

Guanyong Su

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100
papers

2,811
citations

33
h-index

49
g-index

104
ext. papers

3,597
ext. citations

9.2
avg, IF

5.53
L-index

#	Paper	IF	Citations
100	Benchmarking organic micropollutants in wastewater, recycled water and drinking water with in vitro bioassays. <i>Environmental Science & Technology</i> , 2014 , 48, 1940-56	10.3	295
99	Rapid in vitro metabolism of the flame retardant triphenyl phosphate and effects on cytotoxicity and mRNA expression in chicken embryonic hepatocytes. <i>Environmental Science & Technology</i> , 2014 , 48, 13511-9	10.3	138
98	A review on organophosphate Ester (OPE) flame retardants and plasticizers in foodstuffs: Levels, distribution, human dietary exposure, and future directions. <i>Environment International</i> , 2019 , 127, 35-51	12.9	107
97	Organophosphate Flame Retardants and Plasticizers in Aqueous Solution: pH-Dependent Hydrolysis, Kinetics, and Pathways. <i>Environmental Science & Technology</i> , 2016 , 50, 8103-11	10.3	88
96	Environmentally Relevant Concentrations of the Flame Retardant Tris(1,3-dichloro-2-propyl) Phosphate Inhibit Growth of Female Zebrafish and Decrease Fecundity. <i>Environmental Science & Technology</i> , 2015 , 49, 14579-87	10.3	76
95	In Vitro Metabolism of the Flame Retardant Triphenyl Phosphate in Chicken Embryonic Hepatocytes and the Importance of the Hydroxylation Pathway. <i>Environmental Science and Technology Letters</i> , 2015 , 2, 100-104	11	71
94	Occurrence of perfluoroalkyl acids including perfluorooctane sulfonate isomers in Huai River Basin and Taihu Lake in Jiangsu Province, China. <i>Environmental Science & Technology</i> , 2013 , 47, 710-7	10.3	68
93	Revealing the role of adsorption in ciprofloxacin and sulfadiazine elimination routes in microalgae. <i>Water Research</i> , 2020 , 172, 115475	12.5	68
92	Environmentally relevant organophosphate triesters in herring gulls: In vitro biotransformation and kinetics and diester metabolite formation using a hepatic microsomal assay. <i>Toxicology and Applied Pharmacology</i> , 2016 , 308, 59-65	4.6	66
91	Spatial and temporal comparisons of legacy and emerging flame retardants in herring gull eggs from colonies spanning the Laurentian Great Lakes of Canada and United States. <i>Environmental Research</i> , 2015 , 142, 720-30	7.9	60
90	Effects of Tris(1,3-dichloro-2-propyl) Phosphate on Growth, Reproduction, and Gene Transcription of <i>Daphnia magna</i> at Environmentally Relevant Concentrations. <i>Environmental Science & Technology</i> , 2015 , 49, 12975-83	10.3	56
89	Parental transfer of tris(1,3-dichloro-2-propyl) phosphate and transgenerational inhibition of growth of zebrafish exposed to environmentally relevant concentrations. <i>Environmental Pollution</i> , 2017 , 220, 196-203	9.3	54
88	Dietary intake of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) from fish and meat by residents of Nanjing, China. <i>Environment International</i> , 2012 , 42, 138-43	12.9	54
87	Magnetic biochar catalysts from anaerobic digested sludge: Production, application and environment impact. <i>Environment International</i> , 2019 , 126, 302-308	12.9	51
86	Organophosphate esters (OPEs) in Chinese foodstuffs: Dietary intake estimation via a market basket method, and suspect screening using high-resolution mass spectrometry. <i>Environment International</i> , 2019 , 128, 343-352	12.9	50
85	Identification of trace organic pollutants in freshwater sources in Eastern China and estimation of their associated human health risks. <i>Ecotoxicology</i> , 2011 , 20, 1099-106	2.9	49
84	Dioxin-like potency of HO- and MeO- analogues of PBDEs: The potential risk through consumption of fish from eastern China. <i>Environmental Science & Technology</i> , 2012 , 46, 10781-8	10.3	46

