

Qunfang Zhou

List of Publications by Year in Descending Order

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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.

83
papers

2,052
citations

24
h-index

43
g-index

91
ext. papers

2,549
ext. citations

8
avg, IF

4.91
L-index

#	Paper	IF	Citations
83	A high-throughput assay for screening the abilities of per- and polyfluoroalkyl substances in inducing plasma kallikrein-like activity.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 234, 113381	7	0
82	Constructing an MCF-7 breast cancer cell-based transient transfection assay for screening RAR β (Ant)agonistic activities of emerging phenolic compounds.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129024	12.8	0
81	Occurrence of synthetic phenolic antioxidants in foodstuffs from ten provinces in China and its implications for human dietary exposure.. <i>Food and Chemical Toxicology</i> , 2022 , 113134	4.7	1
80	Environmental obesogen: More considerations about the potential cause of obesity epidemic.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 239, 113613	7	0
79	Concentration profiles of a typical ultraviolet filter benzophenone-3 and its derivatives in municipal sewage sludge in China: Risk assessment in sludge-amended soil.. <i>Science of the Total Environment</i> , 2021 , 811, 152329	10.2	0
78	Developmental Toxicity of Few-Layered Black Phosphorus toward Zebrafish. <i>Environmental Science & Technology</i> , 2021 , 55, 1134-1144	10.3	6
77	Chirality of gold nanocluster affects its interaction with coagulation factor XII.. <i>NanoImpact</i> , 2021 , 22, 100321	5.6	2
76	Efficient management strategy of COVID-19 patients based on cluster analysis and clinical decision tree classification. <i>Scientific Reports</i> , 2021 , 11, 9626	4.9	3
75	Airborne particulate matters induce thrombopoiesis from megakaryocytes through regulating mitochondrial oxidative phosphorylation. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 19	8.4	2
74	Interaction of BDE-47 with nuclear receptors (NRs) based on the cytotoxicity: In vitro investigation and molecular interaction. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111390	7	4
73	4-Hexylphenol influences adipogenic differentiation and hepatic lipid accumulation in <i>in vitro</i> . <i>Environmental Pollution</i> , 2021 , 268, 115635	9.3	5
72	Evidence of Foodborne Transmission of the Coronavirus (COVID-19) through the Animal Products Food Supply Chain. <i>Environmental Science & Technology</i> , 2021 , 55, 2713-2716	10.3	14
71	Graphene Quantum Dots Disrupt Embryonic Stem Cell Differentiation by Interfering with the Methylation Level of 2. <i>Environmental Science & Technology</i> , 2021 , 55, 3144-3155	10.3	5
70	Thyroid Cancer "Epidemic": A Socio-Environmental Health Problem Needs Collaborative Efforts. <i>Environmental Science & Technology</i> , 2020 , 54, 3725-3727	10.3	5
69	Cardiac dysfunction and metabolic remodeling due to seasonally ambient fine particles exposure. <i>Science of the Total Environment</i> , 2020 , 721, 137792	10.2	7
68	Response to Comment on "Thyroid Cancer "Epidemic": A Socio-Environmental Health Problem Needs Collaborative Efforts". <i>Environmental Science & Technology</i> , 2020 , 54, 9711-9712	10.3	1
67	Silver nanoparticles induce size-dependent and particle-specific neurotoxicity to primary cultures of rat cerebral cortical neurons. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 198, 110674	7	9

