

# Yongguang Yin

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

4,361  
citations

94381

37  
h-index

128225

60  
g-index

122  
all docs

122  
docs citations

122  
times ranked

4659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanoparticles in the environment. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 78-92.	1.7	297
2	Sunlight-Induced Reduction of Ionic Ag and Au to Metallic Nanoparticles by Dissolved Organic Matter. <i>ACS Nano</i> , 2012, 6, 7910-7919.	7.3	237
3	Speciation Analysis of Silver Nanoparticles and Silver Ions in Antibacterial Products and Environmental Waters via Cloud Point Extraction-Based Separation. <i>Analytical Chemistry</i> , 2011, 83, 6875-6882.	3.2	198
4	Highly Dynamic PVP-Coated Silver Nanoparticles in Aquatic Environments: Chemical and Morphology Change Induced by Oxidation of Ag <sup>0</sup> and Reduction of Ag <sup>+</sup> . <i>Environmental Science &amp; Technology</i> , 2014, 48, 403-411.	4.6	148
5	Elemental mercury: Its unique properties affect its behavior and fate in the environment. <i>Environmental Pollution</i> , 2017, 229, 69-86.	3.7	120
6	Photo-induced chemical-vapor generation for sample introduction in atomic spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1672-1684.	5.8	119
7	Particle Coating-Dependent Interaction of Molecular Weight Fractionated Natural Organic Matter: Impacts on the Aggregation of Silver Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2015, 49, 6581-6589.	4.6	118
8	Quantification of the Uptake of Silver Nanoparticles and Ions to HepG2 Cells. <i>Environmental Science &amp; Technology</i> , 2013, 47, 3268-3274.	4.6	110
9	Effects of molecular weight-dependent physicochemical heterogeneity of natural organic matter on the aggregation of fullerene nanoparticles in mono- and di-valent electrolyte solutions. <i>Water Research</i> , 2015, 71, 11-20.	5.3	94
10	Stable silver isotope fractionation in the natural transformation process of silver nanoparticles. <i>Nature Nanotechnology</i> , 2016, 11, 682-686.	15.6	85
11	Photoreduction and Stabilization Capability of Molecular Weight Fractionated Natural Organic Matter in Transformation of Silver Ion to Metallic Nanoparticle. <i>Environmental Science &amp; Technology</i> , 2014, 48, 9366-9373.	4.6	83
12	Humic-Like Substances (HULIS) in Aerosols of Central Tibetan Plateau (Nam Co, 4730 m asl): Abundance, Light Absorption Properties, and Sources. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7203-7211.	4.6	78
13	Dithizone-functionalized solid phase extractionâ€“displacement elution-high performance liquid chromatographyâ€“inductively coupled plasma mass spectrometry for mercury speciation in water samples. <i>Talanta</i> , 2010, 81, 1788-1792.	2.9	77
14	Simple interface of high-performance liquid chromatographyâ€“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.	1.8	66
15	Isotope Tracers To Study the Environmental Fate and Bioaccumulation of Metal-Containing Engineered Nanoparticles: Techniques and Applications. <i>Chemical Reviews</i> , 2017, 117, 4462-4487.	23.0	66
16	The Crucial Role of Environmental Coronas in Determining the Biological Effects of Engineered Nanomaterials. <i>Small</i> , 2020, 16, e2003691.	5.2	66
17	Methods and recent advances in speciation analysis of mercury chemical species in environmental samples: a review. <i>Chemical Speciation and Bioavailability</i> , 2016, 28, 51-65.	2.0	65
18	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.	1.6	59

