Qunfang Zhou

List of Publications by Citations

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	Biomonitoring: an appealing tool for assessment of metal pollution in the aquatic ecosystem. *Analytica Chimica Acta*, **2008**, 606, 135-50	6.6	528
82	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. *Angewandte Chemie - International Edition*, **2017**, 56, 14488-14493	16.4	101
81	Silver nanoparticle exposure attenuates the viability of rat cerebellum granule cells through apoptosis coupled to oxidative stress. *Small*, **2013**, 9, 1831-41	11	98
80	Silver nanoparticles induced neurotoxicity through oxidative stress in rat cerebral astrocytes is distinct from the effects of silver ions. *NeuroToxicology*, **2016**, 52, 210-21	4.4	80
79	Influence of the Surface Functional Group Density on the Carbon-Nanotube-Induced Chymotrypsin Structure and Activity Alterations. *ACS Applied Materials & Interfaces*, **2015**, 7, 18880-90	9.5	67
78	Developmental toxicity of synthetic phenolic antioxidants to the early life stage of zebrafish. *Science of the Total Environment*, **2018**, 643, 559-568	10.2	62
77	Synthetic Phenolic Antioxidants Cause Perturbation in Steroidogenesis in Vitro and in Vivo. *Environmental Science & Technology*, **2018**, 52, 850-858	10.3	54
76	Mitochondrial damage mediated by ROS incurs bronchial epithelial cell apoptosis upon ambient PM exposure. *Journal of Toxicological Sciences*, **2018**, 43, 101-111	1.9	50
75	Sulfidation as a natural antidote to metallic nanoparticles is overestimated: CuO sulfidation yields CuS nanoparticles with increased toxicity in medaka (Oryzias latipes) embryos. *Environmental Science & Technology*, **2015**, 49, 2486-95	10.3	44
74	Formation of Nanosilver from Silver Sulfide Nanoparticles in Natural Waters by Photoinduced Fe(II, III) Redox Cycling. *Environmental Science & Technology*, **2016**, 50, 13342-13350	10.3	43
73	The potential neurotoxicity of emerging tetrabromobisphenol A derivatives based on rat pheochromocytoma cells. *Chemosphere*, **2016**, 154, 194-203	8.4	39
72	Role of plasma kallikrein in diabetes and metabolism. *Thrombosis and Haemostasis*, **2013**, 110, 434-41	7	37
71	Hematological Effects of Gold Nanorods on Erythrocytes: Hemolysis and Hemoglobin Conformational and Functional Changes. *Advanced Science*, **2017**, 4, 1700296	13.6	35
70	The in vitro estrogenic activities of polyfluorinated iodine alkanes. *Environmental Health Perspectives*, **2012**, 120, 119-25	8.4	35
69	Brain-targeted distribution and high retention of silver by chronic intranasal instillation of silver nanoparticles and ions in Sprague-Dawley rats. *Journal of Applied Toxicology*, **2016**, 36, 445-53	4.1	33
68	Vitamin E attenuates silver nanoparticle-induced effects on body weight and neurotoxicity in rats. *Biochemical and Biophysical Research Communications*, **2015**, 458, 405-10	3.4	32
67	Silver nanoparticle exposure induces rat motor dysfunction through decrease in expression of calcium channel protein in cerebellum. *Toxicology Letters*, **2015**, 237, 112-20	4.4	31

66	Toxicity of the brominated flame retardant tris-(2,3-dibromopropyl) isocyanurate in zebrafish (Danio rerio). *Science Bulletin*, **2011**, 56, 1548-1555		29
65	Synthetic Phenolic Antioxidants and Their Metabolites in Mollusks from the Chinese Bohai Sea: Occurrence, Temporal Trend, and Human Exposure. *Environmental Science & Technology*, **2018**, 52, 10124-10133	10.3	28
64	Synthetic Phenolic Antioxidants and Their Metabolites in Sediments from the Coastal Area of Northern China: Spatial and Vertical Distributions. *Environmental Science & Technology*, **2018**, 52, 13690-13697	10.3	28
