Tibetan Plateau. <i>RSC Advances</i> , 2016 , 6, 541-546	3.7	11
54	Species-specific isotope dilution-GC-ICP-MS for accurate and precise measurement of methylmercury in water, sediments and biological tissues. <i>Analytical Methods</i> , 2014 , 6, 164-169	3.2	11
53	Cadmium-binding proteins in human blood plasma. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 188, 109896	7	11
52	Binding and Activity of Tetrabromobisphenol A Mono-Ether Structural Analogs to Thyroid Hormone Transport Proteins and Receptors. <i>Environmental Health Perspectives</i> , 2020 , 128, 107008	8.4	11
51	Long-Term Investigation of the Temporal Trends and Gas/Particle Partitioning of Short- and Medium-Chain Chlorinated Paraffins in Ambient Air of King George Island, Antarctica. <i>Environmental Science & Technology</i> , 2021 , 55, 230-239	10.3	11
50	Characterization and speciation of mercury in mosses and lichens from the high-altitude Tibetan Plateau. <i>Environmental Geochemistry and Health</i> , 2017 , 39, 475-482	4.7	10
49	Mercury isotopic compositions of mosses, conifer needles, and surface soils: Implications for mercury distribution and sources in Shergyla Mountain, Tibetan Plateau. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 172, 225-231	7	10
48	Effect of air pollution control devices on mercury isotopic fractionation in coal-fired power plants. <i>Chemical Geology</i> , 2019 , 517, 1-6	4.2	10
47	Application of Gas Chromatography-Atomic Fluorescence Spectrometry Hyphenated System for Speciation of Butyltin Compounds in Water Samples. <i>Spectroscopy Letters</i> , 2011 , 44, 393-398	1.1	10
46	Perturbation of Normal Algal Growth by Black Phosphorus Nanosheets: The Role of Degradation. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 35-41	11	10
45	Heterogenous Internalization of Nanoparticles at Ultra-Trace Concentration in Environmental Individual Unicellular Organisms Unveiled by Single-Cell Mass Cytometry. <i>ACS Nano</i> , 2020 , 14, 12828-12839	16.7	10
44	Real Time Online Correction of Mass Shifts and Intensity Fluctuations in Extractive Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2015 , 87, 11962-6	7.8	9
43	Solar-induced generation of singlet oxygen and hydroxyl radical in sewage wastewaters. <i>Environmental Chemistry Letters</i> , 2017 , 15, 515-523	13.3	8
42	Short- and medium-chain chlorinated paraffins in multi-environmental matrices in the Tibetan Plateau environment of China: A regional scale study. <i>Environment International</i> , 2020 , 140, 105767	12.9	8

41	Facile Photoinduced Generation of Hydroxyl Radical on a Nitrocellulose Membrane Surface and its Application in the Degradation of Organic Pollutants. <i>ChemSusChem</i> , 2018 , 11, 843-847	8.3	8
40	Methylmercury exposure alters RNA splicing in human neuroblastoma SK-N-SH cells: Implications from proteomic and post-transcriptional responses. <i>Environmental Pollution</i> , 2018 , 238, 213-221	9.3	8
39	Characterization of mercury-binding proteins in rat blood plasma. <i>Chemical Communications</i> , 2018 , 54, 7439-7442	5.8	8
38	Preliminary survey of estrogenic activity in part of waters in Haihe River, Tianjin. <i>Science Bulletin</i> , 2005 , 50, 2565-2570		8
37	Formation and distribution of methylmercury in sediments at a mariculture site: a mesocosm study. <i>Journal of Soils and Sediments</i> , 2013 , 13, 1301-1308	3.4	7
36	Occurrence of Mercurous [Hg(I)] Species in Environmental Solid Matrices as Probed by Mild 2-Mercaptoethanol Extraction and HPLC-ICP-MS Analysis. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 482-488	11	6
35	Optimization of Pretreatment Method for Alkylmercuries Speciation in Coal by High-Performance Liquid Chromatography Coupled with UV-Digestion Cold Vapor Atomic Fluorescence Spectrometry. <i>Spectroscopy Letters</i> , 2006 , 39, 785-796	1.1	6
34	Mercury accumulation and distribution in medaka after the exposure to sublethal levels of methylmercury. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 75, 584-91	2.7	6
33	Interaction of mercury ion (Hg) with blood and cytotoxicity attenuation by serum albumin binding. <i>Journal of Hazardous Materials</i> , 2021 , 412, 125158	12.8	6
32	Mutual detoxification of mercury and selenium in unicellular Tetrahymena. <i>Journal of Environmental Sciences</i> , 2018 , 68, 143-150	6.4	5
31	Lead-enhanced gas-phase stability of multiply charged EDTA anions: a combined experimental and theoretical study. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 769-77	2.2	5
30	Simultaneous determination of methylmercury and ethylmercury in rice by capillary gas chromatography coupled on-line with atomic fluorescence spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 665-9	1.7	5
29	Revisiting the forms of trace elements in biogeochemical cycling: Analytical needs and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 129, 115953	14.6	4
28	Disturbed Gut-Liver axis indicating oral exposure to polystyrene microplastic potentially increases the risk of insulin resistance.. <i>Environment International</i> , 2022 , 164, 107273	12.9	4
27	Different circulation history of mercury in aquatic biota from King George Island of the Antarctic. <i>Environmental Pollution</i> , 2019 , 250, 892-897	9.3	3
26	Terrestrial mercury transformation in the Tibetan Plateau: New evidence from stable isotopes in upland buzzards. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123211	12.8	3
25	Monitoring AuNP Dynamics in the Blood of a Single Mouse Using Single Particle Inductively Coupled Plasma Mass Spectrometry with an Ultralow-Volume High-Efficiency Introduction System. <i>Analytical Chemistry</i> , 2020 , 92, 14872-14877	7.8	3
24	Toxicity of Tetrabromobisphenol A and Its Derivative in the Mouse Liver Following Oral Exposure at Environmentally Relevant Levels. <i>Environmental Science & Technology</i> , 2021 , 55, 8191-8202	10.3	3

