

Shengming Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6161810/publications.pdf>

Version: 2024-02-01

67
papers

1,795
citations

257450

24
h-index

315739

38
g-index

67
all docs

67
docs citations

67
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of antibiotics and antibiotic resistance genes in cultured prawns from rice-prawn co-culture and prawn monoculture systems in China. <i>Science of the Total Environment</i> , 2022, 806, 150307.	8.0	12
2	Role of hypoxia in the behaviour, physiology, immunity and response mechanisms of crustaceans: A review. <i>Reviews in Aquaculture</i> , 2022, 14, 676-687.	9.0	30
3	Polystyrene microplastics induced male reproductive toxicity and transgenerational effects in freshwater prawn. <i>Science of the Total Environment</i> , 2022, 842, 156820.	8.0	21
4	Salinity acclimation alters acid and alkaline phosphatase expression and histological changes in the hepatopancreas of the oriental river prawn <i>Macrobrachium nipponense</i> (De Haan, 1849) (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	8.0	25
5	Comparative Phosphoproteomics Reveals a Role for AMPK in Hypoxia Signaling in Testes of Oriental River Prawn (<i>Macrobrachium nipponense</i>). <i>Journal of Proteome Research</i> , 2021, 20, 2923-2934.	3.7	9
6	InÂvivo visualization assay to evaluate the effects of maternal exposure to mercury on offspring bioaccumulation in the oriental river prawn (<i>Macrobrachium nipponense</i>). <i>Chemosphere</i> , 2021, 270, 129440.	8.2	1
7	Identification of neuropeptides from eyestalk transcriptome profiling analysis of female oriental river prawn (<i>Macrobrachium nipponense</i>) under hypoxia and reoxygenation conditions. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 241, 110392.	1.6	11
8	Identifying Neuropeptide and G Protein-Coupled Receptors of Juvenile Oriental River Prawn (<i>Macrobrachium nipponense</i>) in Response to Salinity Acclimation. <i>Frontiers in Endocrinology</i> , 2020, 11, 623.	3.5	12
9	Altered intestinal microbiota induced by chronic hypoxia drives the effects on lipid metabolism and the immune response of oriental river prawn <i>Macrobrachium nipponense</i> . <i>Aquaculture</i> , 2020, 526, 735431.	3.5	24
10	Aquatic hypoxia disturbs oriental river prawn (<i>Macrobrachium nipponense</i>) testicular development: A cross-generational study. <i>Environmental Pollution</i> , 2020, 266, 115093.	7.5	17
11	Molecular cloning, expression, and in situ hybridization analysis of MnGPx-3 and MnGPx-4 from oriental river prawn, <i>Macrobrachium nipponense</i> , in response to hypoxia and reoxygenation. <i>PLoS ONE</i> , 2020, 15, e0229171.	2.5	2
12	Analysis of testis metabolome and transcriptome from the oriental river prawn (<i>Macrobrachium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 and Physiology Part D: Genomics and Proteomics, 2020, 34, 100662.	1.0	25
13	Chronic exposure to dietary antibiotics affects intestinal health and antibiotic resistance gene abundance in oriental river prawn (<i>Macrobrachium nipponense</i>), and provokes human health risk. <i>Science of the Total Environment</i> , 2020, 720, 137478.	8.0	48
14	Molecular cloning, expression pattern analysis, and in situ hybridization of a Transformer-2 gene in the oriental freshwater prawn, <i>Macrobrachium nipponense</i> (de Haan, 1849). <i>3 Biotech</i> , 2019, 9, 205.	2.2	9
15	Identification and Characterization of Four Autophagy-Related Genes That Are Expressed in Response to Hypoxia in the Brain of the Oriental River Prawn (<i>Macrobrachium nipponense</i>). <i>International Journal of Molecular Sciences</i> , 2019, 20, 1856.	4.1	8
16	Identification and Characterization of the DMRT11E Gene in the Oriental River Prawn <i>Macrobrachium nipponense</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1734.	4.1	32
17	Identification of Candidate Genes for the Plateau Adaptation of a Tibetan Amphipod, <i>Gammarus lacustris</i> , Through Integration of Genome and Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 53.	2.3	14
18	Serum biochemistry, liver histology and transcriptome profiling of bighead carp <i>Aristichthys nobilis</i> following different dietary protein levels. <i>Fish and Shellfish Immunology</i> , 2019, 86, 832-839.	3.6	33

