

Guibin Jiang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

577
papers

19,219
citations

67
h-index

111
g-index

622
ext. papers

23,979
ext. citations

9.2
avg, IF

7.21
L-index

#	Paper	IF	Citations
577	Nuclear m(6)A Reader YTHDC1 Regulates mRNA Splicing. <i>Molecular Cell</i> , 2016 , 61, 507-519	17.6	847
576	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
575	Chemical basis of interactions between engineered nanoparticles and biological systems. <i>Chemical Reviews</i> , 2014 , 114, 7740-81	68.1	398
574	High levels of heavy metals in rice (<i>Oryza sativa</i> L.) from a typical E-waste recycling area in southeast China and its potential risk to human health. <i>Chemosphere</i> , 2008 , 71, 1269-75	8.4	385
573	m(6)A RNA methylation is regulated by microRNAs and promotes reprogramming to pluripotency. <i>Cell Stem Cell</i> , 2015 , 16, 289-301	18	367
572	5-methylcytosine promotes mRNA export - NSUN2 as the methyltransferase and ALYREF as an mC reader. <i>Cell Research</i> , 2017 , 27, 606-625	24.7	358
571	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
570	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
569	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
568	Polybrominated diphenyl ether in the East Asian environment: a critical review. <i>Environment International</i> , 2007 , 33, 963-73	12.9	204
567	Sunlight-induced reduction of ionic Ag and Au to metallic nanoparticles by dissolved organic matter. <i>ACS Nano</i> , 2012 , 6, 7910-9	16.7	203
566	Graphene oxide induces toll-like receptor 4 (TLR4)-dependent necrosis in macrophages. <i>ACS Nano</i> , 2013 , 7, 5732-45	16.7	203
565	Occurrence and profiles of bisphenol analogues in municipal sewage sludge in China. <i>Environmental Pollution</i> , 2014 , 186, 14-9	9.3	200
564	Studies on the toxicological effects of PFOA and PFOS on rats using histological observation and chemical analysis. <i>Archives of Environmental Contamination and Toxicology</i> , 2009 , 56, 338-49	3.2	196
563	An Imperative Need for Research on the Role of Environmental Factors in Transmission of Novel Coronavirus (COVID-19). <i>Environmental Science & Technology</i> , 2020 , 54, 3730-3732	10.3	178
562	Research progress of heavy metal pollution in China: Sources, analytical methods, status, and toxicity. <i>Science Bulletin</i> , 2013 , 58, 134-140		171
561	Use of scalp hair as indicator of human exposure to heavy metals in an electronic waste recycling area. <i>Environmental Pollution</i> , 2009 , 157, 2445-51	9.3	165

