John Giesy

List of Publications by Year
in descending order

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829 papers	48,385 citations	2440 100 h-index	4741 175 g-index
840 all docs	840 docs citations	840 times ranked	30771 citing authors

#	Article	IF	Citations
1	Assessment of combined exposures to multiple chemicals: pesticides, metals, and polycyclic aromatic hydrocarbons levels in fig fruits. International Journal of Environmental Analytical Chemistry, 2024, 104, 827-846.	1.8	2
2	Effect-directed identification of novel aryl hydrocarbon receptor-active aromatic compounds in coastal sediments collected from a highly industrialized area. Science of the Total Environment, 2022, 803, 149969.	3.9	10
3	RNA metabarcoding helps reveal zooplankton community response to environmental stressors. Environmental Pollution, 2022, 292, 118446.	3.7	2
4	Combined effects of degradable film fragments and micro/nanoplastics on growth of wheat seedling and rhizosphere microbes. Environmental Pollution, 2022, 294, 118516.	3.7	22
5	Microfibers Released into the Air from a Household Tumble Dryer. Environmental Science and Technology Letters, 2022, 9, 120-126.	3.9	37
6	Lavandula dentata L.: Phytochemical Analysis, Antioxidant, Antifungal and Insecticidal Activities of Its Essential Oil. Plants, 2022, 11, 311.	1.6	28
7	Identification of novel polar aryl hydrocarbon receptor agonists accumulated in liver of black-tailed gulls in Korea using advanced effect-directed analysis. Journal of Hazardous Materials, 2022, 429, 128305.	6.5	5
8	Antioxidant and Antimicrobial Activities of Chemically-Characterized Essential Oil from Artemisia aragonensis Lam. against Drug-Resistant Microbes. Molecules, 2022, 27, 1136.	1.7	34
9	Role of endocrine disruption in toxicity of 6-benzylaminopurine (6-BA) to early-life stages of Zebrafish. Ecotoxicology and Environmental Safety, 2022, 232, 113287.	2.9	3
10	Antioxidant, Antimicrobial, and Insecticidal Properties of a Chemically Characterized Essential Oil from the Leaves of Dittrichia viscosa L.. Molecules, 2022, 27, 2282.	1.7	17
11	A framework for assessing freshwater vulnerability along China's Belt and Road Initiative: An exposure, sensitivity and adaptive capacity approach. Environmental Science and Policy, 2022, 132, 247-261.	2.4	1
12	Organophosphate esters in agro-foods: Occurrence, sources and emerging challenges. Science of the Total Environment, 2022, 827, 154271.	3.9	18
13	Effects of in situ experimental selenium exposure on finescale dace (Phoxinus neogaeus) gut microbiome. Environmental Research, 2022, 212, 113151.	3.7	5
14	Essential Oils from Leaves of Juniperus thurifera L., Exhibiting Antioxidant, Antifungal and Antibacterial Activities against Antibiotic-Resistant Microbes. Horticulturae, 2022, 8, 321.	1.2	12
15	Identification of AhR agonists in sediments of the Bohai and Yellow Seas using advanced effect-directed analysis and in silico prediction. Journal of Hazardous Materials, 2022, 435, 128908.	6.5	4
16	Best available technique for the recovery of marine benthic communities in a gravel shore after the oil spill: A mesocosm-based sediment triad assessment. Journal of Hazardous Materials, 2022, 435, 128945.	6.5	2
17	A novel passive sampling and sequential extraction approach to investigate desorption kinetics of emerging organic contaminants at the sedimentâˆ’water interface. Water Research, 2022, 217, 118455.	5.3	7
18	Comparison of primary and secondary sludge carbon sources derived from hydrolysis or acidogenesis for nitrate reduction and denitrification kinetics: Organics utilization and microbial community shift. Environmental Research, 2022, 212, 113403.	3.7	12

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19	Physicochemical Characterization and Assessment of Magnitude of Pollution to Contribute to Water Sustainability. Sustainability, 2022, 14, 6689.	1.6	1
