

Jianhai Xiang

List of Publications by Year in descending order

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237
papers

8,791
citations

41258

49
h-index

66788

78
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244
all docs

244
docs citations

244
times ranked

4797
citing authors

#	ARTICLE	IF	CITATIONS
1	The immune function of a NLR like gene, LvNLRPL1, in the Pacific whiteleg shrimp <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2022, 128, 104311.	1.0	4
2	A Novel TRIM9 Protein Promotes NF- κ B Activation Through Interacting With LvIMD in Shrimp During WSSV Infection. <i>Frontiers in Immunology</i> , 2022, 13, 819881.	2.2	3
3	A newly identified NLR-like gene participates in bacteria and virus infection possibly through regulating hemocytes apoptosis in shrimp. <i>Developmental and Comparative Immunology</i> , 2022, 132, 104395.	1.0	5
4	Evaluation of genomic selection for high salinity tolerance traits in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2022, 557, 738320.	1.7	9
5	Genome of a giant isopod, <i>Bathynomus jamesi</i> , provides insights into body size evolution and adaptation to deep-sea environment. <i>BMC Biology</i> , 2022, 20, 113.	1.7	5
6	Comparative Transcriptome Analysis Reveals the Adaptation Mechanism to High Salinity in <i>Litopenaeus vannamei</i> . <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
7	Cadmium-induced oxidative stress, metabolic dysfunction and metal bioaccumulation in adult palaemonid shrimp <i>Palaemon macrodactylus</i> (Rathbun, 1902). <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111591.	2.9	22
8	Simple sequence repeats drive genome plasticity and promote adaptive evolution in penaeid shrimp. <i>Communications Biology</i> , 2021, 4, 186.	2.0	37
9	Chitin Synthesis and Degradation in Crustaceans: A Genomic View and Application. <i>Marine Drugs</i> , 2021, 19, 153.	2.2	40
10	A Lymphoid Organ Specific Anti-Lipopolysaccharide Factor from <i>Litopenaeus vannamei</i> Exhibits Strong Antimicrobial Activities. <i>Marine Drugs</i> , 2021, 19, 250.	2.2	8
11	Identification of Growth-Associated Genes by Genome-Wide Association Study and Their Potential Application in the Breeding of Pacific White Shrimp (<i>Litopenaeus vannamei</i>). <i>Frontiers in Genetics</i> , 2021, 12, 611570.	1.1	12
12	The Chinese mitten crab genome provides insights into adaptive plasticity and developmental regulation. <i>Nature Communications</i> , 2021, 12, 2395.	5.8	38
13	Genome Sequencing and Assembly Strategies and a Comparative Analysis of the Genomic Characteristics in Penaeid Shrimp Species. <i>Frontiers in Genetics</i> , 2021, 12, 658619.	1.1	14
14	Genomic selection using a subset of SNPs identified by genome-wide association analysis for disease resistance traits in aquaculture species. <i>Aquaculture</i> , 2021, 539, 736620.	1.7	25
15	Transcriptome Analysis Reveals the Endocrine Regulation on the Expression of IAG in <i>Litopenaeus vannamei</i> . <i>Journal of Marine Science and Engineering</i> , 2021, 9, 677.	1.2	1
16	Clustering genomic organization of sea cucumber miRNAs impacts their evolution and expression. <i>Genomics</i> , 2021, 113, 3544-3555.	1.3	3
17	Characterization and Expression Analysis of Insulin Growth Factor Binding Proteins (IGFBPs) in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1056.	1.8	5
18	Comparison of Gene Expression Between Resistant and Susceptible Families Against VPAHPND and Identification of Biomarkers Used for Resistance Evaluation in <i>Litopenaeus vannamei</i> . <i>Frontiers in Genetics</i> , 2021, 12, 772442.	1.1	9

