

Wei Shi

List of Publications by Year in descending order

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57
papers

2,156
citations

257450

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243625

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all docs

59
docs citations

59
times ranked

2752
citing authors

#	ARTICLE	IF	CITATIONS
1	Allosteric binding on nuclear receptors: Insights on screening of non-competitive endocrine-disrupting chemicals. <i>Environment International</i> , 2022, 159, 107009.	10.0	7
2	Effect-Directed Analysis Based on the Reduced Human Transcriptome (RHT) to Identify Organic Contaminants in Source and Tap Waters along the Yangtze River. <i>Environmental Science & Technology</i> , 2022, 56, 7840-7852.	10.0	10
3	Identification of (anti-)androgenic activities and risks of sludges from industrial and domestic wastewater treatment plants. <i>Environmental Pollution</i> , 2021, 268, 115716.	7.5	5
4	Biodirected Identification of Untargeted Toxicants in Industrial Wastewater Guides the Upgrading of Water Treatments. <i>Environmental Science and Technology Letters</i> , 2021, 8, 474-481.	8.7	10
5	Cross-Model Comparison of Transcriptomic Dose-Response of Short-Chain Chlorinated Paraffins. <i>Environmental Science & Technology</i> , 2021, 55, 8149-8158.	10.0	15
6	Machine Learning: New Ideas and Tools in Environmental Science and Engineering. <i>Environmental Science & Technology</i> , 2021, 55, 12741-12754.	10.0	140
7	Exposure to legacy and novel perfluoroalkyl substance disturbs the metabolic homeostasis in pregnant women and fetuses: A metabolome-wide association study. <i>Environment International</i> , 2021, 156, 106627.	10.0	25
8	Structures of Endocrine-Disrupting Chemicals Correlate with the Activation of 12 Classic Nuclear Receptors. <i>Environmental Science & Technology</i> , 2021, 55, 16552-16562.	10.0	20
9	Structures of Endocrine-Disrupting Chemicals Determine Binding to and Activation of the Estrogen Receptor α and Androgen Receptor. <i>Environmental Science & Technology</i> , 2020, 54, 11424-11433.	10.0	45
10	Non-target and suspect screening of per- and polyfluoroalkyl substances in Chinese municipal wastewater treatment plants. <i>Water Research</i> , 2020, 183, 115989.	11.3	92
11	Pathway-based assessment of single chemicals and mixtures by a high-throughput transcriptomics approach. <i>Environment International</i> , 2020, 136, 105455.	10.0	21
12	Transplacental Transfer of Per- and Polyfluoroalkyl Substances Identified in Paired Maternal and Cord Sera Using Suspect and Nontarget Screening. <i>Environmental Science & Technology</i> , 2020, 54, 3407-3416.	10.0	88
13	Mechanistic in silico modeling of bisphenols to predict estrogen and glucocorticoid disrupting potentials. <i>Science of the Total Environment</i> , 2020, 728, 138854.	8.0	11
14	Fate of organic micropollutants and their biological effects in a drinking water source treated by a field-scale constructed wetland. <i>Science of the Total Environment</i> , 2019, 682, 756-764.	8.0	31
15	Molecular Initiating Events of Bisphenols on Androgen Receptor-Mediated Pathways Provide Guidelines for <i>in Silico</i> Screening and Design of Substitute Compounds. <i>Environmental Science and Technology Letters</i> , 2019, 6, 205-210.	8.7	19
16	Extended suspect screening strategy to identify characteristic toxicants in the discharge of a chemical industrial park based on toxicity to <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2019, 650, 10-17.	8.0	21
17	Activation of steroid hormone receptors: Shed light on the in silico evaluation of endocrine disrupting chemicals. <i>Science of the Total Environment</i> , 2018, 631-632, 27-39.	8.0	10
18	A Reduced Transcriptome Approach to Assess Environmental Toxicants Using Zebrafish Embryo Test. <i>Environmental Science & Technology</i> , 2018, 52, 821-830.	10.0	44