20	Organophosphate esters cause thyroid dysfunction via multiple signaling pathways in zebrafish brain. Environmental Science and Ecotechnology, 2022, 12, 100198.	6.7	14
21	Next generation per- and poly-fluoroalkyl substances: Status and trends, aquatic toxicity, and risk assessment. , 2022, 1, 117-131.		45
22	miR-155 influences cell-mediated immunity in Balb/c mice treated with aflatoxin M₁. Drug and Chemical Toxicology, 2021, 44, 39-46.	1.2	7
23	Identification of potential toxicants in sediments from an industrialized area in Pohang, South Korea: Application of a cell viability assay of microalgae using flow cytometry. Journal of Hazardous Materials, 2021, 405, 124230.	6.5	14
24	Consequences of a short-term exposure to a sub lethal concentration of CdO nanoparticles on key life history traits in the fruit fly (Drosophila melanogaster). Journal of Hazardous Materials, 2021, 410, 124671.	6.5	25
25	Challenges of using blooms of Microcystis spp. in animal feeds: A comprehensive review of nutritional, toxicological and microbial health evaluation. Science of the Total Environment, 2021, 764, 142319.	3.9	97
26	Residues levels of pesticides in walnuts of Iran and associated health risks. Human and Ecological Risk Assessment (HERA), 2021, 27, 191-204.	1.7	18
27	Ractopamine and Other Growth-Promoting Compounds in Beef Cattle Operations: Fate and Transport in Feedlot Pens and Adjacent Environments. Environmental Science & Technology, 2021, 55, 1730-1739.	4.6	17
28	Optimization of QuEChERS extraction of steroid hormones from infant formulae for mass spectrometric analysis. Toxicological and Environmental Chemistry, 2021, 103, 1-17.	0.6	6
29	Polycyclic aromatic hydrocarbons, pesticides, and metals in olive: analysis and probabilistic risk assessment. Environmental Science and Pollution Research, 2021, 28, 39723-39741.	2.7	25
30	Fighting against the second wave of COVID-19: Can honeybee products help protect against the pandemic?. Saudi Journal of Biological Sciences, 2021, 28, 1519-1527.	1.8	37
31	Combined cytotoxicity of polystyrene nanoplastics and phthalate esters on human lung epithelial A549 cells and its mechanism. Ecotoxicology and Environmental Safety, 2021, 213, 112041.	2.9	82
32	Transmission of SARS-CoV-2 virus and ambient temperature: a critical review. Environmental Science and Pollution Research, 2021, 28, 37051-37059.	2.7	6
33	Environmental DNA of preservative ethanol performed better than water samples in detecting macroinvertebrate diversity using metabarcoding. Diversity and Distributions, 2021, 27, 1989-2002.	1.9	11
34	Difference in performance and mechanism for methylene blue when TiO2 nanoparticles are converted to nanotubes. Journal of Cleaner Production, 2021, 297, 126498.	4.6	15
35	Pesticides, metals, and polycyclic aromatic hydrocarbons in date fruits: A probabilistic assessment of risk to health of Iranian consumers. Journal of Food Composition and Analysis, 2021, 98, 103815.	1.9	24
36	Remodeling of Arctic char (Salvelinus alpinus) lipidome under a stimulated scenario of Arctic warming. Global Change Biology, 2021, 27, 3282-3298.	4.2	3

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37	In memory of Dr. Doris Au (29 April 1965â€“7 February 2020). Marine Pollution Bulletin, 2021, 167, 112278.	2.3	0
38	Molecular mechanisms of zooplanktonic toxicity in the okadaic acid-producing dinoflagellate Prorocentrum lima. Environmental Pollution, 2021, 279, 116942.	3.7	10
39	Exposure to short-chain chlorinated paraffins inhibited PPARÎ±-mediated fatty acid oxidation and stimulated aerobic glycolysis in vitro in human cells. Science of the Total Environment, 2021, 772, 144957.	3.9	12