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19	tRNA copy number and codon usage in the sea cucumber genome provide insights into adaptive translation for saponin biosynthesis. <i>Open Biology</i> , 2021, 11, 210190.	1.5	4
20	Effects of ammonia stress on the hemocytes of the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Chemosphere</i> , 2020, 239, 124759.	4.2	66
21	A novel cuticle protein involved in WSSV infection to the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2020, 102, 103491.	1.0	21
22	CRISPR/Cas9-mediated mutation reveals Pax6 is essential for development of the compound eye in Decapoda <i>Exopalaemon carinicauda</i> . <i>Developmental Biology</i> , 2020, 465, 157-167.	0.9	11
23	Genomic Characterization and Expression of Juvenile Hormone Esterase-Like Carboxylesterase Genes in Pacific White Shrimp, <i>Litopenaeus vannamei</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 5444.	1.8	6
24	Adaptation and molecular evidence for convergence in decapod crustaceans from deep-sea hydrothermal vent environments. <i>Molecular Ecology</i> , 2020, 29, 3954-3969.	2.0	13
25	Transcriptome analysis reveals the regulation of the shrimp STAT on host chitin-binding domain containing proteins and energy metabolism process during WSSV infection. <i>Fish and Shellfish Immunology</i> , 2020, 100, 345-357.	1.6	13
26	Development of high throughput SNP genotyping approach using target sequencing in Pacific white shrimp and its application for genetic study. <i>Aquaculture</i> , 2020, 528, 735549.	1.7	9
27	The immune function of a novel crustin with an atypical WAP domain in regulating intestinal microbiota homeostasis in <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2020, 111, 103756.	1.0	14
28	The Polymorphism of LvMMD2 and Its Association with Growth Traits in <i>Litopenaeus vannamei</i> . <i>Marine Biotechnology</i> , 2020, 22, 564-571.	1.1	12
29	Identification and functional study of an LRR domain containing membrane protein in <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2020, 109, 103713.	1.0	17
30	Isolation and transcriptome analysis of three subpopulations of shrimp hemocytes reveals the underlying mechanism of their immune functions. <i>Developmental and Comparative Immunology</i> , 2020, 108, 103689.	1.0	31
31	Sex-Specific Transcriptome Sequencing of Zoea I Larvae and Identification of Sex-Linked Genes Using Bulk Segregant Analysis in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Marine Biotechnology</i> , 2020, 22, 423-432.	1.1	22
32	Comparative study on nutrient composition and quality evaluation in a new variety and wild-typed ridgetail white prawn (<i>Exopalaemon carinicauda</i>). <i>Aquaculture Research</i> , 2019, 50, 3223-3230.	0.9	4
33	Identification of Single Nucleotide Polymorphisms Related to the Resistance Against Acute Hepatopancreatic Necrosis Disease in the Pacific White Shrimp <i>Litopenaeus vannamei</i> by Target Sequencing Approach. <i>Frontiers in Genetics</i> , 2019, 10, 700.	1.1	16
34	Genome-Wide Analysis of Alternative Splicing Provides Insights Into Stress Response of the Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Frontiers in Genetics</i> , 2019, 10, 845.	1.1	30
35	Penaeid shrimp genome provides insights into benthic adaptation and frequent molting. <i>Nature Communications</i> , 2019, 10, 356.	5.8	328
36	Genome-Wide Identification and Expression Profiles of Myosin Genes in the Pacific White Shrimp, <i>Litopenaeus vannamei</i> . <i>Frontiers in Physiology</i> , 2019, 10, 610.	1.3	9