560	Identification of Novel Polyfluorinated Ether Sulfonates as PFOS Alternatives in Municipal Sewage Sludge in China. <i>Environmental Science & Technology</i> , 2015 , 49, 6519-27	10.3	147
559	Hollow fiber supported ionic liquid membrane microextraction for determination of sulfonamides in environmental water samples by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 6259-66	4.5	141
558	Effects of silver nanoparticles on the development and histopathology biomarkers of Japanese medaka (<i>Oryzias latipes</i>) using the partial-life test. <i>Aquatic Toxicology</i> , 2010 , 100, 160-7	5.1	138
557	Spatial and vertical distribution of short chain chlorinated paraffins in soils from wastewater irrigated farmlands. <i>Environmental Science & Technology</i> , 2011 , 45, 2100-6	10.3	133
556	Distribution and trophic transfer of short-chain chlorinated paraffins in an aquatic ecosystem receiving effluents from a sewage treatment plant. <i>Environmental Science & Technology</i> , 2011 , 45, 5529-35	10.3	131
555	METTL3-mediated m6A modification is required for cerebellar development. <i>PLoS Biology</i> , 2018 , 16, e2004880	9.7	128
554	Occurrence, fate, and risk assessment of typical tetracycline antibiotics in the aquatic environment: A review. <i>Science of the Total Environment</i> , 2021 , 753, 141975	10.2	121
553	Silver nanoparticles induced RNA polymerase-silver binding and RNA transcription inhibition in erythroid progenitor cells. <i>ACS Nano</i> , 2013 , 7, 4171-86	16.7	116
552	Photo-induced chemical-vapor generation for sample introduction in atomic spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1672-1684	14.6	109
551	Organophosphate Esters in Sediment of the Great Lakes. <i>Environmental Science & Technology</i> , 2017 , 51, 1441-1449	10.3	107
550	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
549	Distribution of perfluorooctane sulfonate and other perfluorochemicals in the ambient environment around a manufacturing facility in China. <i>Environmental Science & Technology</i> , 2010 , 44, 8062-7	10.3	102
548	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14488-14493	16.4	101
547	Concentrations, profiles and gas-particle partitioning of PCDD/Fs, PCBs and PBDEs in the ambient air of an E-waste dismantling area, southeast China. <i>Science Bulletin</i> , 2008 , 53, 521-528		100
546	Quantification of the uptake of silver nanoparticles and ions to HepG2 cells. <i>Environmental Science & Technology</i> , 2013 , 47, 3268-74	10.3	99
545	Tuning cell autophagy by diversifying carbon nanotube surface chemistry. <i>ACS Nano</i> , 2014 , 8, 2087-99	16.7	96
544	Differential accumulation and elimination behavior of perfluoroalkyl Acid isomers in occupational workers in a manufactory in China. <i>Environmental Science & Technology</i> , 2015 , 49, 6953-62	10.3	96
543	Triton X-114 based cloud point extraction: a thermoreversible approach for separation/concentration and dispersion of nanomaterials in the aqueous phase. <i>Chemical Communications</i> , 2009 , 1514-6	5.8	96

542	Advanced Materials, Technologies, and Complex Systems Analyses: Emerging Opportunities to Enhance Urban Water Security. <i>Environmental Science & Technology</i> , 2017 , 51, 10274-10281	10.3	93
541	Organotin pollution in China: an overview of the current state and potential health risk. <i>Journal of Environmental Management</i> , 2009 , 90 Suppl 1, S16-24	7.9	90
540	Short chain chlorinated paraffins in mollusks from coastal waters in the Chinese Bohai Sea. <i>Environmental Science & Technology</i> , 2012 , 46, 6489-96	10.3	88
539	Polybrominated diphenyl ethers and organochlorine pesticides in sewage sludge of wastewater treatment plants in China. <i>Chemosphere</i> , 2007 , 68, 1683-91	8.4	88
538	Particle coating-dependent interaction of molecular weight fractionated natural organic matter: impacts on the aggregation of silver nanoparticles. <i>Environmental Science & Technology</i> , 2015 , 49, 6581-9	10.3	87
537	A review of organophosphate flame retardants and plasticizers in the environment: Analysis, occurrence and risk assessment. <i>Science of the Total Environment</i> , 2020 , 731, 139071	10.2	87
536	Chlorinated Polyfluoroalkyl Ether Sulfonic Acids in Marine Organisms from Bohai Sea, China: Occurrence, Temporal Variations, and Trophic Transfer Behavior. <i>Environmental Science & Technology</i> , 2017 , 51, 4407-4414	10.3	86
535	Spatial distributions and deposition chronology of short chain chlorinated paraffins in marine sediments across the Chinese Bohai and Yellow Seas. <i>Environmental Science & Technology</i> , 2013 , 47, 11449-56	10.3	86
534	Elemental selenium particles at nano-size (Nano-Se) are more toxic to Medaka (<i>Oryzias latipes</i>) as a consequence of hyper-accumulation of selenium: a comparison with sodium selenite. <i>Aquatic Toxicology</i> , 2008 , 89, 251-6	5.1	85
533	Preparation of single-walled carbon nanotube fiber coating for solid-phase microextraction of organochlorine pesticides in lake water and wastewater. <i>Journal of Separation Science</i> , 2007 , 30, 2138-43 ^{3,4}	3.4	85
532	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
531	Assessing developmental toxicity and estrogenic activity of halogenated bisphenol A on zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2014 , 112, 275-81	8.4	84
530	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
529	Nanomaterials for analysis and monitoring of emerging chemical pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 58, 10-22	14.6	83
528	PFOS induced lipid metabolism disturbances in BALB/c mice through inhibition of low density lipoproteins excretion. <i>Scientific Reports</i> , 2014 , 4, 4582	4.9	82
527	Silver nanoparticles induced neurotoxicity through oxidative stress in rat cerebral astrocytes is distinct from the effects of silver ions. <i>NeuroToxicology</i> , 2016 , 52, 210-21	4.4	80
526	Steering carbon nanotubes to scavenger receptor recognition by nanotube surface chemistry modification partially alleviates NFB activation and reduces its immunotoxicity. <i>ACS Nano</i> , 2011 , 5, 4581-91	16.7	76
525	Temporal Trends and Pattern Changes of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals from the South China Sea over the Past Decade. <i>Environmental Science & Technology</i> , 2015 , 49, 11348-55	10.3	75