40	Effects of acute exposure to microcystins on hypothalamic-pituitary-adrenal (HPA), -gonad (HPG) and -thyroid (HPT) axes of female rats. Science of the Total Environment, 2021, 778, 145196.	3.9	29
41	Ecotoxicological risk assessment of metal cocktails based on maximum cumulative ratio during multi-generational exposures. Water Research, 2021, 200, 117274.	5.3	8
42	Novel polar AhR-active chemicals detected in sediments of an industrial area using effect-directed analysis based on in vitro bioassays with full-scan high resolution mass spectrometric screening. Science of the Total Environment, 2021, 779, 146566.	3.9	15
43	Using zooplankton metabarcoding to assess the efficacy of different techniques to clean-up an oil-spill in a boreal lake. Aquatic Toxicology, 2021, 236, 105847.	1.9	2
44	Hotpots and trends of covalent organic frameworks (COFs) in the environmental and energy field: Bibliometric analysis. Science of the Total Environment, 2021, 783, 146838.	3.9	42
45	Toxicokinetic Models for Bioconcentration of Organic Contaminants in Two Life Stages of White Sturgeon (Acipenser transmontanus). Environmental Science & Technology, 2021, 55, 11590-11600.	4.6	5
46	Health status of fathead minnow (Pimephales promelas) populations in a municipal wastewater effluent-dominated stream in the Canadian prairies, Wascana Creek, Saskatchewan. Aquatic Toxicology, 2021, 238, 105933.	1.9	3
47	Prefertilization Exposure of Rainbow Trout Eggs to Perâ€•and Polyfluoroalkyl Substances to Simulate Accumulation During Oogenesis. Environmental Toxicology and Chemistry, 2021, 40, 3159-3165.	2.2	2
48	Life Cycle Exposure to Environmentally Relevant Concentrations of Diphenyl Phosphate (DPhP) Inhibits Growth and Energy Metabolism of Zebrafish in a Sex-Specific Manner. Environmental Science & Technology, 2021, 55, 13122-13131.	4.6	6
49	Comparison of approaches to quantify SARS-CoV-2 in wastewater using RT-qPCR: Results and implications from a collaborative inter-laboratory study in Canada. Journal of Environmental Sciences, 2021, 107, 218-229.	3.2	91
50	Reproductive toxicity and metabolic perturbations in male rats exposed to boron. Science of the Total Environment, 2021, 785, 147370.	3.9	14
51	Exposure to organophosphate esters in elderly people: Relationships of OPE body burdens with indoor air and dust concentrations and food consumption. Environment International, 2021, 157, 106803.	4.8	33
52	Insights into the Influence of Natural Retinoic Acids on Imposex Induction in Female Marine Gastropods in the Coastal Environment. Environmental Science and Technology Letters, 2021, 8, 1002-1008.	3.9	3
53	Temporal Patterns of Bacterial and Viral Communities during Algae Blooms of a Reservoir in Macau. Toxins, 2021, 13, 894.	1.5	2
54	Sublethal effects of chronic exposure to CdO or PbO nanoparticles or their binary mixture on the honey bee (Apis millefera L.). Environmental Science and Pollution Research, 2020, 27, 19004-19015.	2.7	36

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55	Transcriptomic responses of Artemia salina exposed to an environmentally relevant dose of Alexandrium minutum cells or Gonyautoxin2/3. Chemosphere, 2020, 238, 124661.	4.2	15
56	Halogenated flame retardants in sediments from the Upper Laurentian Great Lakes: Implications to long-range transport and evidence of long-term transformation. Journal of Hazardous Materials, 2020, 384, 121346.	6.5	13
57	Linking the molecular composition of autochthonous dissolved organic matter to source identification for freshwater lake ecosystems by combination of optical spectroscopy and FT-ICR-MS analysis. Science of the Total Environment, 2020, 703, 134764.	3.9	82
58	A novel Mg(OH)₂ binding layer-based DGT technique for measuring phosphorus in water and sediment. Environmental Sciences: Processes and Impacts, 2020, 22, 340-349.	1.7	0