66	Environmental impacts on the transmission and evolution of COVID-19 combining the knowledge of pathogenic respiratory coronaviruses. <i>Environmental Pollution</i> , 2020 , 267, 115621	9.3	9
65	Bisphenol A and several derivatives exert neural toxicity in human neuron-like cells by decreasing neurite length. <i>Food and Chemical Toxicology</i> , 2020 , 135, 111015	4.7	17
64	Perturbation of 3-tert-butyl-4-hydroxyanisole in adipogenesis of male mice with normal and high fat diets. <i>Science of the Total Environment</i> , 2020 , 703, 135608	10.2	14
63	Gold nanoparticles change small extracellular vesicle attributes of mouse embryonic stem cells. <i>Nanoscale</i> , 2020 , 12, 15631-15637	7.7	5
62	From the insight of glucose metabolism disorder: Oxygen therapy and blood glucose monitoring are crucial for quarantined COVID-19 patients. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 197, 110614	7	11
61	Chemical Structure-Related Adipogenic Effects of Tetrabromobisphenol A and Its Analogues on 3T3-L1 Preadipocytes. <i>Environmental Science & Technology</i> , 2020 , 54, 6262-6271	10.3	7
60	Butylated hydroxyanisole isomers induce distinct adipogenesis in 3T3-L1 cells. <i>Journal of Hazardous Materials</i> , 2019 , 379, 120794	12.8	23
59	Carbon Chain Decomposition of Short Chain Chlorinated Paraffins Mediated by Pumpkin and Soybean Seedlings. <i>Environmental Science & Technology</i> , 2019 , 53, 6765-6772	10.3	19
58	Assessment of the carcinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin using mouse embryonic stem cells to form teratoma in vivo. <i>Toxicology Letters</i> , 2019 , 312, 139-147	4.4	3
57	Airborne Fine Particles Induce Hematological Effects through Regulating the Crosstalk of the Kallikrein-Kinin, Complement, and Coagulation Systems. <i>Environmental Science & Technology</i> , 2019 , 53, 2840-2851	10.3	14
56	Exploring the Heterogeneity of Nanoparticles in Their Interactions with Plasma Coagulation Factor XII. <i>ACS Nano</i> , 2019 , 13, 1990-2003	16.7	7
55	A case report of conjoined twins in medaka fish. <i>Molecular Reproduction and Development</i> , 2019 , 86, 1083-1085	10.3	1
54	Possible role of extracellular vesicles in exogenous chemical exposure-associated health concern. <i>Journal of Environmental Sciences</i> , 2019 , 80, 1-4	6.4	3
53	Mitochondrial damage mediated by ROS incurs bronchial epithelial cell apoptosis upon ambient PM exposure. <i>Journal of Toxicological Sciences</i> , 2018 , 43, 101-111	1.9	50
52	DEP and DBP induce cytotoxicity in mouse embryonic stem cells and abnormally enhance neural ectoderm development. <i>Environmental Pollution</i> , 2018 , 236, 21-32	9.3	26
51	Polyfluorinated iodine alkanes regulated distinct breast cancer cell progression through binding with estrogen receptor alpha or beta isoforms. <i>Environmental Pollution</i> , 2018 , 239, 300-307	9.3	3
50	Intranasal administration of tetrabromobisphenol A bis(2-hydroxyethyl ether) induces neurobehavioral changes in neonatal Sprague Dawley rats. <i>Journal of Environmental Sciences</i> , 2018 , 63, 76-86	6.4	9
49	Characterization of mercury-binding proteins in human neuroblastoma SK-N-SH cells with immobilized metal affinity chromatography. <i>Talanta</i> , 2018 , 178, 811-817	6.2	21