524	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
523	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
522	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
521	High-resolution mass spectrometry (HRMS) methods for nontarget discovery and characterization of poly- and per-fluoroalkyl substances (PFASs) in environmental and human samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 121, 115420	14.6	73
520	Cloud point extraction coupled with HPLC-UV for the determination of phthalate esters in environmental water samples. <i>Journal of Environmental Sciences</i> , 2007 , 19, 874-8	6.4	72
519	Occurrence, temporal trends, and half-lives of perfluoroalkyl acids (PFAAs) in occupational workers in China. <i>Scientific Reports</i> , 2016 , 6, 38039	4.9	71
518	Photoreduction and stabilization capability of molecular weight fractionated natural organic matter in transformation of silver ion to metallic nanoparticle. <i>Environmental Science & Technology</i> , 2014 , 48, 9366-73	10.3	70
517	Summer-winter concentrations and gas-particle partitioning of short chain chlorinated paraffins in the atmosphere of an urban setting. <i>Environmental Pollution</i> , 2012 , 171, 38-45	9.3	69
516	Distribution of short chain chlorinated paraffins in marine sediments of the East China Sea: influencing factors, transport and implications. <i>Environmental Science & Technology</i> , 2012 , 46, 9898-906	10.3	69
515	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
514	Associated Detection of Superoxide Anion and Mercury(II) under Chronic Mercury Exposure in Cells and Mice Models via a Three-Channel Fluorescent Probe. <i>Analytical Chemistry</i> , 2018 , 90, 9769-9778	7.8	68
513	Influence of the Surface Functional Group Density on the Carbon-Nanotube-Induced EChymotrypsin Structure and Activity Alterations. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 18880-90	9.5	67
512	Evaluation of the in vitro estrogenicity of emerging bisphenol analogs and their respective estrogenic contributions in municipal sewage sludge in China. <i>Chemosphere</i> , 2015 , 124, 150-5	8.4	67
511	Spatial and seasonal variations of organochlorine compounds in air on an urban-rural transect across Tianjin, China. <i>Chemosphere</i> , 2010 , 78, 92-8	8.4	67
510	Effective Surface Charge Density Determines the Electrostatic Attraction between Nanoparticles and Cells. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 4993-4998	3.8	66
509	Tris(2,3-dibromopropyl) isocyanurate, hexabromocyclododecanes, and polybrominated diphenyl ethers in mollusks from Chinese Bohai Sea. <i>Environmental Science & Technology</i> , 2012 , 46, 7174-81	10.3	66
508	Levels and distribution patterns of short chain chlorinated paraffins in sewage sludge of wastewater treatment plants in China. <i>Environmental Pollution</i> , 2012 , 160, 88-94	9.3	64
507	Chlorinated Polyfluorinated Ether Sulfonates Exhibit Higher Activity toward Peroxisome Proliferator-Activated Receptors Signaling Pathways than Perfluorooctanesulfonate. <i>Environmental Science & Technology</i> , 2018 , 52, 3232-3239	10.3	63