59	Synthesis of Fe3O4 magnetic nanoparticles coated with cationic surfactants and their applications in Sb(V) removal from water. Science of the Total Environment, 2020, 710, 136302.	3.9	51
60	Effects of the husky oil spill on gut microbiota of native fishes in the North Saskatchewan River, Canada. Aquatic Toxicology, 2020, 229, 105658.	1.9	16
61	In vitro-in vivo and cross-life stage extrapolation of uptake and biotransformation of benzo[a]pyrene in the fathead minnow (Pimephales promelas). Aquatic Toxicology, 2020, 228, 105616.	1.9	8
62	Structures of Endocrine-Disrupting Chemicals Determine Binding to and Activation of the Estrogen Receptor Î± and Androgen Receptor. Environmental Science & Technology, 2020, 54, 11424-11433.	4.6	45
63	Exposure of zebrafish to environmentally relevant concentrations of mercury during early life stages impairs subsequent reproduction in adults but can be recovered in offspring. Aquatic Toxicology, 2020, 229, 105655.	1.9	9
64	Concentrations of Metals in Fishes from the Athabasca and Slave Rivers of Northern Canada. Environmental Toxicology and Chemistry, 2020, 39, 2180-2195.	2.2	4
65	Tissue distribution, bioaccumulation, and carcinogenic risk of polycyclic aromatic hydrocarbons in aquatic organisms from Lake Chaohu, China. Science of the Total Environment, 2020, 749, 141577.	3.9	21
66	Composition characterization and biotransformation of dissolved, particulate and algae organic phosphorus in eutrophic lakes. Environmental Pollution, 2020, 265, 114838.	3.7	43
67	Metals and PFAS in stormwater and surface runoff in a semi-arid Canadian city subject to large variations in temperature among seasons. Environmental Science and Pollution Research, 2020, 27, 18232-18241.	2.7	27
68	Light, but Not Nutrients, Drives Seasonal Congruence of Taxonomic and Functional Diversity of Phytoplankton in a Eutrophic Highland Lake in China. Frontiers in Plant Science, 2020, 11, 179.	1.7	10
69	Multiple Bioassays and Targeted and Nontargeted Analyses to Characterize Potential Toxicological Effects Associated with Sediments of Masan Bay: Focusing on AhR-Mediated Potency. Environmental Science & Technology, 2020, 54, 4443-4454.	4.6	31
70	Mechanisms of pH-Dependent Uptake of Ionizable Organic Chemicals by Fish from Oil Sands Process-Affected Water (OSPW). Environmental Science & Technology, 2020, 54, 9547-9555.	4.6	8
71	Effects of chemical fractions from an oil sands end-pit lake on reproduction of fathead minnows. Chemosphere, 2020, 249, 126073.	4.2	7
72	Ecological risk assessment of fifty pharmaceuticals and personal care products (PPCPs) in Chinese surface waters: A proposed multiple-level system. Environment International, 2020, 136, 105454.	4.8	203

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73	Long-term trends of persistent toxic substances and potential toxicities in sediments along the west coast of South Korea. Marine Pollution Bulletin, 2020, 151, 110821.	2.3	10
74	Integrated assessment of west coast of South Korea by use of benthic bacterial community structure as determined by eDNA, concentrations of contaminants, and in vitro bioassays. Environment International, 2020, 137, 105569.	4.8	5
75	Investigation of eluted characteristics of fulvic acids using differential spectroscopy combined with Gaussian deconvolution and spectral indices. Environmental Science and Pollution Research, 2020, 27, 11000-11011.	2.7	1
76	Current understanding of potential ecological risks of retinoic acids and their metabolites in aquatic environments. Environment International, 2020, 136, 105464.	4.8	23
77	Differential responses of gut microbiota of male and female fathead minnow (Pimephales promelas) to a short-term environmentally-relevant, aqueous exposure to benzo[a]pyrene. Chemosphere, 2020, 252, 126461.	4.2	37