48	Perfluorohexadecanoic acid increases paracellular permeability in endothelial cells through the activation of plasma kallikrein-kinin system. <i>Chemosphere</i> , 2018 , 190, 191-200	8.4	6
47	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
46	Synthetic Phenolic Antioxidants and Their Metabolites in Mollusks from the Chinese Bohai Sea: Occurrence, Temporal Trend, and Human Exposure. <i>Environmental Science & Technology</i> , 2018 , 52, 10124-10133	10.3	28
45	Effect of silver sulfide nanoparticles on photochemical degradation of dissolved organic matter in surface water. <i>Chemosphere</i> , 2018 , 193, 1113-1119	8.4	5
44	Synthetic Phenolic Antioxidants Cause Perturbation in Steroidogenesis in Vitro and in Vivo. <i>Environmental Science & Technology</i> , 2018 , 52, 850-858	10.3	54
43	Hydroxylated and methoxylated polybrominated diphenyl ethers in a marine food web of Chinese Bohai Sea and their human dietary exposure. <i>Environmental Pollution</i> , 2018 , 233, 604-611	9.3	19
42	Synthetic Phenolic Antioxidants and Their Metabolites in Sediments from the Coastal Area of Northern China: Spatial and Vertical Distributions. <i>Environmental Science & Technology</i> , 2018 , 52, 13690-13697	10.3	28
41	Dechlorination and chlorine rearrangement of 1,2,5,5,6,9,10-heptachlorodecane mediated by the whole pumpkin seedlings. <i>Environmental Pollution</i> , 2017 , 224, 524-531	9.3	18
40	Distribution, Bioaccumulation, Trophic Transfer, and Influences of CeO Nanoparticles in a Constructed Aquatic Food Web. <i>Environmental Science & Technology</i> , 2017 , 51, 5205-5214	10.3	27
39	R&Ktitelbild: Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification (Angew. Chem. 46/2017). <i>Angewandte Chemie</i> , 2017 , 129, 14966-14966	3.6	1
38	Hematological Effects of Gold Nanorods on Erythrocytes: Hemolysis and Hemoglobin Conformational and Functional Changes. <i>Advanced Science</i> , 2017 , 4, 1700296	13.6	35
37	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. <i>Angewandte Chemie</i> , 2017 , 129, 14680-14685	3.6	18
36	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14488-14493	16.4	101
35	A novel high throughput screening assay for binding affinities of perfluoroalkyl iodide for estrogen receptor alpha and beta isoforms. <i>Talanta</i> , 2017 , 175, 413-420	6.2	7
34	Epidermal Penetration of Gold Nanoparticles and Its Underlying Mechanism Based on Human Reconstructed 3D Episkin Model. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 42577-42588	9.5	12
33	Determining the Cytotoxicity of Rare Earth Element Nanoparticles in Macrophages and the Involvement of Membrane Damage. <i>Environmental Science & Technology</i> , 2017 , 51, 13938-13948	10.3	20
32	Structure-Dependent Hematological Effects of Per- and Polyfluoroalkyl Substances on Activation of Plasma Kallikrein-Kinin System Cascade. <i>Environmental Science & Technology</i> , 2017 , 51, 10173-10183	10.3	11
31	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