83	Perfluorinated sulfonate and carboxylate compounds and precursors in herring gull eggs from across the Laurentian Great Lakes of North America: Temporal and recent spatial comparisons and exposure implications. <i>Science of the Total Environment</i> , 2015 , 538, 468-77	10.2	39
82	Acute Exposure to Tris(1,3-dichloro-2-propyl) Phosphate (TDCIPP) Causes Hepatic Inflammation and Leads to Hepatotoxicity in Zebrafish. <i>Scientific Reports</i> , 2016 , 6, 19045	4.9	39
81	Liquid chromatography-electrospray-tandem mass spectrometry method for determination of organophosphate diesters in biotic samples including Great Lakes herring gull plasma. <i>Journal of Chromatography A</i> , 2014 , 1374, 85-92	4.5	39
80	Organophosphate Ester, 2-Ethylhexyl Diphenyl Phosphate (EHDPP), Elicits Cytotoxic and Transcriptomic Effects in Chicken Embryonic Hepatocytes and Its Biotransformation Profile Compared to Humans. <i>Environmental Science & Technology</i> , 2019 , 53, 2151-2160	10.3	39
79	Substantially enhanced anaerobic reduction of nitrobenzene by biochar stabilized sulfide-modified nanoscale zero-valent iron: Process and mechanisms. <i>Environment International</i> , 2019 , 131, 105020	12.9	38
78	Mechanisms of toxicity of hydroxylated polybrominated diphenyl ethers (HO-PBDEs) determined by toxicogenomic analysis with a live cell array coupled with mutagenesis in Escherichia coli. <i>Environmental Science & Technology</i> , 2014 , 48, 5929-37	10.3	38
77	Effects of tris (2-butoxyethyl) phosphate (TBOEP) on endocrine axes during development of early life stages of zebrafish (Danio rerio). <i>Chemosphere</i> , 2016 , 144, 1920-7	8.4	38
76	Toxicogenomic mechanisms of 6-HO-BDE-47, 6-MeO-BDE-47, and BDE-47 in E. coli. <i>Environmental Science & Technology</i> , 2012 , 46, 1185-91	10.3	37
75	Contaminants of emerging concern in Caspian tern compared to herring gull eggs from Michigan colonies in the Great Lakes of North America. <i>Environmental Pollution</i> , 2017 , 222, 154-164	9.3	35
74	Functional Group-Dependent Screening of Organophosphate Esters (OPEs) and Discovery of an Abundant OPE Bis-(2-ethylhexyl)-phenyl Phosphate in Indoor Dust. <i>Environmental Science & Technology</i> , 2020 , 54, 4455-4464	10.3	35
73	Determination of organophosphate diesters in urine samples by a high-sensitivity method based on ultra high pressure liquid chromatography-triple quadrupole-mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1426, 154-60	4.5	35
72	Occurrence of additive brominated flame retardants in aquatic organisms from Tai Lake and Yangtze River in Eastern China, 2009-2012. <i>Chemosphere</i> , 2014 , 114, 340-6	8.4	34
71	Photolytic degradation products of two highly brominated flame retardants cause cytotoxicity and mRNA expression alterations in chicken embryonic hepatocytes. <i>Environmental Science & Technology</i> , 2014 , 48, 12039-46	10.3	34
70	Site-specific water quality criteria for aquatic ecosystems: A case study of pentachlorophenol for Tai Lake, China. <i>Science of the Total Environment</i> , 2016 , 541, 65-73	10.2	33
69	Biomonitoring of organophosphate triesters and diesters in human blood in Jiangsu Province, eastern China: Occurrences, associations, and suspect screening of novel metabolites. <i>Environment International</i> , 2019 , 131, 105056	12.9	33
68	Halogenated Flame Retardants in Predator and Prey Fish From the Laurentian Great Lakes: Age-Dependent Accumulation and Trophic Transfer. <i>Environmental Science & Technology</i> , 2017 , 51, 8432-8441	10.3	33
67	Simultaneous debromination and mineralization of bromophenol in an up-flow electricity-stimulated anaerobic system. <i>Water Research</i> , 2019 , 157, 8-18	12.5	32
66	Determination of glucuronide conjugates of hydroxyl triphenyl phosphate (OH-TPHP) metabolites in human urine and its use as a biomarker of TPHP exposure. <i>Chemosphere</i> , 2016 , 149, 314-9	8.4	32