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37	A Novel Candidate Gene Associated With Body Weight in the Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Frontiers in Genetics</i> , 2019, 10, 520.	1.1	18
38	Characterization of a Lymphoid Organ Specific Anti-lipopolysaccharide Factor From Shrimp Reveals Structure-Activity Relationship of the LPS-Binding Domain. <i>Frontiers in Immunology</i> , 2019, 10, 872.	2.2	17
39	Genome Scan for Genomic Regions and Genes Associated with Growth Trait in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Marine Biotechnology</i> , 2019, 21, 374-383.	1.1	35
40	An E3 ubiquitin ligase TRIM9 is involved in WSSV infection via interaction with \hat{I}^2 -TrCP. <i>Developmental and Comparative Immunology</i> , 2019, 97, 57-63.	1.0	21
41	Transcriptome analysis reveals the activation of neuroendocrine-immune system in shrimp hemocytes at the early stage of WSSV infection. <i>BMC Genomics</i> , 2019, 20, 247.	1.2	32
42	Evaluation on the genomic selection in <i>Litopenaeus vannamei</i> for the resistance against <i>Vibrio parahaemolyticus</i> . <i>Aquaculture</i> , 2019, 505, 212-216.	1.7	34
43	Wnt Signaling Pathway Linked to Intestinal Regeneration via Evolutionary Patterns and Gene Expression in the Sea Cucumber <i>Apostichopus japonicus</i> . <i>Frontiers in Genetics</i> , 2019, 10, 112.	1.1	27
44	Sex-Biased CHHs and Their Putative Receptor Regulate the Expression of IAG Gene in the Shrimp <i>Litopenaeus vannamei</i> . <i>Frontiers in Physiology</i> , 2019, 10, 1525.	1.3	30
45	Identification and characterization of two novel vascular endothelial growth factor genes in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 259-268.	1.6	10
46	CRISPR/Cas9-mediated deletion of EcMIH shortens metamorphosis time from mysis larva to postlarva of <i>Exopalaemon carinicauda</i> . <i>Fish and Shellfish Immunology</i> , 2018, 77, 244-251.	1.6	21
47	CPAP3 proteins in the mineralized cuticle of a decapod crustacean. <i>Scientific Reports</i> , 2018, 8, 2430.	1.6	13
48	Immune function against bacteria of chitin deacetylase 1 (EcCDA1) from <i>Exopalaemon carinicauda</i> . <i>Fish and Shellfish Immunology</i> , 2018, 75, 115-123.	1.6	14
49	Genomic resources and comparative analyses of two economical penaeid shrimp species, <i>Marsupenaeus japonicus</i> and <i>Penaeus monodon</i> . <i>Marine Genomics</i> , 2018, 39, 22-25.	0.4	57
50	A cuticle protein from the Pacific white shrimp <i>Litopenaeus vannamei</i> involved in WSSV infection. <i>Developmental and Comparative Immunology</i> , 2018, 81, 303-311.	1.0	23
51	Enzymatic characterization and functional analysis of EcChi3C from ridgetail white prawn <i>Exopalaemon carinicauda</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 448-456.	3.6	3
52	Identification and characterization of a doublesex gene which regulates the expression of insulin-like androgenic gland hormone in <i>Fenneropenaeus chinensis</i> . <i>Gene</i> , 2018, 649, 1-7.	1.0	62
53	Molecular characterization and function of \hat{I}^2 -N-acetylglucosaminidase from ridgetail white prawn <i>Exopalaemon carinicauda</i> . <i>Gene</i> , 2018, 648, 12-20.	1.0	7
54	A Putative Insulin-like Androgenic Gland Hormone Receptor Gene Specifically Expressed in Male Chinese Shrimp. <i>Endocrinology</i> , 2018, 159, 2173-2185.	1.4	40

