

Zhi-hua Li

List of Publications by Year in descending order

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84
papers

2,546
citations

136950

32
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206112

48
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84
docs citations

84
times ranked

2432
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute toxicity of carbamazepine to juvenile rainbow trout (<i>Oncorhynchus mykiss</i>): Effects on antioxidant responses, hematological parameters and hepatic EROD. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 319-327.	6.0	144
2	Hepatic antioxidant status and hematological parameters in rainbow trout, <i>Oncorhynchus mykiss</i> , after chronic exposure to carbamazepine. <i>Chemico-Biological Interactions</i> , 2010, 183, 98-104.	4.0	136
3	Comparison of the effects of four anaesthetics on blood biochemical profiles and oxidative stress biomarkers in rainbow trout. <i>Aquaculture</i> , 2011, 310, 369-375.	3.5	131
4	Chronic toxicity of verapamil on juvenile rainbow trout (<i>Oncorhynchus mykiss</i>): Effects on morphological indices, hematological parameters and antioxidant responses. <i>Journal of Hazardous Materials</i> , 2011, 185, 870-880.	12.4	117
5	Evaluating the Impacts of Osmotic and Oxidative Stress on Common Carp (<i>Cyprinus carpio</i> , L.) Sperm Caused by Cryopreservation Techniques ¹ . <i>Biology of Reproduction</i> , 2010, 83, 852-858.	2.7	100
6	Effects of nitrite on lethal and immune response of <i>Macrobrachium nipponense</i> . <i>Aquaculture</i> , 2004, 232, 679-686.	3.5	97
7	Changes in abundance of larvae of the four domestic Chinese carps in the middle reach of the Yangtze River, China, before and after closing of the Three Gorges Dam. <i>Environmental Biology of Fishes</i> , 2009, 86, 13-22.	1.0	91
8	Effects of exposure to sublethal propiconazole on the antioxidant defense system and Na ⁺ -K ⁺ -ATPase activity in brain of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquatic Toxicology</i> , 2010, 98, 297-303.	4.0	85
9	Use of hematological and plasma biochemical parameters to assess the chronic effects of a fungicide propiconazole on a freshwater teleost. <i>Chemosphere</i> , 2011, 83, 572-578.	8.2	77
10	Single and combined effects of selected pharmaceuticals at sublethal concentrations on multiple biomarkers in <i>Carassius auratus</i> . <i>Ecotoxicology</i> , 2012, 21, 353-361.	2.4	73
11	Responses of antioxidant status and Na ⁺ -K ⁺ -ATPase activity in gill of rainbow trout, <i>Oncorhynchus mykiss</i> , chronically treated with carbamazepine. <i>Chemosphere</i> , 2009, 77, 1476-1481.	8.2	63
12	Effect of human pharmaceutical Carbamazepine on the quality parameters and oxidative stress in common carp (<i>Cyprinus carpio</i> L.) spermatozoa. <i>Chemosphere</i> , 2010, 80, 530-534.	8.2	63
13	Modulation of antioxidant defence system in brain of rainbow trout (<i>Oncorhynchus mykiss</i>) after chronic carbamazepine treatment. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 151, 137-141.	2.6	57
14	Effect of intermittent starvation on growth and some antioxidant indexes of <i>Macrobrachium nipponense</i> (De Haan). <i>Aquaculture Research</i> , 2009, 40, 526-532.	1.8	53
15	Multiple biomarkers responses in juvenile rainbow trout, <i>Oncorhynchus mykiss</i> , after acute exposure to a fungicide propiconazole. <i>Environmental Toxicology</i> , 2013, 28, 119-126.	4.0	49
16	Physiological condition status and muscle-based biomarkers in rainbow trout (<i>Oncorhynchus mykiss</i>) after long-term exposure to propiconazole. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1391-1396.	2.8	48
17	Influence of environmental related concentrations of heavy metals on motility parameters and antioxidant responses in sturgeon sperm. <i>Chemico-Biological Interactions</i> , 2010, 188, 473-477.	4.0	48
18	Biochemical and physiological responses in liver and muscle of rainbow trout after long-term exposure to propiconazole. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1391-1396.	6.0	48