65	Whole-Life-Stage Characterization in the Basic Biology of <i>Daphnia magna</i> and Effects of TDCIPP on Growth, Reproduction, Survival, and Transcription of Genes. <i>Environmental Science & Technology</i> , 2017 , 51, 13967-13975	10.3	31
64	Time-dependent inhibitory effects of Tris(1, 3-dichloro-2-propyl) phosphate on growth and transcription of genes involved in the GH/IGF axis, but not the HPT axis, in female zebrafish. <i>Environmental Pollution</i> , 2017 , 229, 470-478	9.3	30
63	Traditional and emerging organophosphate esters (OPEs) in indoor dust of Nanjing, eastern China: Occurrence, human exposure, and risk assessment. <i>Science of the Total Environment</i> , 2020 , 712, 136494	10.2	30
62	Persistent, bioaccumulative, and toxic properties of liquid crystal monomers and their detection in indoor residential dust. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	30
61	Time-dependent effects of the flame retardant tris(1,3-dichloro-2-propyl) phosphate (TDCPP) on mRNA expression, in vitro and in ovo, reveal optimal sampling times for rapidly metabolized compounds. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 2842-9	3.8	29
60	Enhanced nitrobenzene reduction by modified biochar supported sulfidated nano zerovalent iron: Comparison of surface modification methods. <i>Science of the Total Environment</i> , 2019 , 694, 133701	10.2	28
59	Polybrominated diphenyl ethers and their methoxylated metabolites in anchovy (<i>Coilia</i> sp.) from the Yangtze River Delta, China. <i>Environmental Science and Pollution Research</i> , 2010 , 17, 634-42	5.1	27
58	Maternal transfer, distribution, and metabolism of BDE-47 and its related hydroxylated, methoxylated analogs in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2015 , 120, 31-6	8.4	24
57	Establishment of a Target, Suspect, and Functional Group-Dependent Screening Strategy for Organophosphate Esters (OPEs): "Into the Unknown" of OPEs in the Sediment of Taihu Lake, China. <i>Environmental Science & Technology</i> , 2021 , 55, 5836-5847	10.3	24
56	CeO grafted with different heteropoly acids for selective catalytic reduction of NO with NH. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121032	12.8	23
55	Liquid Crystal Monomers (LCMs): A New Generation of Persistent Bioaccumulative and Toxic (PBT) Compounds?. <i>Environmental Science & Technology</i> , 2018 , 52, 5005-5006	10.3	22
54	Facilitated bio-mineralization of N,N-dimethylformamide in anoxic denitrification system: Long-term performance and biological mechanism. <i>Water Research</i> , 2020 , 186, 116306	12.5	22
53	Distribution of flame retardants in smartphones and identification of current-use organic chemicals including three novel aryl organophosphate esters. <i>Science of the Total Environment</i> , 2019 , 693, 133654	10.2	20
52	Multigenerational effects of tris(1,3-dichloro-2-propyl) phosphate on the free-living ciliate protozoa <i>Tetrahymena thermophila</i> exposed to environmentally relevant concentrations and after subsequent recovery. <i>Environmental Pollution</i> , 2016 , 218, 50-58	9.3	18
51	Comparison on the molecular response profiles between nano zinc oxide (ZnO) particles and free zinc ion using a genome-wide toxicogenomics approach. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17434-42	5.1	18
50	Peroxisome proliferator-activated receptor gamma (PPAR γ) activation and metabolism disturbance induced by bisphenol A and its replacement analog bisphenol S using in vitro macrophages and in vivo mouse models. <i>Environment International</i> , 2020 , 134, 105328	12.9	18
49	Organophosphate (OP) diesters and a review of sources, chemical properties, environmental occurrence, adverse effects, and future directions. <i>Environment International</i> , 2021 , 155, 106691	12.9	18
48	Sunlight Irradiation of Highly Brominated Polyphenyl Ethers Generates Polybenzofuran Products That Alter Dioxin-responsive mRNA Expression in Chicken Hepatocytes. <i>Environmental Science & Technology</i> , 2016 , 50, 2318-27	10.3	17

