Jianhai Xiang

List of Publications by Year
in descending order

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Version: 2024-02-01

299	9,547	41046	67958
papers	citations	49	78
		h-index	g-index

319	319	319	11287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mortality and Locomotion 6 Months After Hospitalization for Hip Fracture. JAMA - Journal of the American Medical Association, 2001, 285, 2736.	7.0	393
2	Unraveling cell typeâ€“specific and reprogrammable human replication origin signatures associated with G-quadruplex consensus motifs. Nature Structural and Molecular Biology, 2012, 19, 837-844.	8.1	370
3	Penaeid shrimp genome provides insights into benthic adaptation and frequent molting. Nature Communications, 2019, 10, 356.	13.2	361
4	The sea cucumber genome provides insights into morphological evolution and visceral regeneration. PLoS Biology, 2017, 15, e2003790.	5.4	220
5	Discovery of the Genes in Response to White Spot Syndrome Virus (WSSV) Infection in Fenneropenaeus chinensis Through cDNA Microarray. Marine Biotechnology, 2006, 8, 491-500.	2.3	168
6	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. BMC Genomics, 2017, 18, 191.	2.9	161
7	PenBase, the shrimp antimicrobial peptide penaeidin database: Sequence-based classification and recommended nomenclature. Developmental and Comparative Immunology, 2006, 30, 283-288.	2.3	154
8	Genome survey and high-density genetic map construction provide genomic and genetic resources for the Pacific White Shrimp Litopenaeus vannamei. Scientific Reports, 2015, 5, 15612.	3.4	149
9	Comparative Transcriptomic Characterization of the Early Development in Pacific White Shrimp Litopenaeus vannamei. PLoS ONE, 2014, 9, e106201.	2.5	121
10	A genetic linkage map of Pacific white shrimp (Litopenaeus vannamei): sex-linked microsatellite markers and high recombination rates. Genetica, 2007, 131, 37-49.	1.2	115
11	Effect of stocking density on growth, settlement and survival of clam larvae, Meretrix meretrix. Aquaculture, 2006, 258, 344-349.	3.5	111
12	ENDONASAL VERSUS SUPRAORBITAL KEYHOLE REMOVAL OF CRANIOPHARYNGIOMAS AND TUBERCULUM SELLAE MENINGIOMAS. Operative Neurosurgery, 2009, 64, ons269-ons287.	1.0	109
13	coMET: visualisation of regional epigenome-wide association scan results and DNA co-methylation patterns. BMC Bioinformatics, 2015, 16, 131.	2.7	106
14	Expression of an insecticidal fern protein in cotton protects against whitefly. Nature Biotechnology, 2016, 34, 1046-1051.	20.8	104
15	Comparative proteomic profiles of the hepatopancreas in Fenneropenaeus chinensis response to hypoxic stress. Proteomics, 2009, 9, 3353-3367.	3.0	102
16	cDNA cloning, characterization and expression analysis of the antioxidant enzyme gene, catalase, of Chinese shrimp Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2008, 24, 584-591.	3.7	97
17	The Complete Genome and Phenome of a Community-Acquired Acinetobacter baumannii. PLoS ONE, 2013, 8, e58628.	2.5	94
18	The mitochondrial manganese superoxide dismutase gene in Chinese shrimp Fenneropenaeus chinensis: Cloning, distribution and expression. Developmental and Comparative Immunology, 2007, 31, 429-440.	2.3	92

#	Article	IF	Citations
19	Construction of AFLP-based genetic linkage map for Zhikong scallop, Chlamys farreri Jones et Preston and mapping of sex-linked markers. Aquaculture, 2005, 245, 63-73.	3.5	86
20	Deficiency and toxicity of boron: Alterations in growth, oxidative damage and uptake by citrange orange plants. Ecotoxicology and Environmental Safety, 2017, 145, 575-582.	6.2	84
21	Gene expression profiles of four heat shock proteins in response to different acute stresses in shrimp, Litopenaeus vannamei. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 156, 211-220.	2.7	83
22	Effects of various algal diets and starvation on larval growth and survival of Meretrix meretrix. Aquaculture, 2006, 254, 526-533.	3.5	82
