

Zhigang Yang

List of Publications by Year in descending order

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22
papers

631
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759233

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677142

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all docs

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#	ARTICLE	IF	CITATIONS
1	Asymmetric $\hat{\pm}$ -Amination of 4-Substituted Pyrazolones Catalyzed by a Chiral Gd(OTf) ₃ /N,N-Dioxide Complex: Highly Enantioselective Synthesis of 4-Amino-5-pyrazolone Derivatives. <i>Organic Letters</i> , 2011, 13, 596-599.	4.6	116
2	Highly Enantioselective Synthesis of 3-Amino-2-oxindole Derivatives: Catalytic Asymmetric $\hat{\pm}$ -Amination of 3-Substituted 2-Oxindoles with a Chiral Scandium Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 6632-6637.	3.3	102
3	Highly Efficient Amine Organocatalysts Based on Bispidine for the Asymmetric Michael Addition of Ketones to Nitroolefins. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2001-2006.	4.3	62
4	Asymmetric Ring Opening of <i>meso</i> -Epoxides with Aromatic Amines Catalyzed by a New Proline-Based N,N-Dioxide-Indium Tris(triflate) Complex. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 385-390.	4.3	59
5	Cloning and tissue distribution of a fatty acyl $\hat{\pm}$ 6-desaturase-like gene and effects of dietary lipid levels on its expression in the hepatopancreas of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 99-105.	1.6	36
6	Polystyrene microplastics increase Pb bioaccumulation and health damage in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Science of the Total Environment</i> , 2022, 829, 154586.	8.0	34
7	Effects of dietary lipids on the hepatopancreas transcriptome of Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 2.5 25	2.5	25
8	Comparative transcriptome analysis reveals osmotic-regulated genes in the gill of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>PLoS ONE</i> , 2019, 14, e0210469.	2.5	24
9	Effects of the complete replacement of fish oil with linseed oil on growth, fatty acid composition, and protein expression in the Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Proteome Science</i> , 2018, 16, 6.	1.7	22
10	Effect of Interfacial Mn Partitioning on Carbon Partitioning and Interface Migration During the Quenching and Partitioning Process. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 3168-3174.	2.2	16
11	The Hyperglycemic Effect of Melatonin in the Chinese Mitten Crab, <i>Eriocheir sinensis</i> . <i>Frontiers in Physiology</i> , 2018, 9, 270.	2.8	14
12	Effects of salinity stress on osmotic pressure, free amino acids, and immune-associated parameters of the juvenile Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Aquaculture</i> , 2022, 549, 737776.	3.5	13
13	Moderate acidification mitigates the toxic effects of phenanthrene on the mitten crab <i>Eriocheir sinensis</i> . <i>Chemosphere</i> , 2022, 294, 133783.	8.2	9
14	Effects of dietary carbohydrate/lipid ratios on non-specific immune responses, antioxidant capacity, hepatopancreas and intestines histology, and expression of TLR-MAPK/NF- $\hat{\pm}$ B signaling pathway-related genes of <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , 2022, 124, 219-229.	3.6	7
15	Proteomic Analysis of the Hepatopancreas of Chinese Mitten Crabs (<i>Eriocheir sinensis</i>) Fed With a Linoleic Acid or $\hat{\pm}$ -Linolenic Acid Diet. <i>Frontiers in Physiology</i> , 2018, 9, 1430.	2.8	6
16	Effects of cadmium alone and in combination with pH on bioaccumulation, tissue structure, and enzyme activity of the Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 245, 109025.	2.6	6
17	Changes in calcium content, histopathology and calreticulin expression in the juvenile Chinese mitten crab <i>Eriocheir sinensis</i> under different salinity conditions. <i>Aquaculture Research</i> , 2021, 52, 5462-5471.	1.8	6
18	Coordination of Pre-oxidation Time and Temperature for a Better Corrosion Resistance to CO ₂ at 550°C. <i>Oxidation of Metals</i> , 2019, 91, 657-675.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Cloning and functional characterization of the DA2 receptor gene in Chinese mitten crab (<i>Eriocheir</i>) Tj ETQq1 1 0.784314 rgBT /Overl	2.5	4
20	Label-free quantification proteomics analysis reveals acute hyper-osmotic responsive proteins in the gills of Chinese mitten crab (<i>Eriocheir sinensis</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2022, 43, 101009.	1.0	4
21	Label-free quantification proteomics reveals the effects of dietary fish oil and soybean oil on the immune response of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Aquaculture Research</i> , 2018, 49, 2927-2937.	1.8	1
22	Evaluation of the inhibitory effects of four different microecological preparations on <i>Cladophora</i> . <i>Aquaculture International</i> , 0, , 1.	2.2	0