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55	Wnt gene family members and their expression profiling in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2018, 77, 233-243.	1.6	36
56	Actin genes and their expression in pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Molecular Genetics and Genomics</i> , 2018, 293, 479-493.	1.0	12
57	Neuroanatomy and morphological diversity of brain cells from adult crayfish <i>Cherax quadricarinatus</i> . <i>Journal of Oceanology and Limnology</i> , 2018, 36, 2368-2378.	0.6	0
58	Isolation and identification of the main carotenoid pigment from a new variety of the ridgetail white prawn <i>Exopalaemon carinicauda</i> . <i>Food Chemistry</i> , 2018, 269, 450-454.	4.2	21
59	Development of a primary culture system for haematopoietic tissue cells from <i>Cherax quadricarinatus</i> and an exploration of transfection methods. <i>Developmental and Comparative Immunology</i> , 2018, 88, 45-54.	1.0	13
60	Specific Molecular Signatures for Type II Crustins in Penaeid Shrimp Uncovered by the Identification of Crustin-Like Antimicrobial Peptides in <i>Litopenaeus vannamei</i> . <i>Marine Drugs</i> , 2018, 16, 31.	2.2	32
61	Multiple Isoforms of Anti-Lipopolysaccharide Factors and Their Antimicrobial Functions in the Ridgetail Prawn <i>Exopalaemon carinicauda</i> . <i>Marine Drugs</i> , 2018, 16, 145.	2.2	16
62	Penaeid shrimp brachyury: sequence analysis and expression during gastrulation. <i>Development Genes and Evolution</i> , 2018, 228, 219-225.	0.4	2
63	Biological function of a gC1qR homolog (EcgC1qR) of <i>Exopalaemon carinicauda</i> in defending bacteria challenge. <i>Fish and Shellfish Immunology</i> , 2018, 82, 378-385.	1.6	11
64	Identification and function analysis of an anti-lipopolysaccharide factor from the ridgetail prawn <i>Exopalaemon carinicauda</i> . <i>Developmental and Comparative Immunology</i> , 2017, 70, 128-134.	1.0	36
65	Gene set based association analyses for the WSSV resistance of Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Scientific Reports</i> , 2017, 7, 40549.	1.6	33
66	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. <i>BMC Genomics</i> , 2017, 18, 191.	1.2	155
67	Convergent Evolution of the Osmoregulation System in Decapod Shrimps. <i>Marine Biotechnology</i> , 2017, 19, 76-88.	1.1	13
68	In situ synthesis of silver nanoparticles into TEMPO-mediated oxidized bacterial cellulose and their antibiotoxic activity against shrimp pathogens. <i>Carbohydrate Polymers</i> , 2017, 166, 329-337.	5.1	34
69	MARS: A protein family involved in the formation of vertical skeletal elements. <i>Journal of Structural Biology</i> , 2017, 198, 92-102.	1.3	13
70	An eclosion hormone-like gene participates in the molting process of Palaemonid shrimp <i>Exopalaemon carinicauda</i> . <i>Development Genes and Evolution</i> , 2017, 227, 189-199.	0.4	24
71	Transcriptome analysis on the exoskeleton formation in early developmental stages and reconstruction scenario in growth-moulting in <i>Litopenaeus vannamei</i> . <i>Scientific Reports</i> , 2017, 7, 1098.	1.6	33
72	Identification of Sex-determining Loci in Pacific White Shrimp <i>Litopenaeus vannamei</i> Using Linkage and Association Analysis. <i>Marine Biotechnology</i> , 2017, 19, 277-286.	1.1	60

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73	Peritrophin-like protein from <i>Litopenaeus vannamei</i> (LvPT) involved in white spot syndrome virus (WSSV) infection in digestive tract challenged with reverse gavage. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 1524-1530.	0.7	6
74	A CRISPR/Cas9-mediated mutation in chitinase changes immune response to bacteria in <i>Exopalaemon carinicauda</i> . <i>Fish and Shellfish Immunology</i> , 2017, 71, 43-49.	1.6	22
75	Acute toxic effects of zinc and mercury on survival, standard metabolism, and metal accumulation in juvenile ridgetail white prawn, <i>Exopalaemon carinicauda</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 549-556.	2.9	20
76	Effects of marker density and population structure on the genomic prediction accuracy for growth trait in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>BMC Genetics</i> , 2017, 18, 45.	2.7	82
77	Predictive ability of genomic selection models for breeding value estimation on growth traits of Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 1221-1229.	0.7	32
78	Genome Sequences of Marine Shrimp <i>Exopalaemon carinicauda</i> Holthuis Provide Insights into Genome Size Evolution of Caridea. <i>Marine Drugs</i> , 2017, 15, 213.	2.2	52
79	A Novel Vascular Endothelial Growth Factor Receptor Participates in White Spot Syndrome Virus Infection in <i>Litopenaeus vannamei</i> . <i>Frontiers in Immunology</i> , 2017, 8, 1457.	2.2	16
80	The sea cucumber genome provides insights into morphological evolution and visceral regeneration. <i>PLoS Biology</i> , 2017, 15, e2003790.	2.6	202
81	Recombinant Expression of a Modified Shrimp Anti-Lipopolysaccharide Factor Gene in <i>Pichia pastoris</i> GS115 and Its Characteristic Analysis. <i>Marine Drugs</i> , 2016, 14, 152.	2.2	25
82	Structure and Bioactivity of a Modified Peptide Derived from the LPS-Binding Domain of an Anti-Lipopolysaccharide Factor (ALF) of Shrimp. <i>Marine Drugs</i> , 2016, 14, 96.	2.2	31
83	CRISPR/Cas9-Mediated Genome Editing and Mutagenesis of <i>EcChi4</i> in <i>Exopalaemon carinicauda</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3757-3764.	0.8	54
84	Expression of the prospective mesoderm genes <i>twist</i> , <i>snail</i> , and <i>mef2</i> in penaeid shrimp. <i>Development Genes and Evolution</i> , 2016, 226, 317-324.	0.4	8
85	The Pacific White Shrimp β -actin Promoter: Functional Properties and the Potential Application for Transduction System Using Recombinant Baculovirus. <i>Marine Biotechnology</i> , 2016, 18, 349-358.	1.1	9
86	Differentially proteomic analysis of the Chinese shrimp at WSSV latent and acute infection stages by iTRAQ approach. <i>Fish and Shellfish Immunology</i> , 2016, 54, 629-638.	1.6	30
87	Identification and function analysis of a novel vascular endothelial growth factor, LvVEGF3, in the Pacific whiteleg shrimp <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2016, 63, 111-120.	1.0	25
88	Virus-derived small RNAs in the penaeid shrimp <i>Fenneropenaeus chinensis</i> during acute infection of the DNA virus WSSV. <i>Scientific Reports</i> , 2016, 6, 28678.	1.6	25
89	Establishment and characterization of a skin epidermal cell line from mud loach, <i>Misgurnus anguillicaudatus</i> , (MASE) and its interaction with three bacterial pathogens. <i>Fish and Shellfish Immunology</i> , 2016, 55, 444-451.	1.6	21
90	Comparative genomics analysis of decapod shrimps in the Pancrustacea clade. <i>Biochemical Systematics and Ecology</i> , 2016, 64, 111-121.	0.6	5