63	Distribution, Bioaccumulation, Trophic Transfer, and Influences of CeO Nanoparticles in a Constructed Aquatic Food Web. *Environmental Science & Technology*, **2017**, 51, 5205-5214	10.3	27
62	Effects of polycyclic musks HHCB and AHTN on steroidogenesis in H295R cells. *Chemosphere*, **2013**, 90, 1227-35	8.4	27
61	DEP and DBP induce cytotoxicity in mouse embryonic stem cells and abnormally enhance neural ectoderm development. *Environmental Pollution*, **2018**, 236, 21-32	9.3	26
60	Rapid decolorization of water soluble azo-dyes by nanosized zero-valent iron immobilized on the exchange resin. *Science in China Series B: Chemistry*, **2008**, 51, 186-192		26
59	Butylated hydroxyanisole isomers induce distinct adipogenesis in 3T3-L1 cells. *Journal of Hazardous Materials*, **2019**, 379, 120794	12.8	23
58	Analysis of human urine metabolites using SPE and NMR spectroscopy. *Science in China Series B: Chemistry*, **2008**, 51, 218-225		23
57	Characterization of mercury-binding proteins in human neuroblastoma SK-N-SH cells with immobilized metal affinity chromatography. *Talanta*, **2018**, 178, 811-817	6.2	21
56	Determining the Cytotoxicity of Rare Earth Element Nanoparticles in Macrophages and the Involvement of Membrane Damage. *Environmental Science & Technology*, **2017**, 51, 13938-13948	10.3	20
55	Carbon Chain Decomposition of Short Chain Chlorinated Paraffins Mediated by Pumpkin and Soybean Seedlings. *Environmental Science & Technology*, **2019**, 53, 6765-6772	10.3	19
54	Progress in the toxicological researches for quantum dots. *Science in China Series B: Chemistry*, **2008** , 51, 393-400		19
53	Hydroxylated and methoxylated polybrominated diphenyl ethers in a marine food web of Chinese Bohai Sea and their human dietary exposure. *Environmental Pollution*, **2018**, 233, 604-611	9.3	19
52	Dechlorination and chlorine rearrangement of 1,2,5,5,6,9,10-heptachlorodecane mediated by the whole pumpkin seedlings. *Environmental Pollution*, **2017**, 224, 524-531	9.3	18
51	Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification. *Angewandte Chemie*, **2017**, 129, 14680-14685	3.6	18
50	Perfluorooctyl Iodide Stimulates Steroidogenesis in H295R Cells via a Cyclic Adenosine Monophosphate Signaling Pathway. *Chemical Research in Toxicology*, **2015**, 28, 848-54	4	17
49	Bisphenol A and several derivatives exert neural toxicity in human neuron-like cells by decreasing neurite length. *Food and Chemical Toxicology*, **2020**, 135, 111015	4.7	17

48	Environmental and biological influences on the stability of silver nanoparticles. *Science Bulletin*, **2011**, 56, 2009-2015		16
47	Airborne Fine Particles Induce Hematological Effects through Regulating the Crosstalk of the Kallikrein-Kinin, Complement, and Coagulation Systems. *Environmental Science & Technology*, **2019**, 53, 2840-2851	10.3	14
46	Perturbation of 3-tert-butyl-4-hydroxyanisole in adipogenesis of male mice with normal and high fat diets. *Science of the Total Environment*, **2020**, 703, 135608	10.2	14
45	Evidence of Foodborne Transmission of the Coronavirus (COVID-19) through the Animal Products Food Supply Chain. *Environmental Science & Technology*, **2021**, 55, 2713-2716	10.3	14
44	Epidermal Penetration of Gold Nanoparticles and Its Underlying Mechanism Based on Human Reconstructed 3D Episkin Model. *ACS Applied Materials & Interfaces*, **2017**, 9, 42577-42588	9.5	12
43	Structure-Dependent Hematological Effects of Per- and Polyfluoroalkyl Substances on Activation of Plasma Kallikrein-Kinin System Cascade. *Environmental Science & Technology*, **2017**, 51, 10173-10183	10.3	11