23	Development of Expressed Sequence Tags from the Bay Scallop, Argopecten irradians irradians. Marine Biotechnology, 2006, 8, 161-169.	2.3	82
24	Classification of Amazonian rosewood essential oil by Raman spectroscopy and PLS-DA with reliability estimation. Talanta, 2013, 117, 305-311.	5.7	81
25	Function of shrimp STAT during WSSV infection. Fish and Shellfish Immunology, 2014, 38, 354-360.	3.7	78
26	Multiple forms of alpha-2 macroglobulin in shrimp Fenneropenaeus chinesis and their transcriptional response to WSSV or Vibrio pathogen infection. Developmental and Comparative Immunology, 2010, 34, 677-684.	2.3	77
27	Cloning, expression and identification of ferritin from Chinese shrimp, Fenneropenaeus chinensis. Journal of Biotechnology, 2006, 125, 173-184.	3.9	75
28	Identification of a novel relish homolog in Chinese shrimp Fenneropenaeus chinensis and its function in regulating the transcription of antimicrobial peptides. Developmental and Comparative Immunology, 2009, 33, 1093-1101.	2.3	74
29	Two spliced variants of insulin-like androgenic gland hormone gene in the Chinese shrimp, Fenneropenaeus chinensis. General and Comparative Endocrinology, 2012, 177, 246-255.	1.8	74
30	Cloning of cytoplasmic heat shock protein 90 (FcHSP90) from Fenneropenaeus chinensis and its expression response to heat shock and hypoxia. Cell Stress and Chaperones, 2009, 14, 161-172.	2.9	73
31	SNP Discovery in the Transcriptome of White Pacific Shrimp Litopenaeus vannamei by Next Generation Sequencing. PLoS ONE, 2014, 9, e87218.	2.5	73
32	A Dorsal homolog (FcDorsal) in the Chinese shrimp Fenneropenaeus chinensis is responsive to both bacteria and WSSV challenge. Developmental and Comparative Immunology, 2010, 34, 874-883.	2.3	72
33	Functional Diversity of Anti-Lipopolysaccharide Factor Isoforms in Shrimp and Their Characters Related to Antiviral Activity. Marine Drugs, 2015, 13, 2602-2616.	4.6	72
34	Identification and characterization of the pathogenic effect of a Vibrio parahaemolyticus-related bacterium isolated from clam Meretrix meretrix with mass mortality. Journal of Invertebrate Pathology, 2010, 103, 109-115.	3.3	71
35	Effects of ammonia stress on the hemocytes of the Pacific white shrimp Litopenaeus vannamei. Chemosphere, 2020, 239, 124759.	8.4	71
36	The complete mitochondrial genomes of two common shrimps (Litopenaeus vannamei and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	2.3	70

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37	Probiotics for the Treatment of Infantile Colic: A Systematic Review. Journal of Pharmacy Practice, 2017, 30, 366-374.	1.1	70
38	Molecular cloning, expression of a peroxiredoxin gene in Chinese shrimp Fenneropenaeus chinensis and the antioxidant activity of its recombinant protein. Molecular Immunology, 2007, 44, 3501-3509.	2.4	67
39	Insulin-like Growth Factor-binding Protein-3 Plays an Important Role in Regulating Pharyngeal Skeleton and Inner Ear Formation and Differentiation. Journal of Biological Chemistry, 2005, 280, 3613-3620.	3.5	65
40	Identification and characterization of a doublesex gene which regulates the expression of insulin-like androgenic gland hormone in Fenneropenaeus chinensis. Gene, 2018, 649, 1-7.	2.3	64
41	Home parenteral nutrition improves quality of life and nutritional status in patients with cancer: a French observational multicentre study. Supportive Care in Cancer, 2014, 22, 1867-1874.	2.3	63
42	Identification of Sex-determining Loci in Pacific White Shrimp Litopeneaus vannamei Using Linkage and Association Analysis. Marine Biotechnology, 2017, 19, 277-286.	2.3	61
43	Molecular characterization and effect of RNA interference of retinoid X receptor (RXR) on E75 and chitinase gene expression in Chinese shrimp Fenneropenaeus chinensis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 153, 121-129.	1.7	60
44	CRISPR/Cas9-Mediated Genome Editing and Mutagenesis of EcChi4 in Exopalaemon carinicauda. G3: Genes, Genomes, Genetics, 2016, 6, 3757-3764.	1.9	59
