

Qian Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,668
citations

304368

22
h-index

288905

40
g-index

46
all docs

46
docs citations

46
times ranked

2672
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylcrotonyl-CoA Carboxylase Regulates Triacylglycerol Accumulation in the Model Diatom <i>Phaeodactylum tricornutum</i> . <i>Plant Cell</i> , 2014, 26, 1681-1697.	3.1	136
2	Systematic identification of arsenic-binding proteins reveals that hexokinase-2 is inhibited by arsenic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15084-15089.	3.3	126
3	Acetylome Analysis Reveals the Involvement of Lysine Acetylation in Photosynthesis and Carbon Metabolism in the Model Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Proteome Research</i> , 2015, 14, 1275-1286.	1.8	119
4	In vivo study on the effects of microcystin extracts on the expression profiles of proto-oncogenes (c-fos, c-jun and c-myc) in liver, kidney and testis of male Wistar rats injected i.v. with toxins. <i>Toxicol</i> , 2009, 53, 169-175.	0.8	83
5	Quantitative Proteomics Reveals the Regulatory Networks of Circular RNA CDR1as in Hepatocellular Carcinoma Cells. <i>Journal of Proteome Research</i> , 2017, 16, 3891-3902.	1.8	77
6	Global Phosphoproteomic Analysis Reveals Diverse Functions of Serine/Threonine/Tyrosine Phosphorylation in the Model Cyanobacterium <i>Synechococcus</i> sp. Strain PCC 7002. <i>Journal of Proteome Research</i> , 2013, 12, 1909-1923.	1.8	72
7	The profound effects of microcystin on cardiac antioxidant enzymes, mitochondrial function and cardiac toxicity in rat. <i>Toxicology</i> , 2009, 257, 86-94.	2.0	70
8	Microcystin-induced variations in transcription of GSTs in an omnivorous freshwater fish, goldfish. <i>Aquatic Toxicology</i> , 2008, 88, 75-80.	1.9	69
9	Identification of Novel miR-21 Target Proteins in Multiple Myeloma Cells by Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2012, 11, 2078-2090.	1.8	66
10	Bcl2-associated Athanogene 3 Interactome Analysis Reveals a New Role in Modulating Proteasome Activity. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2804-2819.	2.5	62
11	Involment of p53, Bax, and Bcl2 pathway in microcystins-induced apoptosis in rat testis. <i>Environmental Toxicology</i> , 2011, 26, 111-117.	2.1	56
12	Proteogenomic analysis and global discovery of posttranslational modifications in prokaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5633-42.	3.3	55
13	Acute effects of microcystins exposure on the transcription of antioxidant enzyme genes in three organs (liver, kidney, and testis) of male Wistar rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2010, 24, 361-367.	1.4	50
14	Involvement of Fas/FasL system in apoptotic signaling in testicular germ cells of male Wistar rats injected i.v. with microcystins. <i>Toxicol</i> , 2009, 54, 1-7.	0.8	44
15	Quantitative Proteomics Analysis Reveals Novel Insights into Mechanisms of Action of Long Noncoding RNA Hox Transcript Antisense Intergenic RNA (HOTAIR) in HeLa Cells*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1447-1463.	2.5	44
16	Integrated Transcriptomic and Proteomic Analysis of the Global Response of <i>Synechococcus</i> to High Light Stress*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1038-1053.	2.5	44
17	Microcystin extracts induce ultrastructural damage and biochemical disturbance in male rabbit testis. <i>Environmental Toxicology</i> , 2010, 25, 9-17.	2.1	40
18	The effect of cyanobacterial crude extract on the transcription of GST mu, GST kappa and GST rho in different organs of goldfish (<i>Carassius auratus</i>). <i>Aquatic Toxicology</i> , 2008, 90, 1-7.	1.9	38