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19	Effect of a human pharmaceutical carbamazepine on antioxidant responses in brain of a model teleost <i>in vitro</i> : an efficient approach to biomonitoring. <i>Journal of Applied Toxicology</i> , 2010, 30, 644-648.	2.8	46
20	Effects of waterborne cadmium on thyroid hormone levels and related gene expression in Chinese rare minnow larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 161, 53-57.	2.6	43
21	Evaluation of tributyltin toxicity in Chinese rare minnow larvae by abnormal behavior, energy metabolism and endoplasmic reticulum stress. <i>Chemico-Biological Interactions</i> , 2015, 227, 32-36.	4.0	42
22	Enzymatic alterations and RNA/DNA ratio in intestine of rainbow trout, <i>Oncorhynchus mykiss</i> , induced by chronic exposure to carbamazepine. <i>Ecotoxicology</i> , 2010, 19, 872-878.	2.4	41
23	Effects of exposure to sublethal propiconazole on intestine-related biochemical responses in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Chemico-Biological Interactions</i> , 2010, 185, 241-246.	4.0	41
24	Modulation of glutathione-related antioxidant defense system of fish chronically treated by the fungicide propiconazole. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 392-398.	2.6	41
25	Evaluating the toxicity of environmental concentrations of waterborne chromium (VI) to a model teleost, <i>oncorhynchus mykiss</i> : a comparative study of <i>in vivo</i> and <i>in vitro</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 402-407.	2.6	41
26	Molecular insights into 4-nitrophenol-induced hepatotoxicity in zebrafish: Transcriptomic, histological and targeted gene expression analyses. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4778-4789.	2.4	40
27	Molecular responses in digestive tract of juvenile common carp after chronic exposure to sublethal tributyltin. <i>Ecotoxicology and Environmental Safety</i> , 2014, 109, 10-14.	6.0	38
28	Effects of environmental norfloxacin concentrations on the intestinal health and function of juvenile common carp and potential risk to humans. <i>Environmental Pollution</i> , 2021, 287, 117612.	7.5	37
29	Evaluating environmental impact of STPs situated on streams in the Czech Republic: An integrated approach to biomonitoring the aquatic environment. <i>Water Research</i> , 2011, 45, 1403-1413.	11.3	35
30	Chronic Exposure to Tributyltin Induces Brain Functional Damage in Juvenile Common Carp (<i>Cyprinus</i>) Tj ETQq0 0 Q,rgBT /Overlock 10 T	2.5	35
31	Environmental co-exposure to TBT and Cd caused neurotoxicity and thyroid endocrine disruption in zebrafish, a three-generation study in a simulated environment. <i>Environmental Pollution</i> , 2020, 259, 113868.	7.5	35
32	Review on endocrine disrupting toxicity of triphenyltin from the perspective of species evolution: Aquatic, amphibious and mammalian. <i>Chemosphere</i> , 2021, 269, 128711.	8.2	35
33	Ecotoxicological effects of short-term exposure to a human pharmaceutical Verapamil in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 385-391.	2.6	34
34	Effects of low concentrations of triphenyltin on neurobehavior and the thyroid endocrine system in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109776.	6.0	34
35	RNA-Sequencing Analysis of TCDD-Induced Responses in Zebrafish Liver Reveals High Relatedness to <i>In Vivo</i> Mammalian Models and Conserved Biological Pathways. <i>PLoS ONE</i> , 2013, 8, e77292.	2.5	30
36	Effects of Mercury on Oxidative Stress and Gene Expression of Potential Biomarkers in Larvae of the Chinese Rare Minnow <i>Gobiocypris Rarus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 245-251.	4.1	28

