

Yun Wang

List of Publications by Year in descending order

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57
papers

1,922
citations

257450

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42
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58
all docs

58
docs citations

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times ranked

2212
citing authors

#	ARTICLE	IF	CITATIONS
1	The QTL GNP1 Encodes GA20ox1, Which Increases Grain Number and Yield by Increasing Cytokinin Activity in Rice Panicle Meristems. <i>PLoS Genetics</i> , 2016, 12, e1006386.	3.5	161
2	Effect of dietary <i>Clostridium butyricum</i> on growth, intestine health status and resistance to ammonia stress in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2017, 65, 25-33.	3.6	121
3	Oxidative stress response of the black tiger shrimp <i>Penaeus monodon</i> to <i>Vibrio parahaemolyticus</i> challenge. <i>Fish and Shellfish Immunology</i> , 2015, 46, 354-365.	3.6	118
4	Plant mass-density relationship along a moisture gradient in north-west China. <i>Journal of Ecology</i> , 2006, 94, 953-958.	4.0	115
5	Impairment of the intestine barrier function in <i>Litopenaeus vannamei</i> exposed to ammonia and nitrite stress. <i>Fish and Shellfish Immunology</i> , 2018, 78, 279-288.	3.6	114
6	Effect of dietary poly- β -hydroxybutyrate (PHB) on growth performance, intestinal health status and body composition of Pacific white shrimp <i>Litopenaeus vannamei</i> (Boone, 1931). <i>Fish and Shellfish Immunology</i> , 2017, 60, 520-528.	3.6	98
7	The Effects of dietary soybean isoflavones on growth, innate immune responses, hepatic antioxidant abilities and disease resistance of juvenile golden pompano <i>Trachinotus ovatus</i> . <i>Fish and Shellfish Immunology</i> , 2015, 43, 158-166.	3.6	96
8	Effect of the dietary probiotic <i>Clostridium butyricum</i> on growth, intestine antioxidant capacity and resistance to high temperature stress in kuruma shrimp <i>Marsupenaeus japonicus</i> . <i>Journal of Thermal Biology</i> , 2017, 66, 93-100.	2.5	63
9	Effects of dietary chlorogenic acid on growth performance, antioxidant capacity of white shrimp <i>Litopenaeus vannamei</i> under normal condition and combined stress of low-salinity and nitrite. <i>Fish and Shellfish Immunology</i> , 2015, 43, 337-345.	3.6	61
10	Synthesis of amidoximated graphene oxide nanoribbons from unzipping of multiwalled carbon nanotubes for selective separation of uranium(U^{VI}). <i>RSC Advances</i> , 2015, 5, 89309-89318.	3.6	60
11	Dietary effects of succinic acid on the growth, digestive enzymes, immune response and resistance to ammonia stress of <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2018, 78, 10-17.	3.6	60
12	QTL mapping and candidate gene analysis of ferrous iron and zinc toxicity tolerance at seedling stage in rice by genome-wide association study. <i>BMC Genomics</i> , 2017, 18, 828.	2.8	58
13	Effect of desiccation and resubmersion on the oxidative stress response of the kuruma shrimp <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2016, 49, 91-99.	3.6	51
14	Effects of dietary poly- β -hydroxybutyrate (PHB) on microbiota composition and the mTOR signaling pathway in the intestines of <i>litopenaeus vannamei</i> . <i>Journal of Microbiology</i> , 2017, 55, 946-954.	2.8	50
15	Protocatechuic acid inhibits the growth of ovarian cancer cells by inducing apoptosis and autophagy. <i>Phytotherapy Research</i> , 2018, 32, 2256-2263.	5.8	46
16	QTL mapping and candidate gene analysis of peduncle vascular bundle related traits in rice by genome-wide association study. <i>Rice</i> , 2018, 11, 13.	4.0	45
17	Isolation of single chain variable fragment (scFv) specific for Cry1C toxin from human single fold scFv libraries. <i>Toxicon</i> , 2012, 60, 1290-1297.	1.6	44
18	A simple pyrene-based fluorescent probe for highly selective detection of formaldehyde and its application in live-cell imaging. <i>Analytica Chimica Acta</i> , 2018, 1033, 180-184.	5.4	41