#	ARTICLE	IF	CITATIONS
19	Evaluating expression of autophagy-related genes in oriental river prawn <i>Macrobrachium nipponense</i> as potential biomarkers for hypoxia exposure. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 484-492.	6.0	16
20	Transcriptome profiling and histology changes in juvenile blunt snout bream (<i>Megalobrama</i>) Tj ETQq0 0 0 rgBT /Overlock 10 If 50 702 T	2.9	27
21	iTRAQ-based quantitative proteomic analysis of the androgenic glands of the oriental river prawn, <i>Macrobrachium nipponense</i> , during nonreproductive and reproductive seasons. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 26, 50-57.	1.0	27
22	Molecular Cloning, Characterization, and Expression of Crustacean Cardioactive Peptide in Oriental River Prawn, <i>Macrobrachium nipponense</i> , during Acute Hypoxia and Reoxygenation. <i>Journal of the World Aquaculture Society</i> , 2018, 49, 356-365.	2.4	15
23	Acute effects of ammonia exposure on the plasma and haematological parameters and histological structure of the juvenile blunt snout bream, <i>Megalobrama amblycephala</i> , and post-exposure recovery. <i>Aquaculture Research</i> , 2018, 49, 1008-1019.	1.8	28
24	Identification and characterization of opsin gene and its role in ovarian maturation in the oriental river prawn <i>Macrobrachium nipponense</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 218, 1-12.	1.6	50
25	Molecular Cloning and Expression of MnGST-1 and MnGST-2 from Oriental River Prawn, <i>Macrobrachium nipponense</i> , in Response to Hypoxia and Reoxygenation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3102.	4.1	14
26	Integrated metabolomic and transcriptomic analysis of brain energy metabolism in the male Oriental river prawn (<i>Macrobrachium nipponense</i>) in response to hypoxia and reoxygenation. <i>Environmental Pollution</i> , 2018, 243, 1154-1165.	7.5	34
27	Based on the Metabolomic Approach the Energy Metabolism Responses of Oriental River Prawn <i>Macrobrachium nipponense</i> Hepatopancreas to Acute Hypoxia and Reoxygenation. <i>Frontiers in Physiology</i> , 2018, 9, 76.	2.8	29
28	Hypoxia Induces Changes in AMP-Activated Protein Kinase Activity and Energy Metabolism in Muscle Tissue of the Oriental River Prawn <i>Macrobrachium nipponense</i> . <i>Frontiers in Physiology</i> , 2018, 9, 751.	2.8	24
29	Validation and Evaluation of Reference Genes for Quantitative Real-Time PCR in <i>Macrobrachium Nipponense</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2258.	4.1	71
30	A transcriptome study on <i>Macrobrachium nipponense</i> hepatopancreas experimentally challenged with white spot syndrome virus (WSSV). <i>PLoS ONE</i> , 2018, 13, e0200222.	2.5	24
31	Molecular Cloning and Expression Analysis of Lactate Dehydrogenase from the Oriental River Prawn <i>Macrobrachium nipponense</i> in Response to Hypoxia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1990.	4.1	15
32	Characterization, expression patterns of molt-inhibiting hormone gene of <i>Macrobrachium nipponense</i> and its roles in molting and growth. <i>PLoS ONE</i> , 2018, 13, e0198861.	2.5	30
33	Effects of dietary lipid sources on growth performance, fatty acid composition and hepatic lipid metabolism of juvenile blunt snout bream, <i>Megalobrama amblycephala</i> . <i>Aquaculture Nutrition</i> , 2018, 24, 1652-1663.	2.7	10
34	Molecular cloning, characterization and expression analysis of caspase-3 from the oriental river prawn, <i>Macrobrachium nipponense</i> when exposed to acute hypoxia and reoxygenation. <i>Fish and Shellfish Immunology</i> , 2017, 62, 291-302.	3.6	20
35	Molecular cloning, characterization, and temporal expression of the clock genes <i>period</i> and <i>timeless</i> in the oriental river prawn <i>Macrobrachium nipponense</i> during female reproductive development. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 207, 43-51.	1.8	11
36	Molecular cloning, mRNA expression and characterization of membrane-bound hemoglobin in oriental river prawn <i>Macrobrachium nipponense</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 207, 36-42.	1.8	11