45	Identification of a novel inducible cytosolic Hsp70 gene in Chinese shrimp Fenneropenaeus chinensis and comparison of its expression with the cognate Hsc70 under different stresses. Cell Stress and Chaperones, 2010, 15, 83-93.	2.9	58
46	Shrimp MyD88 responsive to bacteria and white spot syndrome virus. Fish and Shellfish Immunology, 2013, 34, 574-581.	3.7	53
47	Isolation and Fundamental Properties of a Phospholipase A2 Inhibitor from the Blood Plasma of Trimeresurus flavoviridis1. Journal of Biochemistry, 1989, 106, 966-971.	1.8	51
48	Molecular characteristics and expression analysis of calreticulin in Chinese shrimp Fenneropenaeus chinensis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 147, 482-491.	1.7	51
49	Cloning and expression of glucose regulated protein 78 (GRP78) in Fenneropenaeus chinensis. Molecular Biology Reports, 2009, 36, 289-298.	2.4	51
50	Chitin Synthesis and Degradation in Crustaceans: A Genomic View and Application. Marine Drugs, 2021, 19, 153.	4.6	51
51	cDNA cloning and mRNA expression of the lipopolysaccharide- and beta-1,3-glucan-binding protein gene from scallop Chlamys farreri. Aquaculture, 2004, 239, 69-80.	3.5	50
52	An opportunity in difficulty: Japan-Korea-Taiwan expert Delphi consensus on surgical difficulty during laparoscopic cholecystectomy. Journal of Hepato-Biliary-Pancreatic Sciences, 2017, 24, 191-198.	2.7	50
53	Comparison of Gene Expression Profiles of Fenneropenaeus chinensis Challenged with WSSV and Vibrio. Marine Biotechnology, 2008, 10, 664-675.	2.3	49
54	Molecular cloning and characterisation of a pattern recognition protein, lipopolysaccharide and Î²-1,3-glucan binding protein (LGBP) from Chinese shrimp Fenneropenaeus chinensis. Molecular Biology Reports, 2009, 36, 471-477.	2.4	49

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55	Molecular cloning and characterisation of prophenoloxidase (ProPO) cDNA from Fenneropenaeus chinensis and its transcription injected by Vibrio anguillarum. Molecular Biology Reports, 2009, 36, 1159-1166.	2.4	46
56	Nucleated Teleost Erythrocytes Play an Nk-Lysin- and Autophagy-Dependent Role in Antiviral Immunity. Frontiers in Immunology, 2017, 8, 1458.	4.9	46
57	Evaluation of induced triploid shrimp Penaeus (Fenneropenaeus) chinensis cultured under laboratory conditions. Aquaculture, 2006, 259, 108-115.	3.5	45
58	A Putative Insulin-like Androgenic Gland Hormone Receptor Gene Specifically Expressed in Male Chinese Shrimp. Endocrinology, 2018, 159, 2173-2185.	2.8	45
59	Simple sequence repeats drive genome plasticity and promote adaptive evolution in penaeid shrimp. Communications Biology, 2021, 4, 186.	4.5	45
60	The Chinese mitten crab genome provides insights into adaptive plasticity and developmental regulation. Nature Communications, 2021, 12, 2395.	13.2	45
61	A serpin from Chinese shrimp Fenneropenaeus chinensis is responsive to bacteria and WSSV challenge. Fish and Shellfish Immunology, 2009, 26, 345-351.	3.7	44
62	Structure and partial protein profiles of the peritrophic membrane (PM) from the gut of the shrimp Litopenaeus vannamei. Fish and Shellfish Immunology, 2012, 33, 1285-1291.	3.7	44
63	Potential relationship among three antioxidant enzymes in eliminating hydrogen peroxide in penaeid shrimp. Cell Stress and Chaperones, 2012, 17, 423-433.	2.9	44
64	Traditional Anthropometric Parameters Still Predict Metabolic Disorders in Women With Severe Obesity. Obesity, 2010, 18, 1026-1032.	3.2	43
65	Gonad Development Characteristics and Sex Ratio in Triploid Chinese Shrimp (Fenneropenaeus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	42
66	Data-driven reverse engineering of signaling pathways using ensembles of dynamic models. PLoS Computational Biology, 2017, 13, e1005379.	3.1	42
67	Genome Scan for Genomic Regions and Genes Associated with Growth Trait in Pacific White Shrimp Litopeneaus vannamei. Marine Biotechnology, 2019, 21, 374-383.	2.3	42