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19	Molecular responses of calreticulin gene to <i>Vibrio anguillarum</i> and WSSV challenge in the ridgetail white prawn <i>Exopalaemon carinicauda</i> . <i>Fish and Shellfish Immunology</i> , 2014, 36, 164-171.	3.6	38
20	Intestine oxidative stress and immune response to sulfide stress in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2017, 63, 201-207.	3.6	36
21	Morphologic, digestive enzymes and immunological responses of intestine from <i>Litopenaeus vannamei</i> after lipopolysaccharide injection. <i>Journal of Invertebrate Pathology</i> , 2018, 153, 186-194.	3.2	34
22	Effect of dietary sodium butyrate on growth performance, enzyme activities and intestinal proliferation-related gene expression of juvenile golden pompano <i>Trachinotus ovatus</i> . <i>Aquaculture Nutrition</i> , 2019, 25, 1261-1271.	2.7	34
23	Enhancement of alkaline polygalacturonate lyase production in recombinant <i>Pichia pastoris</i> according to the ratio of methanol to cell concentration. <i>Bioresource Technology</i> , 2009, 100, 1343-1349.	9.6	33
24	Synthesis of magnetic graphene oxide nanoribbons composite for the removal of Th(IV) from aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 1111-1118.	1.5	26
25	Effects of dietary soybean isoflavones on non-specific immune responses and hepatic antioxidant abilities and mRNA expression of two heat shock proteins (HSPs) in juvenile golden pompano <i>Trachinotus ovatus</i> under pH stress. <i>Fish and Shellfish Immunology</i> , 2015, 47, 1043-1053.	3.6	25
26	Uranium(VI) sorption on graphene oxide nanoribbons derived from unzipping of multiwalled carbon nanotubes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 1329-1337.	1.5	24
27	Cloning and expression analysis of c-type lysozyme gene in golden pompano, <i>Trachinotus ovatus</i> . <i>Fish and Shellfish Immunology</i> , 2016, 54, 580-585.	3.6	22
28	Separating P- and S-waves in an affine coordinate system. <i>Journal of Geophysics and Engineering</i> , 2012, 9, 12-18.	1.4	20
29	Suitable dietary chitosan improves the growth performance, survival and immune function of tiger shrimp, <i>Penaeus monodon</i> . <i>Aquaculture Research</i> , 2015, 46, 1668-1678.	1.8	20
30	SS1 (NAL1)- and SS2-Mediated Genetic Networks Underlying Source-Sink and Yield Traits in Rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10	2.5	20
31	Identify Silent Data Corruption Vulnerable Instructions Using SVM. <i>IEEE Access</i> , 2019, 7, 40210-40219.	4.2	16
32	Novel strains with superior degrading efficiency for lincomycin manufacturing biowaste. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111802.	6.0	15
33	Elevated temperature disrupts the mucosal structure and induces an immune response in the intestine of whiteleg shrimp <i>Litopenaeus vannamei</i> (Boone, 1931) (Decapoda: Dendrobranchiata: Penaeidae). <i>Journal of Crustacean Biology</i> , 2018, 38, 635-640.	0.8	14
34	Integration of RAFT polymerization and click chemistry to fabricate PAMPS modified macroporous polypropylene membrane for protein fouling mitigation. <i>Journal of Colloid and Interface Science</i> , 2014, 435, 43-50.	9.4	12
35	ECAT1 is essential for human oocyte maturation and pre-implantation development of the resulting embryos. <i>Scientific Reports</i> , 2016, 6, 38192.	3.3	12
36	The effect of different feeding rates on growth, feed efficiency and immunity of juvenile <i>Penaeus monodon</i> . <i>Aquaculture International</i> , 2016, 24, 101-114.	2.2	12