#	ARTICLE	IF	CITATIONS
37	Effects of cholesterol on growth, feed utilization, body composition and immune parameters in juvenile oriental river prawn, <i>Macrobrachium nipponense</i> (De Haan). <i>Aquaculture Research</i> , 2017, 48, 4262-4271.	1.8	20
38	Dietary cholesterol-induced transcriptome differences in the intestine, hepatopancreas, and muscle of Oriental River prawn <i>Macrobrachium nipponense</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 23, 39-48.	1.0	13
39	Effects of dietary linolenic acid on growth, fatty acid composition, immune function and antioxidant status of juvenile blunt snout bream, <i>Megalobrama amblycephala</i> . <i>Aquaculture Research</i> , 2017, 48, 5430-5438.	1.8	11
40	Molecular insights into reproduction regulation of female Oriental River prawns <i>Macrobrachium nipponense</i> through comparative transcriptomic analysis. <i>Scientific Reports</i> , 2017, 7, 12161.	3.3	38
41	Dynamic mRNA and miRNA expression analysis in response to hypoxia and reoxygenation in the blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Scientific Reports</i> , 2017, 7, 12846.	3.3	16
42	Integrated analysis of microRNA and mRNA expression profiles during the sex-differentiation sensitive period in oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Scientific Reports</i> , 2017, 7, 12011.	3.3	22
43	Molecular Cloning and Functional Characterization of a Hexokinase from the Oriental River Prawn <i>Macrobrachium nipponense</i> in Response to Hypoxia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1256.	4.1	18
44	Experimental inoculation of oriental river prawn <i>Macrobrachium nipponense</i> with white spot syndrome virus (WSSV). <i>Diseases of Aquatic Organisms</i> , 2017, 126, 125-134.	1.0	18
45	Effects of stocking density on the individual growth and differentiation of the oriental river prawn <i>Macrobrachium nipponense</i> (de Haan, 1849) (Caridea: Palaemonidae). <i>Journal of Crustacean Biology</i> , 2016, 36, 769-775.	0.8	11
46	Molecular cloning, characterization, and expression analysis of p53 from the oriental river prawn, <i>Macrobrachium nipponense</i> , in response to hypoxia. <i>Fish and Shellfish Immunology</i> , 2016, 54, 68-76.	3.6	38
47	Comparative proteomic study of the response to hypoxia in the muscle of oriental river prawn (<i>Macrobrachium nipponense</i>). <i>Journal of Proteomics</i> , 2016, 138, 115-123.	2.4	31
48	Molecular characterization and gene expression of ferritin in blunt snout bream (<i>Megalobrama</i>)	3.6	10
49	De novo assembly of the blunt snout bream (<i>Megalobrama amblycephala</i>) gill transcriptome to identify ammonia exposure associated microRNAs and their targets. <i>Results in Immunology</i> , 2016, 6, 21-27.	2.2	12
50	Identification and comparative analysis of the oriental river prawn (<i>Macrobrachium nipponense</i>) microRNA expression profile during hypoxia using a deep sequencing approach. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 17, 41-47.	1.0	16
51	Molecular characterization and mRNA expression of hypoxia inducible factor-1 and cognate inhibiting factor in <i>Macrobrachium nipponense</i> in response to hypoxia. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 196-197, 48-56.	1.6	39
52	Molecular and functional characterization of the vitellogenin receptor in oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 194, 45-55.	1.8	35
53	Molecular characterization of insulin-like androgenic gland hormone-binding protein gene from the oriental river prawn <i>Macrobrachium nipponense</i> and investigation of its transcriptional relationship with the insulin-like androgenic gland hormone gene. <i>General and Comparative Endocrinology</i> , 2015, 216, 152-160.	1.8	63
54	Molecular characterization and developmental expression of vitellogenin in the oriental river prawn <i>Macrobrachium nipponense</i> and the effects of RNA interference and eyestalk ablation on ovarian maturation. <i>Gene</i> , 2015, 562, 22-31.	2.2	65