68	Polymorphic ESTâ€“SSR markers and their mode of inheritance in Fenneropenaeus chinensis. Aquaculture, 2005, 249, 107-114.	3.5	40
69	Evaluation on the genomic selection in Litopenaeus vannamei for the resistance against Vibrio parahaemolyticus. Aquaculture, 2019, 505, 212-216.	3.5	40
70	Identification and analysis of a Sciaenops ocellatus ISG15 homologue that is involved in host immune defense against bacterial infection. Fish and Shellfish Immunology, 2010, 29, 167-174.	3.7	39
71	Resource Use in Small Island States. Journal of Industrial Ecology, 2014, 18, 294-305.	5.7	39
72	Female urethral stricture: a contemporary series. World Journal of Urology, 2017, 35, 991-995.	2.4	39

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73	Search for resonance decays to lepton+jet at DESY HERA and limits on leptoquarks. Physical Review D, 2003, 68, .	4.8	37
74	A new shrimp peritrophin-like gene from Exopalaemon carinicauda involved in white spot syndrome virus (WSSV) infection. Fish and Shellfish Immunology, 2013, 35, 840-846.	3.7	37
75	High-resolution helium ion microscopy of epididymal epithelial cells and their interaction with spermatozoa. Molecular Human Reproduction, 2014, 20, 929-937.	2.9	37
76	Pharmacological and immunocytochemical investigation of the role of catecholamines on larval metamorphosis by Î²-adrenergic-like receptor in the bivalve Meretrix meretrix. Aquaculture, 2006, 258, 611-618.	3.5	36
77	Isolation and Mapping of Telomeric Pentanucleotide (TAACC) n Repeats of the Pacific Whiteleg Shrimp, Penaeus vannamei, Using Fluorescence In Situ Hybridization. Marine Biotechnology, 2006, 8, 467-480.	2.3	36
78	Envelope Proteins of White Spot Syndrome Virus (WSSV) Interact with Litopenaeus vannamei Peritrophin-Like Protein (LvPT). PLoS ONE, 2015, 10, e0144922.	2.5	36
79	Massive Effect on LncRNAs in Human Monocytes During Fungal and Bacterial Infections and in Response to Vitamins A and D. Scientific Reports, 2017, 7, 40598.	3.4	36
80	Construction and Characterization of Two Bacterial Artificial Chromosome Libraries of Zhikong Scallop, Chlamys farreri Jones et Preston, and Identification of BAC Clones Containing the Genes Involved in Its Innate Immune System. Marine Biotechnology, 2008, 10, 358-365.	2.3	34
81	Acute effects of cadmium and copper on survival, oxygen consumption, ammonia-N excretion, and metal accumulation in juvenile Exopalaemon carinicauda. Ecotoxicology and Environmental Safety, 2014, 104, 209-214.	6.2	34
82	Grape seed procyanidins extract attenuates Cisplatin-induced oxidative stress and testosterone synthase inhibition in rat testes. Systems Biology in Reproductive Medicine, 2018, 64, 246-259.	2.2	34
83	Transcriptome analysis reveals the activation of neuroendocrine-immune system in shrimp hemocytes at the early stage of WSSV infection. BMC Genomics, 2019, 20, 247.	2.9	34
84	Isolation and transcriptome analysis of three subpopulations of shrimp hemocytes reveals the underlying mechanism of their immune functions. Developmental and Comparative Immunology, 2020, 108, 103689.	2.3	34
85	Cloning, characterization and expression of ferritin subunit from clam Meretrix meretrix in different larval stages. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 12-16.	1.7	33
86	Construction and Characterization of a Bacterial Artificial Chromosome (BAC) Library of Pacific White Shrimp, Litopenaeus vannamei. Marine Biotechnology, 2010, 12, 141-149.	2.3	33
87	Dietary pyridoxine potentiates thermal tolerance, heat shock protein and protect against cellular stress of Milkfish (Chanos chanos) under endosulfan-induced stress. Fish and Shellfish Immunology, 2016, 55, 407-414.	3.7	33
88	Physiological and immune responses of zhikong scallop Chlamys farreri to the acute viral necrobiotic virus infection. Fish and Shellfish Immunology, 2010, 29, 42-48.	3.7	32