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37	Parental exposure to triphenyltin inhibits growth and disrupts thyroid function in zebrafish larvae. <i>Chemosphere</i> , 2020, 240, 124936.	8.2	27
38	Evaluating the function of calcium antagonist on the Cd-induced stress in sperm of Russian sturgeon, <i>Acipenser gueldenstaedtii</i> . <i>Aquatic Toxicology</i> , 2010, 100, 373-375.	4.0	20
39	Responses of the hepatic glutathione antioxidant defense system and related gene expression in juvenile common carp after chronic treatment with tributyltin. <i>Ecotoxicology</i> , 2015, 24, 700-705.	2.4	20
40	Effects of the tributyltin on the blood parameters, immune responses and thyroid hormone system in zebrafish. <i>Environmental Pollution</i> , 2021, 268, 115707.	7.5	20
41	Response of growth performance, serum biochemical parameters, antioxidant capacity, and digestive enzyme activity to different feeding strategies in common carp (<i>Cyprinus carpio</i>) under high-temperature stress. <i>Aquaculture</i> , 2022, 548, 737636.	3.5	19
42	Hepatotoxicity in carp (<i>Cyprinus carpio</i>) exposed to environmental levels of norfloxacin (NOR): Some latest evidences from transcriptomics analysis, biochemical parameters and histopathological changes. <i>Chemosphere</i> , 2021, 283, 131210.	8.2	18
43	Triphenyltin exposure causes changes in health-associated gut microbiome and metabolites in marine medaka. <i>Environmental Pollution</i> , 2021, 288, 117751.	7.5	18
44	Regulation of spermatozoa motility in response to cations in Russian sturgeon <i>Acipenser gueldenstaedtii</i> . <i>Theriogenology</i> , 2012, 78, 102-109.	2.1	13
45	Percoll gradient separation of cryopreserved common carp spermatozoa to obtain a fraction with higher motility, velocity and membrane integrity. <i>Theriogenology</i> , 2010, 74, 1356-1361.	2.1	11
46	Alteration of thyroid hormone levels and related gene expression in Chinese rare minnow larvae exposed to mercury chloride. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 325-331.	4.0	11
47	Neurotoxicity and physiological stress in brain of zebrafish chronically exposed to tributyltin. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 20-30.	2.3	11
48	Biochemical responses in gills of rainbow trout exposed to propiconazole. <i>Open Life Sciences</i> , 2011, 6, 84-90.	1.4	10
49	Hepatic Proteome Sensitivity in Rainbow Trout after Chronically Exposed to a Human Pharmaceutical Verapamil. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.008409.	3.8	10
50	Distribution and Risk Assessment of Toxic Pollutants in Surface Water of the Lower Yellow River, China. <i>Water (Switzerland)</i> , 2021, 13, 1582.	2.7	10
51	Plant and Animal-Type Feedstuff Shape the Gut Microbiota and Metabolic Processes of the Chinese Mitten Crab <i>Eriocheir sinensis</i> . <i>Frontiers in Veterinary Science</i> , 2021, 8, 589624.	2.2	10
52	Physiological and molecular responses in brain of juvenile common carp (<i>Cyprinus carpio</i>) following exposure to tributyltin. <i>Environmental Toxicology</i> , 2016, 31, 278-284.	4.0	9
53	Chronic effects of tributyltin on multiple biomarkers responses in juvenile common carp, <i>Cyprinus carpio</i> . <i>Environmental Toxicology</i> , 2016, 31, 937-944.	4.0	9
54	Effects of temperature fluctuation on endocrine disturbance of grass carp <i>Ctenopharyngodon idella</i> under mercury chloride stress. <i>Chemosphere</i> , 2021, 263, 128137.	8.2	9