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19	Water chemistry controlled aggregation and photo-transformation of silver nanoparticles in environmental waters. <i>Journal of Environmental Sciences</i> , 2015, 34, 116-125.	3.2	59
20	Significant contribution of metastable particulate organic matter to natural formation of silver nanoparticles in soils. <i>Nature Communications</i> , 2019, 10, 3775.	5.8	57
21	Photo-induced chemical vapour generation with formic acid: novel interface for high performance liquid chromatography-atomic fluorescence spectrometry hyphenated system and application in speciation of mercury. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 822.	1.6	56
22	Superoxide-Mediated Extracellular Biosynthesis of Silver Nanoparticles by the Fungus <i>Fusarium oxysporum</i> . <i>Environmental Science and Technology Letters</i> , 2016, 3, 160-165.	3.9	55
23	An Integrated Model for Input and Migration of Mercury in Chinese Coastal Sediments. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2460-2471.	4.6	55
24	Toward Full Spectrum Speciation of Silver Nanoparticles and Ionic Silver by On-Line Coupling of Hollow Fiber Flow Field-Flow Fractionation and Minicolumn Concentration with Multiple Detectors. <i>Analytical Chemistry</i> , 2015, 87, 8441-8447.	3.2	54
25	Uptake and Transformation of Silver Nanoparticles and Ions by Rice Plants Revealed by Dual Stable Isotope Tracing. <i>Environmental Science &amp; Technology</i> , 2019, 53, 625-633.	4.6	52
26	Probing and Comparing the Photobromination and Photoiodination of Dissolved Organic Matter by Using Ultra-High-Resolution Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5464-5472.	4.6	51
27	Transformation kinetics of silver nanoparticles and silver ions in aquatic environments revealed by double stable isotope labeling. <i>Environmental Science: Nano</i> , 2016, 3, 883-893.	2.2	48
28	Fumigant methyl iodide can methylate inorganic mercury species in natural waters. <i>Nature Communications</i> , 2014, 5, 4633.	5.8	47
29	Thermal and Photoinduced Reduction of Ionic Au(III) to Elemental Au Nanoparticles by Dissolved Organic Matter in Water: Possible Source of Naturally Occurring Au Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2014, 48, 2671-2679.	4.6	46
30	Characterization of Brominated Disinfection Byproducts Formed During the Chlorination of Aquaculture Seawater. <i>Environmental Science &amp; Technology</i> , 2018, 52, 5662-5670.	4.6	46
31	Mercury Redox Chemistry in Waters of the Eastern Asian Seas: From Polluted Coast to Clean Open Ocean. <i>Environmental Science &amp; Technology</i> , 2016, 50, 2371-2380.	4.6	42
32	Tracking the Transformation of Nanoparticulate and Ionic Silver at Environmentally Relevant Concentration Levels by Hollow Fiber Flow Field-Flow Fractionation Coupled to ICPMS. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12369-12376.	4.6	42
33	Efficient decolorization of typical azo dyes using low-frequency ultrasound in presence of carbonate and hydrogen peroxide. <i>Journal of Hazardous Materials</i> , 2018, 346, 42-51.	6.5	42
34	Enhanced removal of Cr(VI) by biochar with Fe as electron shuttles. <i>Journal of Environmental Sciences</i> , 2019, 78, 109-117.	3.2	42
35	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.	6.5	40
36	PM2.5 induces vascular permeability increase through activating MAPK/ERK signaling pathway and ROS generation. <i>Journal of Hazardous Materials</i> , 2020, 386, 121659.	6.5	39

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37	Sunlight-driven reduction of silver ion to silver nanoparticle by organic matter mitigates the acute toxicity of silver to <i>Daphnia magna</i> . <i>Journal of Environmental Sciences</i> , 2015, 35, 62-68.	3.2	38
38	Single-drop gold nanoparticles for headspace microextraction and colorimetric assay of mercury (II) in environmental waters. <i>Talanta</i> , 2018, 176, 77-84.	2.9	38
39	Estimation of the Major Source and Sink of Methylmercury in the Florida Everglades. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5885-5893.	4.6	37
40	Role of Secondary Particle Formation in the Persistence of Silver Nanoparticles in Humic Acid Containing Water under Light Irradiation. <i>Environmental Science &amp; Technology</i> , 2017, 51, 14164-14172.	4.6	37
41	Mechanism of Accumulation of Methylmercury in Rice ( <i>Oryza sativa</i> L.) in a Mercury Mining Area. <i>Environmental Science &amp; Technology</i> , 2018, 52, 9749-9757.	4.6	36
42	Critical role of natural organic matter in photodegradation of methylmercury in water: Molecular weight and interactive effects with other environmental factors. <i>Science of the Total Environment</i> , 2017, 578, 535-541.	3.9	35
43	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.	2.5	34
44	Scattered Light Imaging Enables Real-Time Monitoring of Label-Free Nanoparticles and Fluorescent Biomolecules in Live Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 14043-14047.	6.6	33
45	Photo- and thermo-chemical transformation of AgCl and Ag <sub>2</sub> S in environmental matrices and its implication. <i>Environmental Pollution</i> , 2017, 220, 955-962.	3.7	32
46	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.	1.6	31
47	Possible alkylation of inorganic Hg(II) by photochemical processes in the environment. <i>Chemosphere</i> , 2012, 88, 8-16.	4.2	30
48	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.	6.6	30
49	Tracking Mercury in Individual <i>Tetrahymena</i> Using a Capillary Single-Cell Inductively Coupled Plasma Mass Spectrometry Online System. <i>Analytical Chemistry</i> , 2020, 92, 622-627.	3.2	30
50	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 &amp; Technology</i> , 2022, 56, 6744-6753.	4.6	30
51	Probing the DOM-mediated photodegradation of methylmercury by using organic ligands with different molecular structures as the DOM model. <i>Water Research</i> , 2018, 138, 264-271.	5.3	29
52	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.	1.9	29
53	Occurrence of monoethylmercury in the Florida Everglades: Identification and verification. <i>Environmental Pollution</i> , 2010, 158, 3378-3384.	3.7	28
54	Environmentally Relevant Freeze-Thaw Cycles Enhance the Redox-Mediated Morphological Changes of Silver Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6928-6935.	4.6	28