30	Brain-targeted distribution and high retention of silver by chronic intranasal instillation of silver nanoparticles and ions in Sprague-Dawley rats. <i>Journal of Applied Toxicology</i> , 2016 , 36, 445-53	4.1	33
29	Structure prediction of methoxy-polybrominated diphenyl ethers (MeO-PBDEs) through GC-MS analysis of their corresponding PBDEs. <i>Talanta</i> , 2016 , 152, 9-14	6.2	2
28	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
27	The potential neurotoxicity of emerging tetrabromobisphenol A derivatives based on rat pheochromocytoma cells. <i>Chemosphere</i> , 2016 , 154, 194-203	8.4	39
26	Vitamin E attenuates silver nanoparticle-induced effects on body weight and neurotoxicity in rats. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 458, 405-10	3.4	32
25	Silver nanoparticle exposure induces rat motor dysfunction through decrease in expression of calcium channel protein in cerebellum. <i>Toxicology Letters</i> , 2015 , 237, 112-20	4.4	31
24	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
23	Perfluorooctyl Iodide Stimulates Steroidogenesis in H295R Cells via a Cyclic Adenosine Monophosphate Signaling Pathway. <i>Chemical Research in Toxicology</i> , 2015 , 28, 848-54	4	17
22	Sulfidation as a natural antidote to metallic nanoparticles is overestimated: CuO sulfidation yields CuS nanoparticles with increased toxicity in medaka (<i>Oryzias latipes</i>) embryos. <i>Environmental Science & Technology</i> , 2015 , 49, 2486-95	10.3	44
21	The mechanism of immunosuppression by perfluorooctanoic acid in BALB/c mice. <i>Toxicology Research</i> , 2014 , 3, 205	2.6	3
20	Alterations of endogenous metabolites in urine of rats exposed to decabromodiphenyl ether using metabonomic approaches. <i>Journal of Environmental Sciences</i> , 2014 , 26, 900-8	6.4	8
19	Effects of polycyclic musks HHCb and AHTN on steroidogenesis in H295R cells. <i>Chemosphere</i> , 2013 , 90, 1227-35	8.4	27
18	Silver nanoparticle exposure attenuates the viability of rat cerebellum granule cells through apoptosis coupled to oxidative stress. <i>Small</i> , 2013 , 9, 1831-41	11	98
17	Mechanism of gold nanoparticle induced simultaneously increased PCR efficiency and specificity. <i>Science Bulletin</i> , 2013 , 58, 4593-4601		5
16	Role of plasma kallikrein in diabetes and metabolism. <i>Thrombosis and Haemostasis</i> , 2013 , 110, 434-41	7	37
15	Butyltin compounds in vinegar collected in Beijing: Species distribution and source investigation. <i>Science China Chemistry</i> , 2012 , 55, 323-328	7.9	2
14	Effects of cadmium, 17 β -estradiol and their interaction in the male Chinese loach (<i>Misgurnus anguillicaudatus</i>). <i>Science Bulletin</i> , 2012 , 57, 858-863		6
13	The in vitro estrogenic activities of polyfluorinated iodine alkanes. <i>Environmental Health Perspectives</i> , 2012 , 120, 119-25	8.4	35

12	Environmental and biological influences on the stability of silver nanoparticles. <i>Science Bulletin</i> , 2011 , 56, 2009-2015		16
11	Toxicity of the brominated flame retardant tris-(2,3-dibromopropyl) isocyanurate in zebrafish (<i>Danio rerio</i>). <i>Science Bulletin</i> , 2011 , 56, 1548-1555		29
10	Induced temperature-dependent DNA degradation by C60 without photoactivation. <i>Science Bulletin</i> , 2011 , 56, 3100-3107		2
9	Safety profile and cellular uptake of biotemplated nanocapsules with nanometre-thin walls. <i>Nanoscale</i> , 2011 , 3, 2576-82	7.7	10
8	Circannual vitellogenin levels in Chinese loach (<i>Misgurnus anguillicaudatus</i>). <i>Environmental Biology of Fishes</i> , 2009 , 85, 23-29	1.6	6
7	Effects of nanoscale quantum dots in male Chinese loaches (<i>Misgurnus anguillicaudatus</i>): Estrogenic interference action, toxicokinetics and oxidative stress. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1683-1690		6
6	Rapid decolorization of water soluble azo-dyes by nanosized zero-valent iron immobilized on the exchange resin. <i>Science in China Series B: Chemistry</i> , 2008 , 51, 186-192		26
5	Analysis of human urine metabolites using SPE and NMR spectroscopy. <i>Science in China Series B: Chemistry</i> , 2008 , 51, 218-225		23
4	Progress in the toxicological researches for quantum dots. <i>Science in China Series B: Chemistry</i> , 2008 , 51, 393-400		19
3	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
2	On line coupling HPLC and quartz surface-induced luminescence FPD with hydride generation and microporous membrane gas-liquid separator as interface for the speciation of methyltins. <i>Journal of Analytical Atomic Spectrometry</i> , 2007 , 22, 1420	3.7	6
1	Subchronic toxicological effects of aquatic nitrobenzene on Medaka and Chinese rare minnow. <i>Science in China Series B: Chemistry</i> , 2007 , 50, 707-717		6