42	From the insight of glucose metabolism disorder: Oxygen therapy and blood glucose monitoring are crucial for quarantined COVID-19 patients. *Ecotoxicology and Environmental Safety*, **2020**, 197, 110614	7	11
41	Safety profile and cellular uptake of biotemplated nanocapsules with nanometre-thin walls. *Nanoscale*, **2011**, 3, 2576-82	7.7	10
40	Intranasal administration of tetrabromobisphenol A bis(2-hydroxyethyl ether) induces neurobehavioral changes in neonatal Sprague Dawley rats. *Journal of Environmental Sciences*, **2018**, 63, 76-86	6.4	9
39	Silver nanoparticles induce size-dependent and particle-specific neurotoxicity to primary cultures of rat cerebral cortical neurons. *Ecotoxicology and Environmental Safety*, **2020**, 198, 110674	7	9
38	Environmental impacts on the transmission and evolution of COVID-19 combing the knowledge of pathogenic respiratory coronaviruses. *Environmental Pollution*, **2020**, 267, 115621	9.3	9
37	Alterations of endogenous metabolites in urine of rats exposed to decabromodiphenyl ether using metabonomic approaches. *Journal of Environmental Sciences*, **2014**, 26, 900-8	6.4	8
36	Exploring the Heterogeneity of Nanoparticles in Their Interactions with Plasma Coagulation Factor XII. *ACS Nano*, **2019**, 13, 1990-2003	16.7	7
35	Cardiac dysfunction and metabolic remodeling due to seasonally ambient fine particles exposure. *Science of the Total Environment*, **2020**, 721, 137792	10.2	7
34	A novel high throughput screening assay for binding affinities of perfluoroalkyl iodide for estrogen receptor alpha and beta isoforms. *Talanta*, **2017**, 175, 413-420	6.2	7
33	Chemical Structure-Related Adipogenic Effects of Tetrabromobisphenol A and Its Analogues on 3T3-L1 Preadipocytes. *Environmental Science & Technology*, **2020**, 54, 6262-6271	10.3	7
32	Perfluorohexadecanoic acid increases paracellular permeability in endothelial cells through the activation of plasma kallikrein-kinin system. *Chemosphere*, **2018**, 190, 191-200	8.4	6
31	Effects of cadmium, 17β-estradiol and their interaction in the male Chinese loach (Misgurnus anguillicaudatus). *Science Bulletin*, **2012**, 57, 858-863		6

30	Circannual vitellogenin levels in Chinese loach (Misgurnus anguillicaudatus). *Environmental Biology of Fishes*, **2009**, 85, 23-29	1.6	6
29	Effects of nanoscale quantum dots in male Chinese loaches (Misgurnus anguillicaudatus): Estrogenic interference action, toxicokinetics and oxidative stress. *Science in China Series B: Chemistry*, **2009**, 52, 1683-1690		6
28	On line coupling HPLC and quartz surface-induced luminescence FPD with hydride generation and microporous membrane gas□quid separator as interface for the speciation of methyltins. *Journal of Analytical Atomic Spectrometry*, **2007**, 22, 1420	3.7	6
27	Subchronic toxicological effects of aquatic nitrobenzene on Medaka and Chinese rare minnow. *Science in China Series B: Chemistry*, **2007**, 50, 707-717		6
26	Developmental Toxicity of Few-Layered Black Phosphorus toward Zebrafish. *Environmental Science & Technology*, **2021**, 55, 1134-1144	10.3	6
25	Thyroid Cancer "Epidemic": A Socio-Environmental Health Problem Needs Collaborative Efforts. *Environmental Science & Technology*, **2020**, 54, 3725-3727	10.3	5
24	Mechanism of gold nanoparticle induced simultaneously increased PCR efficiency and specificity. *Science Bulletin*, **2013**, 58, 4593-4601		5
23	Gold nanoparticles change small extracellular vesicle attributes of mouse embryonic stem cells. *Nanoscale*, **2020**, 12, 15631-15637	7.7	5
22	4-Hexylphenol influences adipogenic differentiation and hepatic lipid accumulation in□vitro. *Environmental Pollution*, **2021**, 268, 115635	9.3	5