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55	Direct chemical vapour generation-flame atomization as interface of high performance liquid chromatography-atomic fluorescence spectrometry for speciation of mercury without using post-column digestion. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1575.	1.6	27
56	Hydroxyl radical formation upon dark oxidation of reduced iron minerals: Effects of iron species and environmental factors. <i>Chinese Chemical Letters</i> , 2019, 30, 2241-2244.	4.8	26
57	Simultaneous size characterization and mass quantification of the in vivo core-biocorona structure and dissolved species of silver nanoparticles. <i>Journal of Environmental Sciences</i> , 2018, 63, 227-235.	3.2	24
58	Speciation of organotin compounds in environmental samples with semi-permanent coated capillaries by capillary electrophoresis coupled with inductively coupled plasma mass spectrometry. <i>Analytical Methods</i> , 2010, 2, 2025.	1.3	23
59	Recent advances in speciation analysis of mercury, arsenic and selenium. <i>Science Bulletin</i> , 2013, 58, 150-161.	1.7	22
60	Tracing aquatic bioavailable Hg in three different regions of China using fish Hg isotopes. <i>Ecotoxicology and Environmental Safety</i> , 2018, 150, 327-334.	2.9	22
61	Natural organic matter inhibits aggregation of few-layered black phosphorus in mono- and divalent electrolyte solutions. <i>Environmental Science: Nano</i> , 2019, 6, 599-609.	2.2	22
62	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.	6.5	22
63	Cadmium-binding proteins in human blood plasma. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109896.	2.9	21
64	Formation of organobromine and organoiodine compounds by engineered TiO <sub>2</sub> nanoparticle-induced photohalogenation of dissolved organic matter in environmental waters. <i>Science of the Total Environment</i> , 2018, 631-632, 158-168.	3.9	20
65	Dithizone-functionalized C18 online solid-phase extraction-HPLC-ICP-MS for speciation of ultra-trace organic and inorganic mercury in cereals and environmental samples. <i>Journal of Environmental Sciences</i> , 2022, 115, 403-410.	3.2	20
66	Freezing Facilitates Formation of Silver Nanoparticles under Natural and Simulated Sunlight Conditions. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13802-13811.	4.6	19
67	Transformation and uptake of silver nanoparticles and silver ions in rice plant ( <i>Oryza sativa</i> L.): the effect of iron plaque and dissolved iron. <i>Environmental Science: Nano</i> , 2020, 7, 599-609.	2.2	19
68	Understanding foliar accumulation of atmospheric Hg in terrestrial vegetation: Progress and challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 4331-4352.	6.6	19
69	Tracing the Transboundary Transport of Mercury to the Tibetan Plateau Using Atmospheric Mercury Isotopes. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1568-1577.	4.6	19
70	Methylation of inorganic mercury by methylcobalamin in aquatic systems. <i>Applied Organometallic Chemistry</i> , 2007, 21, 462-467.	1.7	18
71	Catalytic role of iron in the formation of silver nanoparticles in photo-irradiated Ag <sup>+</sup> -dissolved organic matter solution. <i>Environmental Pollution</i> , 2017, 225, 66-73.	3.7	18
72	Removal of Hg <sup>2+</sup> and methylmercury in waters by functionalized multi-walled carbon nanotubes: adsorption behavior and the impacts of some environmentally relevant factors. <i>Chemical Speciation and Bioavailability</i> , 2017, 29, 161-169.	2.0	18