#	ARTICLE	IF	CITATIONS
55	Cloning of genomic sequences of three crustacean hyperglycemic hormone superfamily genes and elucidation of their roles of regulating insulin-like androgenic gland hormone gene. <i>Gene</i> , 2015, 561, 68-75.	2.2	51
56	Characterization, expression, and function analysis of gonad-inhibiting hormone in Oriental River prawn, <i>Macrobrachium nipponense</i> and its induced expression by temperature. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 185, 1-8.	1.8	92
57	Transcriptomic and histological analysis of hepatopancreas, muscle and gill tissues of oriental river prawn (<i>Macrobrachium nipponense</i>) in response to chronic hypoxia. <i>BMC Genomics</i> , 2015, 16, 491.	2.8	86
58	Molecular cloning, immunohistochemical localization, characterization and expression analysis of caspase-8 from the blunt snout bream (<i>Megalobrama amblycephala</i>) exposed to ammonia. <i>Fish and Shellfish Immunology</i> , 2015, 47, 645-654.	3.6	18
59	Identification of differentially expressed genes in hepatopancreas of oriental river prawn, <i>Macrobrachium nipponense</i> exposed to environmental hypoxia. <i>Gene</i> , 2014, 534, 298-306.	2.2	65
60	Molecular cloning of two tropomyosin family genes and expression analysis during development in oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Gene</i> , 2014, 546, 390-397.	2.2	24
61	Molecular cloning, tissue distribution and expression analysis of manganese superoxide dismutase in blunt snout bream <i>Megalobrama amblycephala</i> . <i>Fish and Shellfish Immunology</i> , 2014, 38, 340-347.	3.6	18
62	Identification and mRNA expression of antioxidant enzyme genes associated with the oxidative stress response in the Wuchang bream (<i>Megalobrama amblycephala</i> Yih) in response to acute nitrite exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 159, 69-77.	2.6	42
63	Nitrite-induced hepatotoxicity in Bluntnout bream (<i>Megalobrama amblycephala</i>): The mechanistic insight from transcriptome to physiology analysis. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 55-65.	4.0	37
64	Identification and characterization of a <i>Macrobrachium nipponense</i> ferritin subunit regulated by iron ion and pathogen challenge. <i>Fish and Shellfish Immunology</i> , 2014, 40, 288-295.	3.6	12
65	Identification of differentially expressed genes in hepatopancreas of oriental river prawn, <i>Macrobrachium nipponense</i> exposed to environmental hypoxia. <i>Gene</i> , 2014, 534, 298-306.	2.2	17
66	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2013, 13, .	0.9	17
67	Transcriptome Analysis of Androgenic Gland for Discovery of Novel Genes from the Oriental River Prawn, <i>Macrobrachium nipponense</i> , Using Illumina Hiseq 2000. <i>PLoS ONE</i> , 2013, 8, e76840.	2.5	78