89	Specific Molecular Signatures for Type II Crustins in Penaeid Shrimp Uncovered by the Identification of Crustin-Like Antimicrobial Peptides in Litopenaeus vannamei. Marine Drugs, 2018, 16, 31.	4.6	32
90	Sex-Biased CHHs and Their Putative Receptor Regulate the Expression of IAG Gene in the Shrimp Litopenaeus vannamei. Frontiers in Physiology, 2019, 10, 1525.	2.8	32

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91	Thyroglobulin Degradation by Thyroidal Proteases: Action of Thiol Endopeptidases in Vitro*. Endocrinology, 1982, 111, 290-298.	2.8	31
92	A novel tumor necrosis factor ligand superfamily member (CsTL) from Ciona savignyi: Molecular identification and expression analysis. Developmental and Comparative Immunology, 2008, 32, 1362-1373.	2.3	31
93	Molecular characterization of an ecdysone inducible gene E75 of Chinese shrimp Fenneropenaeus chinensis and elucidation of its role in molting by RNA interference. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 149-157.	1.7	31
94	Genome-Wide Analysis of Alternative Splicing Provides Insights Into Stress Response of the Pacific White Shrimp Litopenaeus vanname. Frontiers in Genetics, 2019, 10, 845.	2.3	31
95	Molecular Phylogeny and Species Identification of Pufferfish of the Genus Takifugu (Tetraodontiformes, Tetraodontidae). Marine Biotechnology, 2001, 3, 398-406.	2.3	30
96	Optimization of triploid induction by heat shock in Chinese shrimp Fenneropenaeus chinensis. Aquaculture, 2003, 219, 221-231.	3.5	30
97	Glucosamine induces cell deathviaproteasome inhibition in human ALVA41 prostate cancer cell. Experimental and Molecular Medicine, 2011, 43, 487.	7.8	30
98	Three EST-SSR Markers Associated with QTL for the Growth of the Clam Meretrix meretrix Revealed by Selective Genotyping. Marine Biotechnology, 2013, 15, 16-25.	2.3	30
99	Ternary blends of biodiesel with petro-diesel and diesel from direct coal liquefaction for improving the cold flow properties of waste cooking oil biodiesel. Fuel, 2016, 177, 46-52.	6.6	30
100	Effects of BaxSr1â^'xTiO3 ceramics additives on structure and energy storage properties of Ba0.4Sr0.6TiO3â€“BaOâ€“B2O3â€“Al2O3â€“SiO2 glass-ceramic. Journal of Alloys and Compounds, 2016, 675, 15-21.	5.7	29
101	A BAC-Based Physical Map of Zhikong Scallop (Chlamys farreri Jones et Preston). PLoS ONE, 2011, 6, e27612.	2.5	29
102	Discovery of immune related factors in Fenneropenaeus chinensis by annotation of ESTs *. Progress in Natural Science: Materials International, 2004, 14, 47-54.	4.5	28
103	RNA-Seq reveals the dynamic and diverse features of digestive enzymes during early development of Pacific white shrimp Litopenaeus vannamei. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2014, 11, 37-44.	1.1	28
104	In vitro evaluation of glycol chitosan based formulations as oral delivery systems for efflux pump inhibition. Carbohydrate Polymers, 2017, 166, 73-82.	10.5	28
105	In vitro morphogenesis of Cucumis melo var. inodorus. Plant Cell, Tissue and Organ Culture, 2001, 65, 81-89.	2.4	27
106	Effects of ELF magnetic field on membrane protein structure of living HeLa cells studied by Fourier transform infrared spectroscopy. Bioelectromagnetics, 2003, 24, 457-464.	2.0	27
107	Identification and function analysis of a novel vascular endothelial growth factor, LvVEGF3, in the Pacific whiteleg shrimp Litopenaeus vannamei. Developmental and Comparative Immunology, 2016, 63, 111-120.	2.3	27
108	Overview of HumiraÂ® Biosimilars: Current European Landscape and Future Implications. Journal of Pharmaceutical Sciences, 2021, 110, 1572-1582.	3.3	27

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109	Genomic selection using a subset of SNPs identified by genome-wide association analysis for disease resistance traits in aquaculture species. Aquaculture, 2021, 539, 736620.	3.5	27
110	Optimization of the doxycycline-dependent simian immunodeficiency virus through in vitro evolution. Retrovirology, 2008, 5, 44.	2.2	26