47	Pharmacokinetics and effects of tetrabromobisphenol a (TBBPA) to early life stages of zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2018 , 190, 243-252	8.4	16
46	Differential modulation of expression of nuclear receptor mediated genes by tris(2-butoxyethyl) phosphate (TBOEP) on early life stages of zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2015 , 169, 196-203 ^{5.1}	5.1	15
45	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. <i>Chemosphere</i> , 2016 , 144, 1754-62	8.4	15
44	Mechanisms of toxicity of triphenyltin chloride (TPTC) determined by a live cell reporter array. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 803-11	5.1	15
43	The combination of in silico and in vivo approaches for the investigation of disrupting effects of tris (2-chloroethyl) phosphate (TCEP) toward core receptors of zebrafish. <i>Chemosphere</i> , 2017 , 168, 122-130	8.4	15
42	Cloud Point Extraction of Bisphenol A from Water Utilizing Cationic Surfactant Aliquat 336. <i>Chinese Journal of Analytical Chemistry</i> , 2009 , 37, 1717-1721	1.6	15
41	Dioxin-like activity in sediments from Tai Lake, China determined by use of the H4IIE-luc bioassay and quantification of individual AhR agonists. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 1480-8	5.1	14
40	Factors associated with blooms of cyanobacteria in a large shallow lake, China. <i>Environmental Sciences Europe</i> , 2018 , 30, 27	5	14
39	Nitrate stimulation of N-Methylpyrrolidone biodegradation by <i>Paracoccus pantotrophus</i> : Metabolite mechanism and Genomic characterization. <i>Bioresource Technology</i> , 2019 , 294, 122185	11	13
38	Liquid Crystal Monomers (LCMs) in Sediments: Method Validation and Detection in Sediment Samples from Three Typical Areas. <i>Environmental Science & Technology</i> , 2021 , 55, 2336-2345	10.3	13
37	Classification and toxicity mechanisms of novel flame retardants (NFRs) based on whole genome expression profiling. <i>Chemosphere</i> , 2016 , 144, 2150-7	8.4	12
36	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 126, 202-210	7	12
35	Photolysis of highly brominated flame retardants leads to time-dependent dioxin-responsive mRNA expression in chicken embryonic hepatocytes. <i>Chemosphere</i> , 2018 , 194, 352-359	8.4	12
34	Exposure to tris(1,3-dichloro-2-propyl) phosphate for Two generations decreases fecundity of zebrafish at environmentally relevant concentrations. <i>Aquatic Toxicology</i> , 2018 , 200, 178-187	5.1	12
33	High-Resolution Mass Spectrometry Screening of Emerging Organophosphate Esters (OPEs) in Wild Fish: Occurrence, Species-Specific Difference, and Tissue-Specific Distribution.. <i>Environmental Science & Technology</i> , 2021 ,	10.3	11
32	Isomer-Specific Hexabromocyclododecane (HBCDD) Levels in Top Predator Fish from Across Canada and 36-Year Temporal Trends in Lake Ontario. <i>Environmental Science & Technology</i> , 2018 , 52, 6197-6207	10.3	10
31	Dietary intake of legacy and emerging halogenated flame retardants using food market basket estimations in Nanjing, eastern China. <i>Environmental Pollution</i> , 2020 , 258, 113737	9.3	10
30	Newly discovered bis-(2-ethylhexyl)-phenyl phosphate (BEHPP) was a ubiquitous contaminant in surface soils from a typical region, South China. <i>Science of the Total Environment</i> , 2021 , 770, 145350	10.2	10