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73	Analyses of nitrobenzene, benzene and aniline in environmental water samples by headspace solid phase microextraction coupled with gas chromatography-mass spectrometry. <i>Science Bulletin</i> , 2006, 51, 1648-1651.	1.7	17
74	Abiotic formation of organoiodine compounds by manganese dioxide induced iodination of dissolved organic matter. <i>Environmental Pollution</i> , 2018, 236, 672-679.	3.7	17
75	Mitigation of methylmercury production in eutrophic waters by interfacial oxygen nanobubbles. <i>Water Research</i> , 2020, 173, 115563.	5.3	17
76	Significant Enrichment of Engineered Nanoparticles in Water Surface Microlayer. <i>Environmental Science and Technology Letters</i> , 2016, 3, 381-385.	3.9	15
77	Evaluating the role of re-adsorption of dissolved Hg <sup>2+</sup> during cinnabar dissolution using isotope tracer technique. <i>Journal of Hazardous Materials</i> , 2016, 317, 466-475.	6.5	15
78	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.	3.9	15
79	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.	1.3	14
80	Evaluating the blank contamination and recovery of sample pretreatment procedures for analyzing organophosphorus flame retardants in waters. <i>Journal of Environmental Sciences</i> , 2015, 34, 57-62.	3.2	14
81	Decreased bioavailability of both inorganic mercury and methylmercury in anaerobic sediments by sorption on iron sulfide nanoparticles. <i>Journal of Hazardous Materials</i> , 2022, 424, 127399.	6.5	14
82	Weathered Microplastics Induce Silver Nanoparticle Formation. <i>Environmental Science and Technology Letters</i> , 2022, 9, 179-185.	3.9	14
83	Solar-induced generation of singlet oxygen and hydroxyl radical in sewage wastewaters. <i>Environmental Chemistry Letters</i> , 2017, 15, 515-523.	8.3	13
84	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.	3.6	13
85	Terrestrial mercury transformation in the Tibetan Plateau: New evidence from stable isotopes in upland buzzards. <i>Journal of Hazardous Materials</i> , 2020, 400, 123211.	6.5	13
86	Katabatic Wind and Sea-Ice Dynamics Drive Isotopic Variations of Total Gaseous Mercury on the Antarctic Coast. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6449-6458.	4.6	13
87	Dark Reduction of Mercury by Microalgae-Associated Aerobic Bacteria in Marine Environments. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14258-14268.	4.6	13
88	Periphyton as an important source of methylmercury in Everglades water and food web. <i>Journal of Hazardous Materials</i> , 2021, 410, 124551.	6.5	12
89	Determination of methylmercury and inorganic mercury by volatile species generation-flameless/flame atomization-atomic fluorescence spectrometry without chromatographic separation. <i>Analytical Methods</i> , 2012, 4, 1122.	1.3	11
90	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.	6.5	11