78	Effects of tris (2-chloroethyl) phosphate (TCEP) on growth, reproduction and gene transcription in the protozoan Tetrahymena thermophila. Aquatic Toxicology, 2020, 222, 105477.	1.9	15
79	Occurrence, toxicity and ecological risk of larvicidal oil in the coastal marine ecosystem of Hong Kong. Marine Pollution Bulletin, 2020, 156, 111178.	2.3	3
80	Three decades of changes in water environment of a large freshwater Lake and its relationship with socio-economic indicators. Journal of Environmental Sciences, 2019, 77, 156-166.	3.2	25
81	Spectroscopic analyses combined with Gaussian and Coats-Redfern models to investigate the characteristics and pyrolysis kinetics of sugarcane residue-derived biochars. Journal of Cleaner Production, 2019, 237, 117855.	4.6	40
82	Comparison of the Effects of Extraction Techniques on Mass Spectrometry Profiles of Dissolved Organic Compounds in Oil Sand Process-Affected Water. Energy & Fuels, 2019, 33, 7001-7008.	2.5	8
83	Newly Identified AhR-Active Compounds in the Sediments of an Industrial Area Using Effect-Directed Analysis. Environmental Science & Technology, 2019, 53, 10043-10052.	4.6	47
84	Effects of fulvic acid on aggregation, sedimentation, and adsorption of Fe3O4 magnetic nanoparticles. Environmental Science and Pollution Research, 2019, 26, 21463-21474.	2.7	13
85	Spatial distribution and hazard of halogenated flame retardants and polychlorinated biphenyls to common kingfisher (Alcedo atthis) from a region of South China affected by electronic waste recycling. Environment International, 2019, 130, 104952.	4.8	21
86	Shape-dependent toxicity of alumina nanoparticles in rat astrocytes. Science of the Total Environment, 2019, 690, 158-166.	3.9	58
87	Novel Insights into the Kinetics, Evolved Gases, and Mechanisms for Biomass (Sugar Cane Residue) Pyrolysis. Environmental Science & Technology, 2019, 53, 13495-13505.	4.6	66
88	Underlying mechanisms of reproductive toxicity caused by multigenerational exposure of 2, bromo-4, 6-dinitroaniline (BDNA) to Zebrafish (Danio rerio) at environmental relevant levels. Aquatic Toxicology, 2019, 216, 105285.	1.9	16
89	Major AhR-active chemicals in sediments of Lake Sihwa, South Korea: Application of effect-directed analysis combined with full-scan screening analysis. Environment International, 2019, 133, 105199.	4.8	25
90	Integration of metabolomics and transcriptomics reveals short-chain chlorinated paraffin-induced hepatotoxicity in male Sprague-Dawley rat. Environment International, 2019, 133, 105231.	4.8	48

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91	Receptor-mediated potencies of polycyclic aromatic hydrocarbons in urban sediments: comparisons of toxic equivalency risk assessment. International Journal of Environmental Science and Technology, 2019, 16, 6405-6418.	1.8	3
92	PM2.5 bound phthalates in four metropolitan cities of China: Concentration, seasonal pattern and health risk via inhalation. Science of the Total Environment, 2019, 696, 133982.	3.9	34
93	Exposure to Al₂O₃ nanoparticles facilitates conjugative transfer of antibiotic resistance genes from Escherichia coli to Streptomyces. Nanotoxicology, 2019, 13, 1422-1436.	1.6	27
94	Adsorption, aggregation and sedimentation of titanium dioxide nanoparticles and nanotubes in the presence of different sources of humic acids. Science of the Total Environment, 2019, 692, 660-668.	3.9	16
95	Efficient removal of both antimonite (Sb(<scp>iii</scp>)) and antimonate (Sb(<scp>v</scp>)) from environmental water using titanate nanotubes and nanoparticles. Environmental Science: Nano, 2019, 6, 834-850.	2.2	56
96	Characterization of phosphorus forms in a Eutrophic Lake, China. Science of the Total Environment, 2019, 659, 1437-1447.	3.9	38
