

Li Qiang Chen

List of Publications by Year in descending order

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29
papers

1,212
citations

471509

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotoxicity of Silver Nanoparticles to Red Blood Cells: Size Dependent Adsorption, Uptake, and Hemolytic Activity. <i>Chemical Research in Toxicology</i> , 2015, 28, 501-509.	3.3	245
2	Toxicity of graphene oxide and multi-walled carbon nanotubes against human cells and zebrafish. <i>Science China Chemistry</i> , 2012, 55, 2209-2216.	8.2	141
3	Carbon Nanotubes as a Low Background Signal Platform for a Molecular Aptamer Beacon on the Basis of Long-Range Resonance Energy Transfer. <i>Analytical Chemistry</i> , 2010, 82, 8432-8437.	6.5	104
4	Aptamer-Based Silver Nanoparticles Used for Intracellular Protein Imaging and Single Nanoparticle Spectral Analysis. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3655-3659.	2.6	86
5	Sensitive Discrimination and Detection of Prion Disease-Associated Isoform with a Dual-Aptamer Strategy by Developing a Sandwich Structure of Magnetic Microparticles and Quantum Dots. <i>Analytical Chemistry</i> , 2010, 82, 9736-9742.	6.5	74
6	Aptamer-Mediated Nanoparticle-Based Protein Labeling Platform for Intracellular Imaging and Tracking Endocytosis Dynamics. <i>Analytical Chemistry</i> , 2012, 84, 3099-3110.	6.5	55
7	Responses of species and phylogenetic diversity of fish communities in the Lancang River to hydropower development and exotic invasions. <i>Ecological Indicators</i> , 2018, 90, 261-279.	6.3	47
8	Global Trends in Dam Removal and Related Research: A Systematic Review Based on Associated Datasets and Bibliometric Analysis. <i>Chinese Geographical Science</i> , 2019, 29, 1-12.	3.0	42
9	Large-scale cascaded dam constructions drive taxonomic and phylogenetic differentiation of fish fauna in the Lancang River, China. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 895-916.	4.9	41
10	Visual detection of cobalt(ii) ion in vitro and tissue with a new type of leaf-like molecular microcrystal. <i>Chemical Communications</i> , 2011, 47, 2562.	4.1	40
11	Adenosine aptamer recognition-induced assembly of gold nanorods and a highly sensitive plasmon resonance coupling assay of adenosine in the brain of model SD rat. <i>Analyst</i> , 2010, 135, 2826.	3.5	37
12	Surface charge-dependent bioaccumulation dynamics of silver nanoparticles in freshwater algae. <i>Chemosphere</i> , 2020, 247, 125936.	8.2	33
13	Ultra-sensitive detection of prion protein with a long range resonance energy transfer strategy. <i>Chemical Communications</i> , 2010, 46, 8285.	4.1	32
14	Metabolic profiling of silver nanoparticle toxicity in <i>Microcystis aeruginosa</i> . <i>Environmental Science: Nano</i> , 2018, 5, 2519-2530.	4.3	28
15	Cytotoxicity of cuprous oxide nanoparticles to fish blood cells: hemolysis and internalization. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	27
16	Proteomic profiling reveals the differential toxic responses of gills of common carp exposed to nanosilver and silver nitrate. <i>Journal of Hazardous Materials</i> , 2020, 394, 122562.	12.4	26
17	Integration of transcriptomics and metabolomics reveals damage and recovery mechanisms of fish gills in response to nanosilver exposure. <i>Aquatic Toxicology</i> , 2021, 237, 105895.	4.0	23
18	Fish Assemblage Responses to a Low-head Dam Removal in the Lancang River. <i>Chinese Geographical Science</i> , 2019, 29, 26-36.	3.0	21

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19	Blooming cyanobacteria alter water flea reproduction via exudates of estrogen analogues. <i>Science of the Total Environment</i> , 2019, 696, 133909.	8.0	19
20	Intensive epidermal adsorption and specific venous deposition of carboxyl quantum dots in zebrafish early-life stages. <i>Chemosphere</i> , 2017, 184, 44-52.	8.2	15
21	Proteomics reveals surface electrical property-dependent toxic mechanisms of silver nanoparticles in <i>Chlorella vulgaris</i> . <i>Environmental Pollution</i> , 2020, 265, 114743.	7.5	14
22	Health risk assessment of heavy metals in <i>Cyprinus carpio</i> (Cyprinidae) from the upper Mekong River. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9490-9499.	5.3	13
23	A Visual Dual-Aptamer Logic Gate for Sensitive Discrimination of Prion Diseases-Associated Isoform with Reusable Magnetic Microparticles and Fluorescence Quantum Dots. <i>PLoS ONE</i> , 2013, 8, e53935.	2.5	13
24	Explaining freshwater fish biogeography: history versus environment versus species personality. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 523-536.	4.9	12
25	Hydrogeomorphic factors drive differences in otolith morphology in fish from the Nu Salween River. <i>Ecology of Freshwater Fish</i> , 2019, 28, 132-140.	1.4	11
26	Poly(thymine)-templated copper nanoparticles as a fluorescence probe for highly selective and rapid detection of cysteine. <i>Spectroscopy Letters</i> , 2017, 50, 137-142.	1.0	7
27	Ecological risk assessment of heavy metals in fish from the Dianchi Lake, China using the integrated biomarker response approach. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45712-45721.	5.3	5
28	The complete mitogenome of <i>Schizopygopsis stoliczkai</i> (Cypriniformes: Cyprinidae) from Western China. <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 664-665.	0.4	1
29	Histology and ultrastructure of the gill in the teleost <i>Schizothorax nukiangensis</i> . <i>Journal of Fishery Sciences of China</i> , 2018, 25, 1183.	0.2	0