111	Molecular cloning and characterization of proliferating cell nuclear antigen (PCNA) from Chinese shrimp Fenneropenaeus chinensis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 225-229.	1.7	26
112	Pilot trial of an expressive writing intervention with HIV-positive methamphetamine-using men who have sex with men.. Psychology of Addictive Behaviors, 2015, 29, 277-282.	1.9	26
113	Purification and Characterization of Chitinases from Ridgetail White Prawn Exopalaemon carinicauda. Molecules, 2015, 20, 1955-1967.	3.9	26
114	measuRing: An R package to measure tree-ring widths from scanned images. Dendrochronologia, 2015, 34, 43-50.	2.3	26
115	Recombinant Expression of a Modified Shrimp Anti-Lipopolysaccharide Factor Gene in Pichia pastoris GS115 and Its Characteristic Analysis. Marine Drugs, 2016, 14, 152.	4.6	26
116	A CRISPR/Cas9-mediated mutation in chitinase changes immune response to bacteria in Exopalaemon carinicauda. Fish and Shellfish Immunology, 2017, 71, 43-49.	3.7	26
117	A cuticle protein from the Pacific white shrimp Litopenaeus vannamei involved in WSSV infection. Developmental and Comparative Immunology, 2018, 81, 303-311.	2.3	26
118	Berberine Could Ameliorate Cardiac Dysfunction via Interfering Myocardial Lipidomic Profiles in the Rat Model of Diabetic Cardiomyopathy. Frontiers in Physiology, 2018, 9, 1042.	2.8	26
119	Cadmium-induced oxidative stress, metabolic dysfunction and metal bioaccumulation in adult palaemonid shrimp Palaemon macrodactylus (Rathbun, 1902). Ecotoxicology and Environmental Safety, 2021, 208, 111591.	6.2	26
120	The Encysted Dormant Embryo Proteome of Artemia sinica. Marine Biotechnology, 2008, 10, 438-446.	2.3	25
121	Molecular characterization and expression analysis of chitinase (Fcchi-3) from Chinese shrimp, Fenneropenaeus chinensis. Molecular Biology Reports, 2010, 37, 1913-1921.	2.4	25
122	Virus-derived small RNAs in the penaeid shrimp Fenneropenaeus chinensis during acute infection of the DNA virus WSSV. Scientific Reports, 2016, 6, 28678.	3.4	25
123	A novel cuticle protein involved in WSSV infection to the Pacific white shrimp Litopenaeus vannamei. Developmental and Comparative Immunology, 2020, 102, 103491.	2.3	25
124	Expression, purification, and characterization of recombinant Chinese shrimp crustin-like protein (CruFc) in Pichia pastoris. Biotechnology Letters, 2007, 29, 813-817.	2.2	24
125	Molecular cloning and functional analysis of cathepsin B in nutrient metabolism during larval development in Meretrix meretrix. Aquaculture, 2008, 282, 41-46.	3.5	24
126	Current Status of Genetics and Genomics of Reared Penaeid Shrimp: Information Relevant to Access and Benefit Sharing. Marine Biotechnology, 2013, 15, 399-412.	2.3	24

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127	Isolation and identification of the main carotenoid pigment from a new variety of the ridgetail white prawn Exopalaemon carinicauda. Food Chemistry, 2018, 269, 450-454.	8.4	24
128	Sex-Specific Transcriptome Sequencing of Zoea I Larvae and Identification of Sex-Linked Genes Using Bulked Segregant Analysis in Pacific White Shrimp Litopenaeus vannamei. Marine Biotechnology, 2020, 22, 423-432.	2.3	24
129	A copper-induced metallothionein gene from Exopalaemon carinicauda and its response to heavy metal ions. International Journal of Biological Macromolecules, 2014, 70, 246-250.	7.7	23
130	Spatio-temporal variations of sea level around the Mekong Delta: their causes and consequences on the coastal environment. Hydrological Research Letters, 2016, 10, 60-66.	0.5	23
131	Wellbeing and occupational risk perception among health care workers: a multicenter study in Morocco and France. Journal of Occupational Medicine and Toxicology, 2016, 11, 20.	2.5	23
132	COMBINED INTRAVITREAL RANIBIZUMAB AND ORAL SUPPLEMENTATION WITH DOCOSAHEXAENOIC ACID AND ANTIOXIDANTS FOR DIABETIC MACULAR EDEMA. Retina, 2017, 37, 1277-1286.	1.9	23