97	Polycyclic aromatic hydrocarbons in infant formulae, follow-on formulae, and baby foods in Iran: An assessment of risk. Food and Chemical Toxicology, 2019, 131, 110640.	1.8	30
98	Short-chain chlorinated paraffins (SCCPs) disrupt hepatic fatty acid metabolism in liver of male rat via interacting with peroxisome proliferator-activated receptor Î± (PPARÎ±). Ecotoxicology and Environmental Safety, 2019, 181, 164-171.	2.9	30
99	Tissue-based assessment of hazard posed by mercury and selenium to wild fishes in two shallow Chinese lakes. Environmental Science and Pollution Research, 2019, 26, 15989-15999.	2.7	4
100	Correlations between slow pyrolysis characteristics and organic carbon structure of aquatic plant biomass. Environmental Science and Pollution Research, 2019, 26, 17555-17566.	2.7	2
101	Molecular Initiating Events of Bisphenols on Androgen Receptor-Mediated Pathways Provide Guidelines for in Silico Screening and Design of Substitute Compounds. Environmental Science and Technology Letters, 2019, 6, 205-210.	3.9	19
102	Sublethal effects of chronic exposure to chlorpyrifos or imidacloprid insecticides or their binary mixtures on <scp>Culex pipiens</scp> mosquitoes. Physiological Entomology, 2019, 44, 123-132.	0.6	7
103	Cytotoxicity of Ag, Au and Ag-Au bimetallic nanoparticles prepared using golden rod (Solidago) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	104
104	Spatial and interspecies differences in concentrations of eight trace elements in wild freshwater fishes at different trophic levels from middle and eastern China. Science of the Total Environment, 2019, 672, 883-892.	3.9	45
105	Aryl hydrocarbon receptor-mediated potencies in field-deployed plastics vary by type of polymer. Environmental Science and Pollution Research, 2019, 26, 9079-9088.	2.7	12
106	Ball milling synthesis of covalent organic framework as a highly active photocatalyst for degradation of organic contaminants. Journal of Hazardous Materials, 2019, 369, 494-502.	6.5	121
107	Characterization and sources of dissolved and particulate phosphorus in 10 freshwater lakes with different trophic statuses in China by solution ³¹P nuclear magnetic resonance spectroscopy. Ecological Research, 2019, 34, 106-118.	0.7	10
108	Pore-level visual analysis of heavy oil recovery using chemical-assisted waterflooding process â€“ Use of a new chemical agent. Fuel, 2019, 239, 202-218.	3.4	37

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109	Biological toxicity estimates show involvement of a wider range of toxic compounds in sediments from Durban, South Africa than indicated from instrumental analyses. Marine Pollution Bulletin, 2019, 138, 49-57.	2.3	9
110	Analytical and bioanalytical assessments of organic micropollutants in the Bosna River using a combination of passive sampling, bioassays and multi-residue analysis. Science of the Total Environment, 2019, 650, 1599-1612.	3.9	36
111	Cellular alterations in midgut cells of honey bee workers (Apis millefera L.) exposed to sublethal concentrations of CdO or PbO nanoparticles or their binary mixture. Science of the Total Environment, 2019, 651, 1356-1367.	3.9	45
112	Influence of Environmental Variables on Benthic Macroinvertebrate Communities in a Shallow Eutrophic Lowland Lake (Ge Lake, China). Tecnologia Y Ciencias Del Agua, 2019, 10, 88-119.	0.1	1
113	Fluorescence regional integration and differential fluorescence spectroscopy for analysis of structural characteristics and proton binding properties of fulvic acid sub-fractions. Journal of Environmental Sciences, 2018, 74, 116-125.	3.2	34
114	Methylated PACs are more potent than their parent compounds: A study of aryl hydrocarbon receptorâ€“mediated activity, degradability, and mixture interactions in the H4IIEâ€luc assay. Environmental Toxicology and Chemistry, 2018, 37, 1409-1419.	2.2	44
