

Shihao Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/669492/publications.pdf>

Version: 2024-02-01

80
papers

2,554
citations

236925
25
h-index

214800
47
g-index

83
all docs

83
docs citations

83
times ranked

1732
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.	2.3	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.	4.8	3
3	Characterization of the Dual Functions of LvCrustinVII from <i>Litopenaeus vannamei</i> as Antimicrobial Peptide and Opsonin. <i>Marine Drugs</i> , 2022, 20, 157.	4.6	4
4	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.	2.3	5
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.	3.8	5
6	Pathogenicity of a <i>Vibrio owensii</i> strain isolated from <i>Fenneropenaeus chinensis</i> carrying pirAB genes and causing AHPND. <i>Aquaculture</i> , 2021, 530, 735747.	3.5	15
7	Antennal gland of shrimp as an entry for WSSV infection. <i>Aquaculture</i> , 2021, 530, 735932.	3.5	5
8	Simple sequence repeats drive genome plasticity and promote adaptive evolution in penaeid shrimp. <i>Communications Biology</i> , 2021, 4, 186.	4.4	37
9	A Lymphoid Organ Specific Anti-Lipopolysaccharide Factor from <i>Litopenaeus vannamei</i> Exhibits Strong Antimicrobial Activities. <i>Marine Drugs</i> , 2021, 19, 250.	4.6	8
10	Transcriptome Analysis Provides Insights into the Mechanism of Astaxanthin Enrichment in a Mutant of the Ridgetail White Prawn <i>Exopalaemon carinicauda</i> . <i>Genes</i> , 2021, 12, 618.	2.4	8
11	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.	2.6	1
12	Genes encoding putative bicarbonate transporters as a missing molecular link between molt and mineralization in crustaceans. <i>Scientific Reports</i> , 2021, 11, 11722.	3.3	8
13	Different Immune Responses of the Lymphoid Organ in Shrimp at Early Challenge Stage of <i>Vibrio parahaemolyticus</i> and WSSV. <i>Animals</i> , 2021, 11, 2160.	2.3	13
14	Structural basis of staphylococcal StI inhibition on a eukaryotic dUTPase. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 821-830.	7.5	2
15	An invertebrate gene encoding a Mab21-containing protein involves in antiviral response through regulating the STING pathway. <i>Developmental and Comparative Immunology</i> , 2021, 121, 104101.	2.3	6
16	Analysis of a sex-biased sequence in sex determination region and exploitation of a fast sex detection method in <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2021, 543, 736922.	3.5	2
17	Effects of ammonia stress on the hemocytes of the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Chemosphere</i> , 2020, 239, 124759.	8.2	66
18	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.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Characterization and Function Analysis of the Beta-Carotene Oxygenase-like Genes in Carotenoids Metabolism of the Ridgetail White Prawn <i>Exopalaemon carinicauda</i> . <i>Frontiers in Physiology</i> , 2020, 11, 745.	2.8	7
20	Molecular and Functional Diversity of Crustin-Like Genes in the Shrimp <i>Litopenaeus vannamei</i> . <i>Marine Drugs</i> , 2020, 18, 361.	4.6	22
21	Characterization of a gill-abundant crustin with microbiota modulating function in <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2020, 105, 393-404.	3.6	15
22	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.	3.6	13
23	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.	2.3	14
24	Structural analysis of a shrimp thymidylate synthase reveals species-specific interactions with dUMP and raltitrexed. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1891-1899.	1.3	1
25	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.	2.3	17
26	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.	2.3	31
27	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.	2.4	22
28	The Anti-lipopolysaccharide Factors in Crustaceans. <i>Sub-Cellular Biochemistry</i> , 2020, 94, 63-80.	2.4	17
29	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.	1.8	4
30	Penaeid shrimp genome provides insights into benthic adaptation and frequent molting. <i>Nature Communications</i> , 2019, 10, 356.	12.8	328
31	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.	4.8	17
32	An E3 ubiquitin ligase TRIM9 is involved in WSSV infection via interaction with Î²-TrCP. <i>Developmental and Comparative Immunology</i> , 2019, 97, 57-63.	2.3	21
33	Identification of Functional Gene Modules Associated With STAT-Mediated Antiviral Responses to White Spot Syndrome Virus in Shrimp. <i>Frontiers in Physiology</i> , 2019, 10, 212.	2.8	8
34	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.	2.8	32
35	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.	2.8	30
36	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.	3.6	10