29	Serum concentrations of neonicotinoids, and their associations with lipid molecules of the general residents in Wuxi City, Eastern China. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125235	12.8	10
28	Multigenerational Effects and Demographic Responses of Zebrafish (<i>Danio rerio</i>) Exposed to Organo-Bromine Compounds. <i>Environmental Science & Technology</i> , 2018 , 52, 8764-8773	10.3	9
27	Towards establishing indicative values for metabolites of organophosphate ester contaminants in human urine. <i>Chemosphere</i> , 2019 , 236, 124348	8.4	9
26	In Vitro Metabolism of Photolytic Breakdown Products of Tetradecabromo-1,4-diphenoxybenzene Flame Retardant in Herring Gull and Rat Liver Microsomal Assays. <i>Environmental Science & Technology</i> , 2016 , 50, 8335-43	10.3	7
25	Chemical and biological transfer: Which one is responsible for the maternal transfer toxicity of tris(1,3-dichloro-2-propyl) phosphate in zebrafish?. <i>Environmental Pollution</i> , 2018 , 243, 1376-1382	9.3	7
24	Trace analysis of phenolic compounds in water by in situ acetylation coupled with purge and trap-GC/MS. <i>Analytical Methods</i> , 2012 , 4, 2156	3.2	6
23	Industrial Production of Organophosphate Flame Retardants (OPFRs): Big Knowledge Gaps Need to Be Filled?. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022 , 1	2.7	6
22	Electronic-Waste-Driven Pollution of Liquid Crystal Monomers: Environmental Occurrence and Human Exposure in Recycling Industrial Parks.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	5
21	F-isoprostanes in Fish mucus: A new, non-invasive method for analyzing a biomarker of oxidative stress. <i>Chemosphere</i> , 2020 , 239, 124797	8.4	5
20	The importance of compound-specific radiocarbon analysis in source identification of polycyclic aromatic hydrocarbons: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 1-42	11.1	4
19	Elevated concentration and high Diversity of organophosphate esters (OPEs) were Discovered in Sediment from Industrial, and E-Waste Recycling Areas.. <i>Water Research</i> , 2022 , 217, 118362	12.5	4
18	Determination of Polybrominated Diphenyl Ethers and Their Derivates in Zebrafish Eggs. <i>Chinese Journal of Analytical Chemistry</i> , 2012 , 40, 1698-1702	1.6	3
17	Comprehensively screening of citric acid ester (CAE) plasticizers in Chinese foodstuffs, and the food-based assessment of human exposure risk of CAEs.. <i>Science of the Total Environment</i> , 2022 , 817, 152933	10.2	3
16	Identifying Citric Acid Esters, a Class of Phthalate Substitute Plasticizers, in Indoor Dust via an Integrated Target, Suspect, and Characteristic Fragment-Dependent Screening Strategy. <i>Environmental Science & Technology</i> , 2021 , 55, 13961-13970	10.3	3
15	Polycyclic aromatic hydrocarbons (PAHs) and their derivatives (oxygenated PAHs, azaarenes, and sulfur / oxygen-containing heterocyclic PAHs) in surface soils from a typical city, south China. <i>Chemosphere</i> , 2021 , 283, 131190	8.4	3
14	New insight on occurrence of liquid crystal monomers: A class of emerging e-waste pollutants in municipal landfill leachate. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127146	12.8	3
13	A Reagent-Free Screening Assay for Evaluation of the Effects of Chemicals on the Proliferation and Morphology of HeLa-GFP Cells. <i>Environmental Science and Technology Letters</i> , 2016 , 3, 322-326	11	2
12	Establishment of a three-step method to evaluate effects of chemicals on development of zebrafish embryo/larvae. <i>Chemosphere</i> , 2017 , 186, 209-217	8.4	2

11	Reactive Flame Retardants: Are They Safer Replacements?. <i>Environmental Science & Technology</i> , 2021 , 55, 14477-14479	10.3	2
10	Experimental determination of octanol-water partition coefficient (K) of 39 liquid crystal monomers (LCMs) by use of the shake-flask method. <i>Chemosphere</i> , 2022 , 287, 132407	8.4	2
9	Suspect and Nontarget Screening of Known and Unknown Organophosphate Esters (OPEs) in Soil Samples. <i>Journal of Hazardous Materials</i> , 2022 , 129273	12.8	2
8	Global distribution of ustiloxins in rice and their male-biased hepatotoxicity.. <i>Environmental Pollution</i> , 2022 , 301, 118992	9.3	1
7	First insight on in vitro metabolism of three newly identified aryl organophosphate esters via a suspect coupled with nontarget screening approach. <i>Toxicology Letters</i> , 2021 , 348, 73-84	4.4	1
6	Life Cycle Exposure to Environmentally Relevant Concentrations of Diphenyl Phosphate (DPhP) Inhibits Growth and Energy Metabolism of Zebrafish in a Sex-Specific Manner. <i>Environmental Science & Technology</i> , 2021 , 55, 13122-13131	10.3	1
5	Identifying active xenobiotics in humans by use of a suspect screening technique coupled with lipidomic analysis. <i>Environment International</i> , 2021 , 157, 106844	12.9	1
4	Characteristic fragmentations of nitroaromatic compounds (NACs) in Orbitrap HCD and integrated strategy for recognition of NACs in environmental samples.. <i>Science of the Total Environment</i> , 2022 , 155106	10.2	1
3	Occurrence, partitioning, and bioaccumulation of an emerging class of PBT substances (polychlorinated diphenyl sulfides) in Chaohu Lake, Southeast China.. <i>Water Research</i> , 2022 , 218, 118498	12.5	1
2	Metabolic transformation of environmentally-relevant brominated flame retardants in Fauna: A review.. <i>Environment International</i> , 2022 , 161, 107097	12.9	0
1	Occurrence and translocation of ustiloxins in rice false smut-occurred paddy fields, Hubei, China.. <i>Environmental Pollution</i> , 2022 , 119460	9.3	0