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91	Characterization of two types of vascular endothelial growth factor from <i>Litopenaeus vannamei</i> and their involvements during WSSV infection. <i>Fish and Shellfish Immunology</i> , 2015, 47, 824-832.	1.6	19
92	Genome survey and high-density genetic map construction provide genomic and genetic resources for the Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Scientific Reports</i> , 2015, 5, 15612.	1.6	142
93	Effects of starvation on survival, growth and development of <i>Exopalaemon carinicauda</i> larvae. <i>Aquaculture Research</i> , 2015, 46, 2289-2299.	0.9	15
94	Functional Diversity of Anti-Lipopolysaccharide Factor Isoforms in Shrimp and Their Characters Related to Antiviral Activity. <i>Marine Drugs</i> , 2015, 13, 2602-2616.	2.2	69
95	Purification and Characterization of Chitinases from Ridgetail White Prawn <i>Exopalaemon carinicauda</i> . <i>Molecules</i> , 2015, 20, 1955-1967.	1.7	26
96	Function and Regulation Domains of a Newly Isolated Putative β -Actin Promoter from Pacific White Shrimp. <i>PLoS ONE</i> , 2015, 10, e0122262.	1.1	5
97	Envelope Proteins of White Spot Syndrome Virus (WSSV) Interact with <i>Litopenaeus vannamei</i> Peritrophin-Like Protein (LvPT). <i>PLoS ONE</i> , 2015, 10, e0144922.	1.1	33
98	Recent Major Advances of Biotechnology and Sustainable Aquaculture in China. <i>Current Biotechnology</i> , 2015, 4, 296-310.	0.2	11
99	One type of VEGFR is involved in WSSV infection to the Pacific whiteleg shrimp <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2015, 50, 1-8.	1.0	17
100	Molecular markers for identifying a new selected variety of Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 1-10.	0.7	14
101	Analysis on the expression and function of syndecan in the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2015, 51, 278-286.	1.0	13
102	Effect of temperature on the standard metabolic rates of juvenile and adult <i>Exopalaemon carinicauda</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 381-388.	0.7	8
103	Recombinant expression and functional analysis of an isoform of anti-lipopolysaccharide factors (FcALF5) from Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Developmental and Comparative Immunology</i> , 2015, 53, 47-54.	1.0	41
104	The ferritin gene in ridgetail white prawn <i>Exopalaemon carinicauda</i> : Cloning, expression and function. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 320-325.	3.6	17
105	Whole Transcriptome Analysis Provides Insights into Molecular Mechanisms for Molting in <i>Litopenaeus vannamei</i> . <i>PLoS ONE</i> , 2015, 10, e0144350.	1.1	86
106	Comparative Transcriptomic Characterization of the Early Development in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>PLoS ONE</i> , 2014, 9, e106201.	1.1	114
107	Bioinformatic Prediction of WSSV-Host Protein-Protein Interaction. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	20
108	A new ALF from <i>Litopenaeus vannamei</i> and its SNPs related to WSSV resistance. <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 1232-1247.	0.7	15