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37	Genetic Bases of the Stomata-Related Traits Revealed by a Genome-Wide Association Analysis in Rice (<i>Oryza sativa</i> L.). <i>Frontiers in Genetics</i> , 2020, 11, 611.	2.3	12
38	Response of a Mu-class glutathione S-transferase from black tiger shrimp <i>Penaeus monodon</i> to aflatoxin B1 exposure. <i>SpringerPlus</i> , 2016, 5, 825.	1.2	11
39	A Cyber Physical Model Based on a Hybrid System for Flexible Load Control in an Active Distribution Network. <i>Energies</i> , 2017, 10, 267.	3.1	10
40	Effects of <i>DEP1</i> on grain yield and grain quality in the background of two <i>japonica</i> rice (<i>Oryza sativa</i>) cultivars. <i>Plant Breeding</i> , 2020, 139, 608-617.	1.9	10
41	PLD1 promotes dendritic spine morphogenesis via activating PKD1. <i>Molecular and Cellular Neurosciences</i> , 2019, 99, 103394.	2.2	9
42	Energy-efficient task scheduling on heterogeneous computing systems by linear programming. <i>Concurrency Computation Practice and Experience</i> , 2018, 30, e4731.	2.2	8
43	A Distributed Topology Control Algorithm for <i>k</i> -Connected Dominating Set in Wireless Sensor Networks. , 2007, , .		7
44	Effects of thermal processing methods and simulated digestion on the phenolic content and antioxidant activity of lotus leaves. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e13869.	2.0	7
45	Characterization of stack behavior under soft errors. , 2017, , .		6
46	Metabolic Profiling and Physiological Analysis of a Novel Rice Introgression Line with Broad Leaf Size. <i>PLoS ONE</i> , 2015, 10, e0145646.	2.5	6
47	Clock Synchronization in Mobile Ad Hoc Networks Based on an Iterative Approximate Byzantine Consensus Protocol. , 2014, , .		5
48	Effects of dietary zinc levels on growth performance, digestive enzyme activities, plasma physiological response, hepatic antioxidant responses and metallothionein gene expression in juvenile spotted sea bass (<i>Lateolabrax maculatus</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 1421-1432.	2.7	5
49	Optimization of an economical medium composition for the coculture of <i>Clostridium butyricum</i> and <i>Bacillus coagulans</i> . <i>AMB Express</i> , 2022, 12, 19.	3.0	4
50	Assessment of Credible Capacity for Intermittent Distributed Energy Resources in Active Distribution Network. <i>Energies</i> , 2017, 10, 1104.	3.1	2
51	<i>DEP1</i> affects rice grain weight and quality at different spikelet positions. <i>Agronomy Journal</i> , 2020, 112, 4587-4601.	1.8	2
52	Spatial distribution of leaf form and the self-thinning exponent are affected by the sensitivity of the response to abscisic acid in an <i>Arabidopsis thaliana</i> population. <i>Journal of Plant Biology</i> , 2008, 51, 64-73.	2.1	1
53	UHUM: An Efficient Hybrid Update Mechanism in Distributed Storage Systems with Erasure Coding. , 2019, , .		1
54	Genetic Bases of Flow- and Sink-Related Traits in Rice Revealed by Genome-Wide Association Study. <i>Agronomy</i> , 2022, 12, 776.	3.0	1

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55	A robust and secure overlay storage scheme based on erasure coding. , 2010, , .		0
56	Progranulin suppresses the age-dependent enhancement of neuronal activity in the hypothalamus. Neuroscience Letters, 2020, 720, 134755.	2.1	0
57	Application effect of centralized management combined with Information system application management in recycling, cleaning, disinfection and packaging of radiology instruments and reusable medical devices. Food Science and Technology, 0, , .	1.7	0