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19	Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park. <i>Environmental Science & Technology</i> , 2018, 52, 11007-11016.	10.0	149
20	Non-Target and Suspect Screening of Per- and Polyfluoroalkyl Substances in Airborne Particulate Matter in China. <i>Environmental Science & Technology</i> , 2018, 52, 8205-8214.	10.0	133
21	Influence of blooms of phytoplankton on concentrations of hydrophobic organic chemicals in sediments and snails in a hyper-eutrophic, freshwater lake. <i>Water Research</i> , 2017, 113, 22-31.	11.3	39
22	Bioassay directed identification of toxicants in sludge and related reused materials from industrial wastewater treatment plants in the Yangtze River Delta. <i>Chemosphere</i> , 2017, 168, 191-198.	8.2	16
23	Phthalate Esters on Hands of Office Workers: Estimating the Influence of Touching Surfaces. <i>Environmental Science and Technology Letters</i> , 2017, 4, 1-5.	8.7	15
24	Extended Virtual Screening Strategies To Link Antiandrogenic Activities and Detected Organic Contaminants in Soils. <i>Environmental Science & Technology</i> , 2017, 51, 12528-12536.	10.0	16
25	Qualitative and quantitative simulation of androgen receptor antagonists: A case study of polybrominated diphenyl ethers. <i>Science of the Total Environment</i> , 2017, 603-604, 495-501.	8.0	6
26	A high-throughput, computational system to predict if environmental contaminants can bind to human nuclear receptors. <i>Science of the Total Environment</i> , 2017, 576, 609-616.	8.0	18
27	China's Soil Pollution Control: Choices and Challenges. <i>Environmental Science & Technology</i> , 2016, 50, 13181-13183.	10.0	90
28	Causes of endocrine disrupting potencies in surface water in East China. <i>Chemosphere</i> , 2016, 144, 1435-1442.	8.2	22
29	Identification of Thyroid Hormone Disruptors among HO-PBDEs: <i>In Vitro</i> Investigations and Coregulator Involved Simulations. <i>Environmental Science & Technology</i> , 2016, 50, 12429-12438.	10.0	37
30	Evaluation of five microbial and four mitochondrial DNA markers for tracking human and pig fecal pollution in freshwater. <i>Scientific Reports</i> , 2016, 6, 35311.	3.3	30
31	Assessing and Reducing the Toxicity of 3D-Printed Parts. <i>Environmental Science and Technology Letters</i> , 2016, 3, 1-6.	8.7	157
32	Bioassay-directed identification of organic toxicants in water and sediment of Tai Lake, China. <i>Water Research</i> , 2015, 73, 231-241.	11.3	35
33	Persistence of mitochondrial DNA markers as fecal indicators in water environments. <i>Science of the Total Environment</i> , 2015, 533, 383-390.	8.0	23
34	Distribution of perfluorooctane sulfonate isomers and predicted risk of thyroid hormonal perturbation in drinking water. <i>Water Research</i> , 2015, 76, 171-180.	11.3	25
35	Identification of polycyclic aromatic hydrocarbons in soils in Taizhou, East China. <i>Environmental Geochemistry and Health</i> , 2015, 37, 429-439.	3.4	6
36	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, 1480-1488.	5.3	16

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37	Molecular Modeling and Molecular Dynamics Simulation Studies on the Interactions of Hydroxylated Polychlorinated Biphenyls with Estrogen Receptor- β . <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 357-367.	4.1	3
38	In silico study on hydroxylated polychlorinated biphenyls as androgen receptor antagonists. <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 258-264.	6.0	26
39	Docking and CoMSIA studies on steroids and non-steroidal chemicals as androgen receptor ligands. <i>Ecotoxicology and Environmental Safety</i> , 2013, 89, 143-149.	6.0	25
40	Effects of HO-/MeO-PBDEs on Androgen Receptor: In Vitro Investigation and Helix 12-Involved MD Simulation. <i>Environmental Science & Technology</i> , 2013, 47, 11802-11809.	10.0	34
41	In silico investigations of anti-androgen activity of polychlorinated biphenyls. <i>Chemosphere</i> , 2013, 92, 795-802.	8.2	21
42	Occurrence of estrogenic activities in second-grade surface water and ground water in the Yangtze River Delta, China. <i>Environmental Pollution</i> , 2013, 181, 31-37.	7.5	14
43	Bioanalytical and instrumental analysis of estrogenic activities in drinking water sources from Yangtze River Delta. <i>Chemosphere</i> , 2013, 90, 2123-2128.	8.2	22
44	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, 710-717.	10.0	82
45	Molecular docking, molecular dynamics simulation, and structure-based 3D-QSAR studies on the aryl hydrocarbon receptor agonistic activity of hydroxylated polychlorinated biphenyls. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 626-635.	4.0	21
46	In vitro assessment of thyroid hormone disrupting activities in drinking water sources along the Yangtze River. <i>Environmental Pollution</i> , 2013, 173, 210-215.	7.5	19
47	Occurrence and Potential Causes of Androgenic Activities in Source and Drinking Water in China. <i>Environmental Science & Technology</i> , 2013, 47, 130828135947000.	10.0	17
48	Identification of Thyroid Receptor Ant/Agonists in Water Sources Using Mass Balance Analysis and Monte Carlo Simulation. <i>PLoS ONE</i> , 2013, 8, e73883.	2.5	10
49	Effects of perfluorinated compounds on development of zebrafish embryos. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2498-2505.	5.3	86
50	Occurrence of Thyroid Hormone Activities in Drinking Water from Eastern China: Contributions of Phthalate Esters. <i>Environmental Science & Technology</i> , 2012, 46, 1811-1818.	10.0	97
51	Thyroid hormone disrupting activities associated with phthalate esters in water sources from Yangtze River Delta. <i>Environment International</i> , 2012, 42, 117-123.	10.0	58
52	Thyroid Disruption by Di-n-Butyl Phthalate (DBP) and Mono-n-Butyl Phthalate (MBP) in <i>Xenopus laevis</i> . <i>PLoS ONE</i> , 2011, 6, e19159.	2.5	39
53	Bioanalytical and instrumental analysis of thyroid hormone disrupting compounds in water sources along the Yangtze River. <i>Environmental Pollution</i> , 2011, 159, 441-448.	7.5	30
54	Reproductive toxicity assessment of surface water of the Tai section of the Yangtze River, China by in vitro bioassays coupled with chemical analysis. <i>Environmental Pollution</i> , 2011, 159, 2720-2725.	7.5	9

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55	Identification of trace organic pollutants in freshwater sources in Eastern China and estimation of their associated human health risks. <i>Ecotoxicology</i> , 2011, 20, 1099-1106.	2.4	66
56	Reproductive toxicity of organic extracts from petrochemical plant effluents discharged to the Yangtze River, China. <i>Journal of Environmental Sciences</i> , 2010, 22, 297-303.	6.1	11
57	Endocrine-disrupting equivalents in industrial effluents discharged into Yangtze River. <i>Ecotoxicology</i> , 2009, 18, 685-692.	2.4	17