506	Stable silver isotope fractionation in the natural transformation process of silver nanoparticles. <i>Nature Nanotechnology</i> , 2016 , 11, 682-6	28.7	63
505	Elemental mercury: Its unique properties affect its behavior and fate in the environment. <i>Environmental Pollution</i> , 2017 , 229, 69-86	9.3	62
504	Developmental toxicity of synthetic phenolic antioxidants to the early life stage of zebrafish. <i>Science of the Total Environment</i> , 2018 , 643, 559-568	10.2	62
503	Behavior, fate, and mass loading of short chain chlorinated paraffins in an advanced municipal sewage treatment plant. <i>Environmental Science & Technology</i> , 2013 , 47, 732-40	10.3	62
502	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
501	Sources and environmental behaviors of Dechlorane Plus and related compounds - A review. <i>Environment International</i> , 2016 , 88, 206-220	12.9	61
500	External Exposure to Short- and Medium-Chain Chlorinated Paraffins for the General Population in Beijing, China. <i>Environmental Science & Technology</i> , 2018 , 52, 32-39	10.3	61
499	Prenatal Exposure to Per- and Polyfluoroalkyl Substances (PFASs) and Association between the Placental Transfer Efficiencies and Dissociation Constant of Serum Proteins-PFAS Complexes. <i>Environmental Science & Technology</i> , 2019 , 53, 6529-6538	10.3	60
498	N and Ti ³⁺ co-doped 3D anatase TiO ₂ superstructures composed of ultrathin nanosheets with enhanced visible light photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 22073-22080	13	60
497	Determination of nine benzotriazole UV stabilizers in environmental water samples by automated on-line solid phase extraction coupled with high-performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2014 , 120, 158-66	6.2	60
496	Current levels and composition profiles of emerging halogenated flame retardants and dehalogenated products in sewage sludge from municipal wastewater treatment plants in China. <i>Environmental Science & Technology</i> , 2014 , 48, 12586-94	10.3	60
495	Occurrence of polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls pollution in sediments from the Haihe River and Dagu Drainage River in Tianjin City, China. <i>Chemosphere</i> , 2007 , 68, 1772-8	8.4	60
494	Occurrence of synthetic phenolic antioxidants and major metabolites in municipal sewage sludge in China. <i>Environmental Science & Technology</i> , 2015 , 49, 2073-80	10.3	59
493	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
492	Submonolayer-Pt-Coated Ultrathin Au Nanowires and Their Self-Organized Nanoporous Film: SERS and Catalysis Active Substrates for Operando SERS Monitoring of Catalytic Reactions. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 969-75	6.4	58
491	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
490	Oral Exposure to Silver Nanoparticles or Silver Ions May Aggravate Fatty Liver Disease in Overweight Mice. <i>Environmental Science & Technology</i> , 2017 , 51, 9334-9343	10.3	57
489	Serum concentration of bisphenol analogues in pregnant women in China. <i>Science of the Total Environment</i> , 2020 , 707, 136100	10.2	57