23	Enriched isotope tracing to reveal the fractionation and lability of legacy and newly introduced cadmium under different amendments. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123975	12.8	3
22	Inherited and acquired corona of coronavirus in the host: Inspiration from the biomolecular corona of nanoparticles. <i>Nano Today</i> , 2021 , 39, 101161	17.9	3
21	Optimization of pretreatment procedure for MeHg determination in sediments and its applications. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 17707-17718	5.1	2
20	Identification of mercury-containing nanoparticles in the liver and muscle of cetaceans. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127759	12.8	2
19	Determination of Methylmercury in Soil Samples with Online Purge and Trap Gas Chromatography-Atomic Fluorescence Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2013 , 41, 1754	1.6	2
18	Unified Probability Distribution and Dynamics of Lead Contents in Human Erythrocytes Revealed by Single-Cell Analysis. <i>Environmental Science & Technology</i> , 2021 , 55, 3819-3826	10.3	2
17	Katabatic Wind and Sea-Ice Dynamics Drive Isotopic Variations of Total Gaseous Mercury on the Antarctic Coast. <i>Environmental Science & Technology</i> , 2021 , 55, 6449-6458	10.3	2
16	Aging and phytoavailability of newly introduced and legacy cadmium in paddy soil and their bioaccessibility in rice grain distinguished by enriched isotope tracing. <i>Journal of Hazardous Materials</i> , 2021 , 417, 125998	12.8	2
15	R&Ktitelbild: Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification (Angew. Chem. 46/2017). <i>Angewandte Chemie</i> , 2017 , 129, 14966-14966	3.6	1
14	Preliminary survey of estrogenic activity in part of waters in Haihe River, Tianjin. <i>Science Bulletin</i> , 2005 , 50, 2565		1
13	A typical derivative and byproduct of tetrabromobisphenol A: Development of novel high-throughput immunoassays and systematic investigation of their distributions in Taizhou, an e-waste recycling area in eastern China. <i>Environmental Pollution</i> , 2020 , 263, 114382	9.3	1
12	Altered immune cells in the liver and spleen of mice as a typical immune response to graphene oxide exposure. <i>Materials and Design</i> , 2021 , 206, 109802	8.1	1
11	Long-term investigation of heavy metal variations in mollusks along the Chinese Bohai Sea.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 236, 113443	7	1
10	Melting Himalayas and mercury export: Results of continuous observations from the Rongbuk Glacier on Mt. Everest and future insights.. <i>Water Research</i> , 2022 , 218, 118474	12.5	1
9	Loss and Increase of the Electron Exchange Capacity of Natural Organic Matter during Its Reduction and Reoxidation: The Role of Quinone and Nonquinone Moieties.. <i>Environmental Science & Technology</i> , 2022 , 56, 6744-6753	10.3	1
8	Synthesis and Toxicity of Halogenated Bisphenol Monosubstituted-Ethers: Establishing a Library for Potential Environmental Transformation Products of Emerging Contaminant. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000481	2.5	0
7	Resurgence of Sandstorms Complicates China's Air Pollution Situation. <i>Environmental Science & Technology</i> , 2021 , 55, 11467-11469	10.3	0
6	Surface charge-dependent mitochondrial response to similar intracellular nanoparticle contents at sublethal dosages. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 36	8.4	0

- 5 Dark Reduction of Mercury by Microalgae-Associated Aerobic Bacteria in Marine Environments. *Environmental Science & Technology*, **2021**, 55, 14258-14268 10.3 0
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