21	Graphene Quantum Dots Disrupt Embryonic Stem Cell Differentiation by Interfering with the Methylation Level of 2. *Environmental Science & Technology*, **2021**, 55, 3144-3155	10.3	5
20	Effect of silver sulfide nanoparticles on photochemical degradation of dissolved organic matter in surface water. *Chemosphere*, **2018**, 193, 1113-1119	8.4	5
19	Interaction of BDE-47 with nuclear receptors (NRs) based on the cytotoxicity: In vitro investigation and molecular interaction. *Ecotoxicology and Environmental Safety*, **2021**, 208, 111390	7	4
18	Assessment of the carcinogenic effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin using mouse embryonic stem cells to form teratoma in vivo. *Toxicology Letters*, **2019**, 312, 139-147	4.4	3
17	Polyfluorinated iodine alkanes regulated distinct breast cancer cell progression through binding with estrogen receptor alpha or beta isoforms. *Environmental Pollution*, **2018**, 239, 300-307	9.3	3
16	The mechanism of immunosuppression by perfluorooctanoic acid in BALB/c mice. *Toxicology Research*, **2014**, 3, 205	2.6	3
15	Efficient management strategy of COVID-19 patients based on cluster analysis and clinical decision tree classification. *Scientific Reports*, **2021**, 11, 9626	4.9	3
14	Possible role of extracellular vesicles in exogenous chemical exposure-associated health concern. *Journal of Environmental Sciences*, **2019**, 80, 1-4	6.4	3
13	Structure prediction of methyoxy-polybrominated diphenyl ethers (MeO-PBDEs) through GC-MS analysis of their corresponding PBDEs. *Talanta*, **2016**, 152, 9-14	6.2	2

12	Butyltin compounds in vinegar collected in Beijing: Species distribution and source investigation. *Science China Chemistry*, **2012**, 55, 323-328	7.9	2
11	Induced temperature-dependent DNA degradation by C60 without photoactivation. *Science Bulletin*, **2011**, 56, 3100-3107		2
10	Chirality of gold nanocluster affects its interaction with coagulation factor XII.. *NanoImpact*, **2021**, 22, 100321	5.6	2
9	Airborne particulate matters induce thrombopoiesis from megakaryocytes through regulating mitochondrial oxidative phosphorylation. *Particle and Fibre Toxicology*, **2021**, 18, 19	8.4	2
8	R□ktitelbild: Improved Biocompatibility of Black Phosphorus Nanosheets by Chemical Modification (Angew. Chem. 46/2017). *Angewandte Chemie*, **2017**, 129, 14966-14966	3.6	1
7	Response to Comment on "Thyroid Cancer Epidemic? A Socio-Environmental Health Problem Needs Collaborative Efforts". *Environmental Science & Technology*, **2020**, 54, 9711-9712	10.3	1
6	A case report of conjoined twins in medaka fish. *Molecular Reproduction and Development*, **2019**, 86, 1083-1085	2.6	1
5	Occurrence of synthetic phenolic antioxidants in foodstuffs from ten provinces in China and its implications for human dietary exposure.. *Food and Chemical Toxicology*, **2022**, 113134	4.7	1
4	Concentration profiles of a typical ultraviolet filter benzophenone-3 and its derivatives in municipal sewage sludge in China: Risk assessment in sludge-amended soil.. *Science of the Total Environment*, **2021**, 811, 152329	10.2	0
3	Constructing an MCF-7 breast cancer cell-based transient transfection assay for screening RAR□ (Ant)agonistic activities of emerging phenolic compounds.. *Journal of Hazardous Materials*, **2022**, 435, 129024	12.8	0
2	A high-throughput assay for screening the abilities of per- and polyfluoroalkyl substances in inducing plasma kallikrein-like activity.. *Ecotoxicology and Environmental Safety*, **2022**, 234, 113381	7	
1	Environmental obesogen: More considerations about the potential cause of obesity epidemic.. *Ecotoxicology and Environmental Safety*, **2022**, 239, 113613	7	