488	Three-year monitoring of atmospheric PCBs and PBDEs at the Chinese Great Wall Station, West Antarctica: Levels, chiral signature, environmental behaviors and source implication. <i>Atmospheric Environment</i> , 2017 , 150, 407-416	5.3	54
487	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	68.1	54
486	Synthetic Phenolic Antioxidants Cause Perturbation in Steroidogenesis in Vitro and in Vivo. <i>Environmental Science & Technology</i> , 2018 , 52, 850-858	10.3	54
485	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
484	Excretion of PFOA and PFOS in male rats during a subchronic exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 58, 205-13	3.2	53
483	Identification and accurate size characterization of nanoparticles in complex media. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14476-9	16.4	52
482	PCBs and PBDEs in environmental samples from King George Island and Ardley Island, Antarctica. <i>RSC Advances</i> , 2012 , 2, 1350-1355	3.7	52
481	Selection of bioindicators of polybrominated diphenyl ethers, polychlorinated biphenyls, and organochlorine pesticides in mollusks in the Chinese Bohai Sea. <i>Environmental Science & Technology</i> , 2008 , 42, 7159-65	10.3	52
480	Evaluation of the extraction methods for arsenic speciation in rice straw, <i>Oryza sativa</i> L., and analysis by HPLC-HG-AFS. <i>Journal of Analytical Atomic Spectrometry</i> , 2005 , 20, 103	3.7	52
479	In vivo metabolism of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) in young whole pumpkin plant. <i>Environmental Science & Technology</i> , 2013 , 47, 3701-7	10.3	51
478	Solid-phase extraction of sulfonylurea herbicides from water samples with single-walled carbon nanotubes disk. <i>Mikrochimica Acta</i> , 2009 , 164, 431-438	5.8	51
477	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
476	Headspace Solid-Phase Microextraction Coupled to Miniaturized Microplasma Optical Emission Spectrometry for Detection of Mercury and Lead. <i>Analytical Chemistry</i> , 2018 , 90, 3683-3691	7.8	50
475	Simultaneous qualitative and quantitative analysis of fluoroalkyl sulfonates in riverine water by liquid chromatography coupled with Orbitrap high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1435, 66-74	4.5	50
474	Mildly oxidized graphene: facile synthesis, characterization, and application as a matrix in MALDI mass spectrometry. <i>Chemistry - A European Journal</i> , 2013 , 19, 5561-5	4.8	50
473	Simultaneous conduction of two- and three-phase hollow-fiber-based liquid-phase microextraction for the determination of aromatic amines in environmental water samples. <i>Journal of Chromatography A</i> , 2009 , 1216, 756-62	4.5	50
472	Elemental Mass Size Distribution for Characterization, Quantification and Identification of Trace Nanoparticles in Serum and Environmental Waters. <i>Environmental Science & Technology</i> , 2017 , 51, 3892-3901	10.3	49
471	Water chemistry controlled aggregation and photo-transformation of silver nanoparticles in environmental waters. <i>Journal of Environmental Sciences</i> , 2015 , 34, 116-25	6.4	49

470	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	3.7	49
469	Evaluation of extraction methods for arsenic speciation in polluted soil and rotten ore by HPLC-HG-AFS analysis. <i>Mikrochimica Acta</i> , 2007 , 159, 175-182	5.8	49
468	Occurrence, fate and risk assessment of BPA and its substituents in wastewater treatment plant: A review. <i>Environmental Research</i> , 2019 , 178, 108732	7.9	48
467	Occurrence of synthetic phenolic antioxidants and transformation products in urban and rural indoor dust. <i>Environmental Pollution</i> , 2017 , 221, 227-233	9.3	47
466	Screening of Toxic Chemicals in a Single Drop of Human Whole Blood Using Ordered Mesoporous Carbon as a Mass Spectrometry Probe. <i>Analytical Chemistry</i> , 2016 , 88, 4107-13	7.8	47
465	Rethinking Stability of Silver Sulfide Nanoparticles (Ag ₂ S-NPs) in the Aquatic Environment: Photoinduced Transformation of Ag ₂ S-NPs in the Presence of Fe(III). <i>Environmental Science & Technology</i> , 2016 , 50, 188-96	10.3	47
464	Phthalate esters in indoor dust from several regions, China and their implications for human exposure. <i>Science of the Total Environment</i> , 2019 , 652, 1187-1194	10.2	47
463	Analytical methodology for identification of novel per- and polyfluoroalkyl substances in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 95, 122-131	14.6	46
462	Sample preparation method for the speciation of polybrominated diphenyl ethers and their methoxylated and hydroxylated analogues in diverse environmental matrices. <i>Talanta</i> , 2012 , 88, 669-76	6.2	46
461	In vivo biotransformation of 3,3',4,4'-tetrachlorobiphenyl by whole plants-poplars and switchgrass. <i>Environmental Science & Technology</i> , 2009 , 43, 7503-9	10.3	46
460	The presence of polychlorinated biphenyls in yellow pigment products in China with emphasis on 3,3'-dichlorobiphenyl (PCB 11). <i>Chemosphere</i> , 2014 , 98, 44-50	8.4	45
459	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
458	Occurrence of organochlorine pesticides in the environmental matrices from King George Island, west Antarctica. <i>Environmental Pollution</i> , 2015 , 206, 142-9	9.3	44
457	Low temperature synthesized ultrathin Fe ₂ O ₃ nanosheets show similar adsorption behaviour for As(III) and As(V). <i>Journal of Materials Chemistry A</i> , 2016 , 4, 7606-7614	13	44
456	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
455	Fluorographene as a Mass Spectrometry Probe for High-Throughput Identification and Screening of Emerging Chemical Contaminants in Complex Samples. <i>Analytical Chemistry</i> , 2017 , 89, 1307-1314	7.8	43
454	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, 8441-7	7.8	43
453	Exposure to Bisphenol AF disrupts sex hormone levels and vitellogenin expression in zebrafish. <i>Environmental Toxicology</i> , 2016 , 31, 285-94	4.2	43