115	Temporal and spatial differences in deposition of organic matter and black carbon in Lake Michigan sediments over the period 1850â€“2010. Journal of Great Lakes Research, 2018, 44, 705-715.	0.8	14
116	Characterization of endocrine disruption potentials of coastal sediments of Taean, Korea employing H295R and MVLN assaysâ€“Reconnaissance at 5 years after Hebei Spirit oil spill. Marine Pollution Bulletin, 2018, 127, 264-272.	2.3	10
117	Mechanisms of oxidative stress caused by CuO nanoparticles to membranes of the bacterium Streptomyces coelicolor M145. Ecotoxicology and Environmental Safety, 2018, 158, 123-130.	2.9	33
118	Model for Predicting Toxicities of Metals and Metalloids in Coastal Marine Environments Worldwide. Environmental Science & Technology, 2018, 52, 4199-4206.	4.6	32
119	Legacy polychlorinated organic pollutants in the sediment of the Great Lakes. Journal of Great Lakes Research, 2018, 44, 682-692.	0.8	23
120	Sono-chemical treatment of per- and poly-fluoroalkyl compounds in aqueous film-forming foams by use of a large-scale multi-transducer dual-frequency based acoustic reactor. Ultrasonics Sonochemistry, 2018, 45, 213-222.	3.8	41
121	Amendment of water quality standards in China: viewpoint on strategic considerations. Environmental Science and Pollution Research, 2018, 25, 3078-3092.	2.7	32
122	Regulation of engineered nanomaterials: current challenges, insights and future directions. Environmental Science and Pollution Research, 2018, 25, 3060-3077.	2.7	66
123	Integrated in silico and in vivo approaches to investigate effects of BDEâ€99 mediated by the nuclear receptors on developing zebrafish. Environmental Toxicology and Chemistry, 2018, 37, 780-787.	2.2	14
124	Environmental geochemical and spatial/temporal behavior of total and speciation of antimony in typical contaminated aquatic environment from Xikuangshan, China. Microchemical Journal, 2018, 137, 181-189.	2.3	59
125	In vitro tools for the toxicological evaluation of sediments and dredged materials: intra- and inter-laboratory comparisons of chemical and bioanalytical methods. Environmental Science and Pollution Research, 2018, 25, 4037-4050.	2.7	7
126	Generalized concentration addition accurately predicts estrogenic potentials of mixtures and environmental samples containing partial agonists. Toxicology in Vitro, 2018, 46, 294-303.	1.1	17

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127	The dose makes the poison. Science of the Total Environment, 2018, 621, 649-653.	3.9	43
128	Neonicotinoid insecticides in pollen, honey and adult bees in colonies of the European honey bee (Apis) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	18
129	Waterâ€“effect ratio of copper and its application on setting site-specific water quality criteria for protecting marine ecosystems of Hong Kong. Environmental Science and Pollution Research, 2018, 25, 3170-3182.	2.7	4
130	Perfluorobutanesulfonate Exposure Causes Durable and Transgenerational Dysbiosis of Gut Microbiota in Marine Medaka. Environmental Science and Technology Letters, 2018, 5, 731-738.	3.9	50
131	Using dual isotopes and a Bayesian isotope mixing model to evaluate sources of nitrate of Tai Lake, China. Environmental Science and Pollution Research, 2018, 25, 32631-32639.	2.7	19
132	In vitro assessment of endocrine disrupting potential of organic fractions extracted from hydraulic fracturing flowback and produced water (HF-FPW). Environment International, 2018, 121, 824-831.	4.8	19
133	Down-Regulation of hspb9 and hspb11 Contributes to Wavy Notochord in Zebrafish Embryos Following Exposure to Polychlorinated Diphenylsulfides. Environmental Science & Technology, 2018, 52, 12829-12840.	4.6	7
134	Beekeeping and the Need for Pollination from an Agricultural Perspective in Egypt. Bee World, 2018, 95, 107-112.	0.3	28