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91	Flow field-flow fractionation hyphenated with inductively coupled plasma mass spectrometry: a robust technique for characterization of engineered elemental metal nanoparticles in the environment. <i>Applied Spectroscopy Reviews</i> , 2023, 58, 110-131.	3.4	11
92	Long-term investigation of heavy metal variations in mollusks along the Chinese Bohai Sea. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113443.	2.9	11
93	Length and diameter-dependent phagocytosis and cytotoxicity of long silver nanowires in macrophages. <i>Chemosphere</i> , 2019, 237, 124565.	4.2	10
94	Fate of mercury and methylmercury in full-scale sludge anaerobic digestion combined with thermal hydrolysis. <i>Journal of Hazardous Materials</i> , 2021, 406, 124310.	6.5	10
95	Different circulation history of mercury in aquatic biota from King George Island of the Antarctic. <i>Environmental Pollution</i> , 2019, 250, 892-897.	3.7	9
96	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.	3.2	9
97	Revisiting the forms of trace elements in biogeochemical cycling: Analytical needs and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 129, 115953.	5.8	9
98	Identification of mercury methylation product by tert-butyl compounds in aqueous solution under light irradiation. <i>Marine Pollution Bulletin</i> , 2015, 98, 40-46.	2.3	8
99	Mutual detoxification of mercury and selenium in unicellular <i>Tetrahymena</i> . <i>Journal of Environmental Sciences</i> , 2018, 68, 143-150.	3.2	8
100	Gaseous Elemental Mercury [Hg(0)] Oxidation in Poplar Leaves through a Two-Step Single-Electron Transfer Process. <i>Environmental Science and Technology Letters</i> , 2021, 8, 1098-1103.	3.9	8
101	Particle-Bound Hg(II) is Available for Microbial Uptake as Revealed by a Whole-Cell Biosensor. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6754-6764.	4.6	8
102	Ultra-long silver nanowires induced mitotic abnormalities and cytokinetic failure in A549 cells. <i>Nanotoxicology</i> , 2019, 13, 543-557.	1.6	7
103	Tracking the dissolution behavior of zinc oxide nanoparticles in skimmed milk powder solutions. <i>Food Chemistry</i> , 2021, 365, 130520.	4.2	7
104	Administration of Silver Nasal Spray Leads to Nanoparticle Accumulation in Rat Brain Tissues. <i>Environmental Science &amp; Technology</i> , 2022, 56, 403-413.	4.6	7
105	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.	0.5	6
106	Identification of photochemical methylation products of tin(II) in aqueous solutions using headspace SPME coupled with GC-FPD or GC-MS. <i>Analytical Methods</i> , 2012, 4, 2109.	1.3	6
107	Acute and Sublethal Effects of Ethylmercury Chloride on Chinese Rare Minnow ( <i>Gobiocypris rarus</i> ): Accumulation, Elimination, and Histological Changes. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 708-713.	1.3	6
108	Identification of mercury-containing nanoparticles in the liver and muscle of cetaceans. <i>Journal of Hazardous Materials</i> , 2022, 424, 127759.	6.5	6

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109	Challenges for utilization and management of crop straw from Cd-contaminated soil. <i>Soil Use and Management</i> , 2022, 38, 1337-1339.	2.6	6
110	Occurrence and leaching of silver in municipal sewage sludge in China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109929.	2.9	5
111	In Situ Tracking Photodegradation of Trace Graphene Oxide by the Online Coupling of Photoinduced Chemical Vapor Generation with a Point Discharge Optical Emission Spectrometer. <i>Analytical Chemistry</i> , 2020, 92, 1549-1556.	3.2	4
112	Dissolved organic matter-mediated reduction of ionic Au(III) to elemental Au nanoparticles and their growth to visible granules. <i>Chinese Chemical Letters</i> , 2020, 31, 1970-1973.	4.8	4
113	On-line determination of soluble Zn content and size of the residual fraction in PM2.5 incubated in various aqueous media. <i>Science of the Total Environment</i> , 2020, 724, 138309.	3.9	4
114	Unified Probability Distribution and Dynamics of Lead Contents in Human Erythrocytes Revealed by Single-Cell Analysis. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3819-3826.	4.6	4
115	Mercury Inputs Into Eastern China Seas Revealed by Mercury Isotope Variations in Sediment Cores. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016891.	1.0	4
116	High-Throughput Single Cell Analysis Reveals the Heterogeneity of QDots-Induced Response in Macrophages. <i>Environmental Science and Technology Letters</i> , 2020, 7, 337-342.	3.9	2
117	Catalytic Oxidation of Arsenic in Water by Silver Nanoparticles. <i>Acta Chimica Sinica</i> , 2018, 76, 387.	0.5	2
118	Occurrence of silver-containing particles in rat brains upon intranasal exposure of silver nanoparticles. <i>Metallomics</i> , 2022, 14, .	1.0	2
119	Characterization of nanoparticles using coupled gel immobilization and label-free optical imaging. <i>Chemical Communications</i> , 2021, 57, 13016-13019.	2.2	1
120	Binding characteristics of Hg(II) with extracellular polymeric substances: implications for Hg(II) reactivity within periphyton. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	1