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55	Toxicity of organotin compounds and the ecological risk of organic tin with co-existing contaminants in aquatic organisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 246, 109054.	2.6	9
56	Effect of Tributyltin, Cadmium, and Their Combination on Physiological Responses in Juvenile Grass Carp. <i>Journal of Aquatic Animal Health</i> , 2016, 28, 181-186.	1.4	8
57	Triphenyltin exposure alters the antioxidant system, energy metabolism and the expression of genes related to physiological stress in zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 225, 108581.	2.6	8
58	Tributyltin Induces the Tissue-Specific Stresses in Zebrafish, a Study in Various Tissues of Muscle, Gill and Intestine. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 847-852.	2.7	8
59	Toxicity evaluation of triphenyltin in zebrafish larvae by embryonic malformation, retinal development, and GH/IGF axis. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 2101-2107.	2.3	8
60	Transcriptomic and proteomic analysis of Chinese rare minnow (<i>Gobiocypris rarus</i>) larvae in response to acute waterborne cadmium or mercury stress. <i>Aquatic Toxicology</i> , 2022, 246, 106134.	4.0	8
61	Comparative protein profiles: Potential molecular markers from spermatozoa of Acipenseriformes (<i>Chondrostei, Pisces</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2010, 5, 302-307.	1.0	7
62	Protective Roles of Calcium Channel Blocker Against Cadmium-Induced Physiological Stress in Freshwater Teleost <i>Oncorhynchus mykiss</i> . <i>Water, Air, and Soil Pollution</i> , 2011, 220, 293-299.	2.4	6
63	Toxicity of Tributyltin in Juvenile Common Carp (<i>Cyprinus Carpio</i>): Physiological Responses, Hepatic Gene Expression, and Stress Protein Profiling. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 91-96.	3.0	6
64	Alteration of cytochrome P450 1 regulation and HSP 70 level in brain of juvenile common carp (<i>Cyprinus carpio</i>) after chronic exposure to tributyltin. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 287-294.	2.3	6
65	Interactive effects of temperature and mercury exposure on the stress-related responses in the freshwater fish <i>Ctenopharyngodon idella</i> . <i>Aquaculture Research</i> , 2021, 52, 2070-2077.	1.8	6
66	Effects of chronic exposure to tributyltin on tissue-specific cytochrome P450 1 regulation in juvenile common carp. <i>Xenobiotica</i> , 2016, 46, 511-515.	1.1	5
67	Regulation of glutathione-dependent antioxidant defense system of grass carp <i>Ctenopharyngodon idella</i> under the combined stress of mercury and temperature. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1689-1696.	5.3	5
68	Reproductive toxicity of environmental levels of triphenyltin to the marine rotifer, <i>Brachionus plicatilis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 254, 109272.	2.6	5
69	Phytotoxicity of environmental norfloxacin concentrations on the aquatic plant <i>Spirodela polyrrhiza</i> : Evaluation of growth parameters, photosynthetic toxicity and biochemical traits. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 258, 109365.	2.6	5
70	Effects of long-term exposure of norfloxacin on the HPG and HPT axes in juvenile common carp. <i>Environmental Science and Pollution Research</i> , 2022, 29, 44513-44522.	5.3	4
71	Chronic Toxic Effects of Waterborne Mercury on Silver Carp (<i>Hypophthalmichthys molitrix</i>) Larvae. <i>Water (Switzerland)</i> , 2022, 14, 1774.	2.7	4
72	Aquatic Environmental Health and Toxicology. <i>BioMed Research International</i> , 2016, 2016, 1-2.	1.9	3

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73	A latest review on the application of microcosm model in environmental research. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60438-60447.	5.3	3
74	Effects of tralopyril on histological, biochemical and molecular impacts in Pacific oyster, <i>Crassostrea gigas</i> . <i>Chemosphere</i> , 2022, 289, 133157.	8.2	3
75	Effects of short-term exposure to tralopyril on physiological indexes and endocrine function in turbot (<i>Scophthalmus maximus</i>). <i>Aquatic Toxicology</i> , 2022, 245, 106118.	4.0	3
76	Exposure to enrofloxacin and depuration: Endocrine disrupting effect in juvenile grass carp (<i>Ctenopharyngodon idella</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109358.	2.6	3
77	Temperature Affects Hg-Induced Antioxidant Responses in Chinese Rare Minnow <i>Gobiocypris rarus</i> Larvae In Vitro. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 666-669.	2.7	2
78	Physiological Responses in Chinese Rare Minnow Larvae Following Exposure to Low-Dose Tributyltin. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 588-592.	2.7	2
79	Tissue-specific stress and hepatic DNA damage in <i>Pelteobagrus fulvidraco</i> caused by low concentrations of cadmium. <i>Toxicological and Environmental Chemistry</i> , 2016, 98, 90-100.	1.2	2
80	A Mini-review of the Toxicity of Pollutants to Fish Under Different Salinities. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 108, 1001-1005.	2.7	2
81	Fish and Crayfish Toxicology. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	1
82	Alteration of Antioxidant Response and Expression of Related Genes by Cadmium in Chinese Rare Minnow Larvae. <i>Clean - Soil, Air, Water</i> , 2015, 43, 671-675.	1.1	1
83	Molecular insights of organochlorine biocide-induced toxicity in zebrafish: Whole-adult-organism toxicogenomics, targeted gene expression and histological analyses. <i>Journal of Genetics and Genomics</i> , 2016, 43, 525-528.	3.9	1
84	Chronic exposure to tralopyril induced abnormal growth and calcium regulation of turbot (<i>Scophthalmus maximus</i>). <i>Chemosphere</i> , 2022, 299, 134405.	8.2	1