133	CRISPR/Cas9-mediated deletion of EcMIH shortens metamorphosis time from mysis larva to postlarva of Exopalaemon carinicauda. Fish and Shellfish Immunology, 2018, 77, 244-251.	3.7	23
134	ZResponse to selection, heritability and genetic correlations between body weight and body size in Pacific white shrimp, Litopenaeus vannamei. Chinese Journal of Oceanology and Limnology, 2012, 30, 200-205.	0.7	22
135	A Fish Assemblage from the Middle Eocene from Libya (Dur At-Talah) and the Earliest Record of Modern African Fish Genera. PLoS ONE, 2015, 10, e0144358.	2.5	22
136	A model for the handover traffic in low earth-orbiting (LEO) satellite networks for personal communications. International Journal of Satellite Communications and Networking, 1993, 11, 145-149.	0.6	21
137	cDNA cloning and gene expression pattern following bacterial challenge of peroxinectin in Chinese shrimp FenneropenaeusÂchinensis. Molecular Biology Reports, 2009, 36, 2333-2339.	2.4	21
138	Bioinformatic Prediction of WSSV-Host Protein-Protein Interaction. BioMed Research International, 2014, 2014, 1-9.	2.0	21
139	Characterization of two types of vascular endothelial growth factor from Litopenaeus vannamei and their involvements during WSSV infection. Fish and Shellfish Immunology, 2015, 47, 824-832.	3.7	21
140	A Novel Candidate Gene Associated With Body Weight in the Pacific White Shrimp Litopenaeus vannamei. Frontiers in Genetics, 2019, 10, 520.	2.3	21
141	An E3 ubiquitin ligase TRIM9 is involved in WSSV infection via interaction with Î²-TrCP. Developmental and Comparative Immunology, 2019, 97, 57-63.	2.3	21
142	Identification of Growth-Associated Genes by Genome-Wide Association Study and Their Potential Application in the Breeding of Pacific White Shrimp (Litopenaeus vannamei). Frontiers in Genetics, 2021, 12, 611570.	2.3	20
143	Molecular Mechanisms of Bladder Outlet Obstruction in Transgenic Male Mice Overexpressing Aromatase (Cyp19a1). American Journal of Pathology, 2011, 178, 1233-1244.	4.1	19
144	Structural and Functional Analysis of the Amphioxus IGFBP Gene Uncovers Ancient Origin of IGF-Independent Functions. Endocrinology, 2013, 154, 3753-3763.	2.8	19

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145	An Î³B homologue (FcCactus) in Chinese shrimp Fenneropenaeus chinensis. Developmental and Comparative Immunology, 2013, 39, 352-362.	2.3	19
146	One type of VEGFR is involved in WSSV infection to the Pacific whiteleg shrimp Litopenaeus vannamei. Developmental and Comparative Immunology, 2015, 50, 1-8.	2.3	19
147	Identification and functional study of an LRR domain containing membrane protein in Litopenaeus vannamei. Developmental and Comparative Immunology, 2020, 109, 103713.	2.3	19
148	Identification of a novel C-type lectin from the shrimp Litopenaeus vannamei and its role in defense against pathogens infection. Chinese Journal of Oceanology and Limnology, 2011, 29, 942-951.	0.7	18
149	Comparison of Protein Expression Profiles of the Hepatopancreas in Fenneropenaeus chinensis Challenged with Heat-inactivated Vibrio anguillarum and White Spot Syndrome Virus. Marine Biotechnology, 2014, 16, 111-123.	2.3	18
150	The ferritin gene in ridgetail white prawn Exopalaemon carinicauda: Cloning, expression and function. International Journal of Biological Macromolecules, 2015, 72, 320-325.	7.7	18
151	New isotope159Lu and decay of158Lu,159,158Yb isotopes. Zeitschrift FÃ¼r Physik A, 1980, 295, 305-306.	1.4	17
152	Gastroprotective effects of pantoprazole against experimental mucosal damage. Fundamental and Clinical Pharmacology, 2000, 14, 89-99.	2.1	17
153	Molecular characterization, immune response against white spot syndrome virus infection of peroxiredoxin 4 in Fenneropenaeus chinensis and its antioxidant activity. Fish and Shellfish Immunology, 2014, 37, 38-45.	3.7	17
154	Developmental status of preschool children receiving cART: a descriptive cohort study. Child: Care, Health and Development, 2016, 42, 410-414.	1.7	17
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