Guangyu Li

List of Publications by Year
in descending order

36 papers	1,430 citations	279798 23 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	1346 citing authors

#	Article	IF	Citations
1	The role of apoptosis in MCLR-induced developmental toxicity in zebrafish embryos. Aquatic Toxicology, 2014, 149, 25-32.	4.0	98
2	Microcystin-LR exposure induces developmental neurotoxicity in zebrafish embryo. Environmental Pollution, 2016, 213, 793-800.	7.5	93
3	A Proteomic Analysis of MCLR-induced Neurotoxicity: Implications for Alzheimer's Disease. Toxicological Sciences, 2012, 127, 485-495.	3.1	86
4	Waterborne exposure to microcystin-LR alters thyroid hormone levels and gene transcription in the hypothalamicâ€“pituitaryâ€“thyroid axis in zebrafish larvae. Chemosphere, 2012, 87, 1301-1307.	8.2	81
5	Protein expression profiling in the zebrafish (<i>Danio rerio</i>) embryos exposed to the microcystinâ€LR. Proteomics, 2011, 11, 2003-2018.	2.2	71
6	Prolonged exposure to low-dose microcystin induces nonalcoholic steatohepatitis in mice: a systems toxicology study. Archives of Toxicology, 2017, 91, 465-480.	4.2	71
7	The profound effects of microcystin on cardiac antioxidant enzymes, mitochondrial function and cardiac toxicity in rat. Toxicology, 2009, 257, 86-94.	4.2	70
8	Microcystin-induced variations in transcription of GSTs in an omnivorous freshwater fish, goldfish. Aquatic Toxicology, 2008, 88, 75-80.	4.0	69
9	Parental exposure to microcystin-LR induced thyroid endocrine disruption in zebrafish offspring, a transgenerational toxicity. Environmental Pollution, 2017, 230, 981-988.	7.5	65
10	Reproduction impairment and endocrine disruption in female zebrafish after long-term exposure to MC-LR: A life cycle assessment. Environmental Pollution, 2016, 208, 477-485.	7.5	62
11	Parental transfer of microcystin-LR induced transgenerational effects of developmental neurotoxicity in zebrafish offspring. Environmental Pollution, 2017, 231, 471-478.	7.5	61
12	Exposure to PFDoA causes disruption of the hypothalamus-pituitary-thyroid axis in zebrafish larvae. Environmental Pollution, 2018, 235, 974-982.	7.5	46
13	Life-cycle exposure to microcystin-LR interferes with the reproductive endocrine system of male zebrafish. Aquatic Toxicology, 2016, 175, 205-212.	4.0	43
14	Microcystin-LR exposure induced nephrotoxicity by triggering apoptosis in female zebrafish. Chemosphere, 2019, 214, 598-605.	8.2	43
15	A proteomic analysis of prenatal transfer of microcystin-LR induced neurotoxicity in rat offspring. Journal of Proteomics, 2015, 114, 197-213.	2.4	42
16	The joint effect of parental exposure to microcystin-LR and polystyrene nanoplastics on the growth of zebrafish offspring. Journal of Hazardous Materials, 2021, 410, 124677.	12.4	42
17	Perfluorododecanoic acid exposure induced developmental neurotoxicity in zebrafish embryos. Environmental Pollution, 2018, 241, 1018-1026.	7.5	40
18	Microcystin-LR induces changes in the GABA neurotransmitter system of zebrafish. Aquatic Toxicology, 2017, 188, 170-176.	4.0	39

#	Article	IF	Citations
19	The proteomic study on cellular responses of the testes of zebrafish (<i>Danio rerio</i>) exposed to microcystinâ€RR. Proteomics, 2012, 12, 300-312.	2.2	38
20	Microcystin-RR exposure results in growth impairment by disrupting thyroid endocrine in zebrafish larvae. Aquatic Toxicology, 2015, 164, 16-22.	4.0	37
21	Co-exposure with titanium dioxide nanoparticles exacerbates MCLR-induced brain injury in zebrafish. Science of the Total Environment, 2019, 693, 133540.	8.0	29
22	Microcystin-LR exposure decreased the fetal weight of mice by disturbance of placental development and ROS-mediated endoplasmic reticulum stress in the placenta. Environmental Pollution, 2020, 256, 113362.	7.5	26
23	Mechanisms of parental co-exposure to polystyrene nanoplastics and microcystin-LR aggravated hatching inhibition of zebrafish offspring. Science of the Total Environment, 2021, 774, 145766.	8.0	25
24	Adverse reproductive performance in zebrafish with increased bioconcentration of microcystin-LR in the presence of titanium dioxide nanoparticles. Environmental Science: Nano, 2018, 5, 1208-1217.	4.3	23
25	Bioaccumulation, metabolism and endocrine-reproductive effects of metolachlor and its S-enantiomer in adult zebrafish (Danio rerio). Science of the Total Environment, 2022, 802, 149826.	8.0	21
26	Characterization of a bystander effect induced by the endocrine-disrupting chemical 6-propyl-2-thiouracil in zebrafish embryos. Aquatic Toxicology, 2012, 118-119, 108-115.	4.0	20
27	Molecular mechanism of reproductive toxicity induced by beta-cypermethrin in zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 239, 108894.	2.6	19
28	Quantitative profiling of mRNA expression of glutathione <i>S</i>â€transferase superfamily genes in various tissues of bighead carp (<i>Aristichthys nobilis</i>). Journal of Biochemical and Molecular Toxicology, 2010, 24, 250-259.	3.0	14
29	Parental transfer of titanium dioxide nanoparticle aggravated MCLR-induced developmental toxicity in zebrafish offspring. Environmental Science: Nano, 2018, 5, 2952-2965.	4.3	11
30	Paternal exposure to microcystin-LR triggers developmental neurotoxicity in zebrafish offspring via an epigenetic mechanism involving MAPK pathway. Science of the Total Environment, 2021, 792, 148437.	8.0	11
31	The presence of polystyrene nanoplastics enhances the MCLR uptake in zebrafish leading to the exacerbation of oxidative liver damage. Science of the Total Environment, 2022, 818, 151749.	8.0	11
32	Acute effects of microcystins on the transcription of 14 glutathione <i>S</i>â€transferase isoforms in Wistar rat. Environmental Toxicology, 2011, 26, 187-194.	4.0	9
33	Identification and expression profile of Id1 in bighead carp in response to microcystin-LR. Environmental Toxicology and Pharmacology, 2012, 34, 324-333.	4.0	7
34	Transcriptional responses of mu-, pi- and omega-class glutathione S-transferase genes in the hepatopancreas of Cipangopaludina cahayensis exposed to microcystin-LR. Science Bulletin, 2014, 59, 3153-3161.	1.7	3
35	Identification of cda gene in bighead carp and its expression in response to microcystin-LR. Ecotoxicology and Environmental Safety, 2012, 79, 206-213.	6.0	2
36	Establishment of a three-step method to evaluate effects of chemicals on development of zebrafish embryo/larvae. Chemosphere, 2017, 186, 209-217.	8.2	2