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19	The proteomic study on cellular responses of the testes of zebrafish (<i>Danio rerio</i>) exposed to microcystin-LR. <i>Proteomics</i> , 2012, 12, 300-312.	1.3	38
20	Integrated Proteomic and Transcriptomic Analysis Reveals Long Noncoding RNA HOX Transcript Antisense Intergenic RNA (HOTAIR) Promotes Hepatocellular Carcinoma Cell Proliferation by Regulating Opioid Growth Factor Receptor (OGFr). <i>Molecular and Cellular Proteomics</i> , 2018, 17, 146-159.	2.5	33
21	Proteomics studies on stress responses in diatoms. <i>Proteomics</i> , 2015, 15, 3943-3953.	1.3	30
22	14-3-3 β Interacts with Stat3 and Regulates Its Constitutive Activation in Multiple Myeloma Cells. <i>PLoS ONE</i> , 2012, 7, e29554.	1.1	25
23	Quantitative proteomic strategies for the identification of microRNA targets. <i>Expert Review of Proteomics</i> , 2012, 9, 549-559.	1.3	22
24	Phosphoproteomic Analysis of Protein Phosphorylation Networks in <i>Tetrahymena thermophila</i> , a Model Single-celled Organism. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 503-519.	2.5	21
25	Characterization of the Translationally Controlled Tumor Protein (TCTP) Interactome Reveals Novel Binding Partners in Human Cancer Cells. <i>Journal of Proteome Research</i> , 2016, 15, 3741-3751.	1.8	21
26	Proteomic analysis of post translational modifications in cyanobacteria. <i>Journal of Proteomics</i> , 2016, 134, 57-64.	1.2	20
27	Analysis of MicroRNA Expression in Embryonic Developmental Toxicity Induced by MC-LR. <i>PLoS ONE</i> , 2011, 6, e22676.	1.1	18
28	Desiccation enhances phosphorylation of <i>PSII</i> and affects the distribution of protein complexes in the thylakoid membrane. <i>Physiologia Plantarum</i> , 2015, 153, 492-502.	2.6	18
29	QUICK identification and SPR validation of signal transducers and activators of transcription 3 (Stat3) interacting proteins. <i>Journal of Proteomics</i> , 2012, 75, 1055-1066.	1.2	17
30	Transcriptional alteration of cytoskeletal genes induced by microcystins in three organs of rats. <i>Toxicol</i> , 2010, 55, 1378-1386.	0.8	16
31	Identification and Expression Profiles of IL-8 in Bighead Carp (<i>Aristichthys nobilis</i>) in Response to Microcystin-LR. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 537-545.	2.1	16
32	Long noncoding RNA HOTAIR interacts with Y-Box Protein-1 (YBX1) to regulate cell proliferation. <i>Life Science Alliance</i> , 2021, 4, e202101139.	1.3	16
33	Acetylation-dependent SAGA complex dimerization promotes nucleosome acetylation and gene transcription. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 261-273.	3.6	15
34	Quantitative profiling of mRNA expression of glutathione <i>S</i> -transferase superfamily genes in various tissues of bighead carp (<i>Aristichthys nobilis</i>). <i>Journal of Biochemical and Molecular Toxicology</i> , 2010, 24, 250-259.	1.4	14
35	The circular RNA CDR1as regulate cell proliferation via TMED2 and TMED10. <i>BMC Cancer</i> , 2020, 20, 312.	1.1	14
36	The ecological risks of hydrogen peroxide as a cyanocide: its effect on the community structure of bacterioplankton. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 2231-2242.	0.6	13

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37	Acute effects of microcystins on the transcription of 14 glutathione <i>S</i> -transferase isoforms in Wistar rat. <i>Environmental Toxicology</i> , 2011, 26, 187-194.	2.1	9
38	Quantitative Proteomics Analysis Reveals Novel Targets of miR-21 in Zebrafish Embryos. <i>Scientific Reports</i> , 2017, 7, 4022.	1.6	9
39	Molecular phylogeny and taxonomy of the genus <i>Chaetophora</i> (Chlorophyceae, Chlorophyta), including descriptions of <i>Chaetophoropsis aershanensis</i> gen. et sp. nov.. <i>Journal of Phycology</i> , 2018, 55, 74-83.	1.0	9
40	Identification and expression profile of Id1 in bighead carp in response to microcystin-LR. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 324-333.	2.0	7
41	Chloroplast genomes and phylogenetic analysis of two species of <i>Oedocladium</i> (Oedogoniales), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 46	0.9	9
42	Cryptic species inside the genus <i>Hariotina</i> (Scenedesmaceae, Sphaeropleales), with descriptions of four new species in this genus. <i>European Journal of Phycology</i> , 2020, 55, 373-383.	0.9	4
43	Identification and evaluation of a panel of serum biomarkers for predicting response to thalidomide in multiple myeloma patients. <i>Expert Review of Proteomics</i> , 2011, 8, 439-442.	1.3	3
44	<i>Oncosaccus</i> : a rare green alga endemic to China belongs to Chaetopeltidales (Chlorophyceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.6	2
45	Comparative iTRAQ proteomics revealed proteins associated with lobed fin regeneration in Bichirs. <i>Proteome Science</i> , 2019, 17, 6.	0.7	0