452	Formation of Nanosilver from Silver Sulfide Nanoparticles in Natural Waters by Photoinduced Fe(II, III) Redox Cycling. <i>Environmental Science & Technology</i> , 2016 , 50, 13342-13350	10.3	43
451	Quantification of short- and medium-chain chlorinated paraffins in environmental samples by gas chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1452, 98-106	4.5	43
450	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
449	Identification of Novel Hydrogen-Substituted Polyfluoroalkyl Ether Sulfonates in Environmental Matrices near Metal-Plating Facilities. <i>Environmental Science & Technology</i> , 2017 , 51, 11588-11596	10.3	42
448	Polychlorinated biphenyls (PCBs) and polybrominated biphenyl ethers (PBDEs) in environmental samples from Ny-Ålesund and London Island, Svalbard, the Arctic. <i>Chemosphere</i> , 2015 , 126, 40-6	8.4	42
447	Atomic-Level-Designed Catalytically Active Palladium Atoms on Ultrathin Gold Nanowires. <i>Advanced Materials</i> , 2017 , 29, 1604571	24	41
446	Human impacts on polycyclic aromatic hydrocarbon distribution in Chinese intertidal zones. <i>Nature Sustainability</i> , 2020 , 3, 878-884	22.1	41
445	Chemical multi-fingerprinting of exogenous ultrafine particles in human serum and pleural effusion. <i>Nature Communications</i> , 2020 , 11, 2567	17.4	41
444	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
443	Presence and human exposure assessment of organophosphate flame retardants (OPEs) in indoor dust and air in Beijing, China. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 383-391	7	40
442	The rise of stem cell toxicology. <i>Environmental Science & Technology</i> , 2015 , 49, 5847-8	10.3	39
441	Source and migration of short-chain chlorinated paraffins in the coastal East China Sea using multiproxies of marine organic geochemistry. <i>Environmental Science & Technology</i> , 2013 , 47, 5013-22	10.3	39
440	The potential neurotoxicity of emerging tetrabromobisphenol A derivatives based on rat pheochromocytoma cells. <i>Chemosphere</i> , 2016 , 154, 194-203	8.4	39
439	Ultrasensitive Determination of Tetrabromobisphenol A by Covalent Organic Framework Based Solid Phase Microextraction Coupled with Constant Flow Desorption Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 772-775	7.8	39
438	In situ remediation of subsurface contamination: opportunities and challenges for nanotechnology and advanced materials. <i>Environmental Science: Nano</i> , 2019 , 6, 1283-1302	7.1	38
437	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	11	38
436	E-waste Recycling in China: A Challenging Field. <i>Environmental Science & Technology</i> , 2018 , 52, 6727-6738	10.3	38
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