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109	Sensitivity of Larvae and Adult and the Immunologic Characteristics of <i>Litopenaeus vannamei</i> under the Acute Hypoxia. <i>Journal of Chemistry</i> , 2014, 2014, 1-6.	0.9	8
110	SNP Discovery in the Transcriptome of White Pacific Shrimp <i>Litopenaeus vannamei</i> by Next Generation Sequencing. <i>PLoS ONE</i> , 2014, 9, e87218.	1.1	66
111	Granulocytes of the red claw crayfish <i>Cherax quadricarinatus</i> can endocytose beads, <i>E. coli</i> and WSSV, but in different ways. <i>Developmental and Comparative Immunology</i> , 2014, 46, 186-193.	1.0	28
112	Comparison of Protein Expression Profiles of the Hepatopancreas in <i>Fenneropenaeus chinensis</i> Challenged with Heat-inactivated <i>Vibrio anguillarum</i> and White Spot Syndrome Virus. <i>Marine Biotechnology</i> , 2014, 16, 111-123.	1.1	18
113	Modification of a synthetic LPS-binding domain of anti-lipopolysaccharide factor from shrimp reveals strong structure-activity relationship in their antimicrobial characteristics. <i>Developmental and Comparative Immunology</i> , 2014, 45, 227-232.	1.0	33
114	Effect of salinity on growth and first sexual maturity of <i>Exopalaemon carinicauda</i> (Holthuis, 1950). <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 65-70.	0.7	7
115	A copper-induced metallothionein gene from <i>Exopalaemon carinicauda</i> and its response to heavy metal ions. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 246-250.	3.6	21
116	RNA-Seq reveals the dynamic and diverse features of digestive enzymes during early development of Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2014, 11, 37-44.	0.4	26
117	Cloning and expression analysis on a homolog of spermatogonial stem-cell renewal factor in <i>Fenneropenaeus chinensis</i> . <i>Invertebrate Reproduction and Development</i> , 2014, 58, 226-234.	0.3	1
118	Acute effects of cadmium and copper on survival, oxygen consumption, ammonia-N excretion, and metal accumulation in juvenile <i>Exopalaemon carinicauda</i> . <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 209-214.	2.9	31
119	Molecular characterization, immune response against white spot syndrome virus infection of peroxiredoxin 4 in <i>Fenneropenaeus chinensis</i> and its antioxidant activity. <i>Fish and Shellfish Immunology</i> , 2014, 37, 38-45.	1.6	17
120	Function of shrimp STAT during WSSV infection. <i>Fish and Shellfish Immunology</i> , 2014, 38, 354-360.	1.6	76
121	Characterization and function analysis of an anti-lipopolysaccharide factor (ALF) from the Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Developmental and Comparative Immunology</i> , 2014, 46, 349-355.	1.0	45
122	A new anti-lipopolysaccharide factor (ALF) gene with its SNP polymorphisms related to WSSV-resistance of <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2014, 39, 24-33.	1.6	44
123	Transcriptome Analysis of the Initial Stage of Acute WSSV Infection Caused by Temperature Change. <i>PLoS ONE</i> , 2014, 9, e90732.	1.1	26
124	Enhanced resistance of marine shrimp <i>Exopalaemon carinicauda</i> Holthuis to WSSV by injecting live VP28-recombinant bacteria. <i>Acta Oceanologica Sinica</i> , 2013, 32, 52-58.	0.4	36
125	Current Status of Genetics and Genomics of Reared Penaeid Shrimp: Information Relevant to Access and Benefit Sharing. <i>Marine Biotechnology</i> , 2013, 15, 399-412.	1.1	22
126	Selection for growth performance of tank-reared Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 534-541.	0.7	13

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127	Immune response of <i>Litopenaeus vannamei</i> after infection with <i>Vibrio harveyi</i> . <i>Aquaculture</i> , 2013, 406-407, 115-120.	1.7	32
128	Signaling pathways regulating innate immune responses in shrimp. <i>Fish and Shellfish Immunology</i> , 2013, 34, 973-980.	1.6	305
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