135	Current and historical concentrations of poly and perfluorinated compounds in sediments of the northern Great Lakes â€“ Superior, Huron, and Michigan. Environmental Pollution, 2018, 236, 373-381.	3.7	49
136	Combining High-Throughput Sequencing of sedaDNA and Traditional Paleolimnological Techniques To Infer Historical Trends in Cyanobacterial Communities. Environmental Science & Technology, 2018, 52, 6842-6853.	4.6	45
137	Accumulation rates, focusing factors, and chronologies from depth profiles of 210Pb and 137Cs in sediments of the Laurentian Great Lakes. Journal of Great Lakes Research, 2018, 44, 693-704.	0.8	25
138	The effect of IPC formulation on bitumen properties â€“ An experimental study. Journal of Petroleum Science and Engineering, 2018, 170, 525-540.	2.1	0
139	Removal of antimonate (Sb(V)) and antimonite (Sb(III)) from aqueous solutions by coagulation-flocculation-sedimentation (CFS): Dependence on influencing factors and insights into removal mechanisms. Science of the Total Environment, 2018, 644, 1277-1285.	3.9	59
140	Immunotoxicity of aflatoxin M₁: as a potent suppressor of innate and acquired immune systems in a subacute study. Journal of the Science of Food and Agriculture, 2018, 98, 5884-5892.	1.7	31
141	Chemical-, site-, and taxa-dependent benthic community health in coastal areas of the Bohai Sea and northern Yellow Sea: A sediment quality triad approach. Science of the Total Environment, 2018, 645, 743-752.	3.9	29
142	Genomic instability in adult men involved in processing electronic waste in Northern China. Environment International, 2018, 117, 69-81.	4.8	38
143	Spatial and temporal trends in poly- and per-fluorinated compounds in the Laurentian Great Lakes Erie, Ontario and St. Clair. Environmental Pollution, 2018, 237, 396-405.	3.7	34
144	A Cross-species Quantitative Adverse Outcome Pathway for Activation of the Aryl Hydrocarbon Receptor Leading to Early Life Stage Mortality in Birds and Fishes. Environmental Science & Technology, 2018, 52, 7524-7533.	4.6	42

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145	Assessment of tools for protection of quality of water: Uncontrollable discharges of pollutants. Ecotoxicology and Environmental Safety, 2018, 161, 190-197.	2.9	16
146	Bioaccumulation of Polycyclic Aromatic Hydrocarbons (PAHs) by the Marine Clam, Mactra veneriformis, Chronically Exposed to Oil-Suspended Particulate Matter Aggregates. Environmental Science & Technology, 2018, 52, 7910-7920.	4.6	26
147	Application of the Target Lipid Model and Passive Samplers to Characterize the Toxicity of Bioavailable Organics in Oil Sands Process-Affected Water. Environmental Science & Technology, 2018, 52, 8039-8049.	4.6	29
148	Potential health risks posed by polycyclic aromatic hydrocarbons in muscle tissues of fishes from the Athabasca and Slave Rivers, Canada. Environmental Geochemistry and Health, 2017, 39, 139-160.	1.8	39
149	Microbial Biomass and Community Composition Involved in Cycling of Organic Phosphorus in Sediments of Lake Dianchi, Southwest China. Geomicrobiology Journal, 2017, 34, 249-260.	1.0	9
150	Linking genomic responses of gonads with reproductive impairment in marine medaka (Oryzias) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 (DIM). Aquatic Toxicology, 2017, 183, 135-143.	1.9	12
151	Influence of blooms of phytoplankton on concentrations of hydrophobic organic chemicals in sediments and snails in a hyper-eutrophic, freshwater lake. Water Research, 2017, 113, 22-31.	5.3	39
152	Organophosphate Esters in Sediment of the Great Lakes. Environmental Science & Technology, 2017, 51, 1441-1449.	4.6	161
153	Oil sands process-affected water impairs feeding by Daphnia magna. Chemosphere, 2017, 175, 465-472.	4.2	20
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