#	ARTICLE	IF	CITATIONS
37	CPAP3 proteins in the mineralized cuticle of a decapod crustacean. <i>Scientific Reports</i> , 2018, 8, 2430.	3.3	13
38	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.	2.3	23
39	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.	2.2	62
40	A Putative Insulin-like Androgenic Gland Hormone Receptor Gene Specifically Expressed in Male Chinese Shrimp. <i>Endocrinology</i> , 2018, 159, 2173-2185.	2.8	40
41	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.	8.2	21
42	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.	4.6	16
43	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.	2.3	36
44	Triosephosphate isomerase (TPI) facilitates the replication of WSSV in <i>Exopalaemon carinicauda</i> . <i>Developmental and Comparative Immunology</i> , 2017, 71, 28-36.	2.3	21
45	MARS: A protein family involved in the formation of vertical skeletal elements. <i>Journal of Structural Biology</i> , 2017, 198, 92-102.	2.8	13
46	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.	0.9	24
47	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.	2.4	60
48	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.	4.8	16
49	The sea cucumber genome provides insights into morphological evolution and visceral regeneration. <i>PLoS Biology</i> , 2017, 15, e2003790.	5.6	202
50	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.	4.6	25
51	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.	4.6	31
52	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.	3.6	30
53	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.	2.3	25
54	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.	3.6	19

#	ARTICLE	IF	CITATIONS
55	Functional Diversity of Anti-Lipopolysaccharide Factor Isoforms in Shrimp and Their Characters Related to Antiviral Activity. <i>Marine Drugs</i> , 2015, 13, 2602-2616.	4.6	69
56	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.	2.3	17
57	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.	2.3	13
58	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.	2.3	41
59	Bioinformatic Prediction of WSSV-Host Protein-Protein Interaction. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	20
60	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.	2.3	33
61	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.	0.8	1
62	Function of shrimp STAT during WSSV infection. <i>Fish and Shellfish Immunology</i> , 2014, 38, 354-360.	3.6	76
63	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.	2.3	45
64	Transcriptome Analysis of the Initial Stage of Acute WSSV Infection Caused by Temperature Change. <i>PLoS ONE</i> , 2014, 9, e90732.	2.5	26
65	Screening of genes regulated by relish in Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Developmental and Comparative Immunology</i> , 2013, 41, 209-216.	2.3	19
66	An $\text{I}\kappa\text{B}$ homologue (FcCactus) in Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Developmental and Comparative Immunology</i> , 2013, 39, 352-362.	2.3	19
67	Shrimp MyD88 responsive to bacteria and white spot syndrome virus. <i>Fish and Shellfish Immunology</i> , 2013, 34, 574-581.	3.6	53
68	Expression and function analysis of Rac1 homolog in Chinese shrimp <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , 2013, 35, 927-932.	3.6	19
69	Screening of Genes Specifically Expressed in Males of <i>Fenneropenaeus chinensis</i> and Their Potential as Sex Markers. <i>Journal of Marine Biology</i> , 2013, 2013, 1-9.	1.0	2
70	Transcriptome Analysis on Chinese Shrimp <i>Fenneropenaeus chinensis</i> during WSSV Acute Infection. <i>PLoS ONE</i> , 2013, 8, e58627.	2.5	128
71	A Homolog of the Cell Apoptosis Susceptibility Gene Involved in Ovary Development of Chinese Shrimp <i>Fenneropenaeus chinensis</i> . <i>Biology of Reproduction</i> , 2012, 86, 1-7.	2.7	14
72	Expression profiles of antimicrobial peptides (AMPs) and their regulation by Relish. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 611-619.	0.7	11

#	ARTICLE	IF	CITATIONS
73	Two spliced variants of insulin-like androgenic gland hormone gene in the Chinese shrimp, <i>Fenneropenaeus chinensis</i> . <i>General and Comparative Endocrinology</i> , 2012, 177, 246-255.	1.8	72
74	Cloning and expression profiles of two isoforms of a CHH-like gene specifically expressed in male Chinese shrimp, <i>Fenneropenaeus chinensis</i> . <i>General and Comparative Endocrinology</i> , 2010, 167, 308-316.	1.8	11
75	Proteomic analysis of differentially expressed proteins in lymphoid organ of <i>Fenneropenaeus chinensis</i> response to <i>Vibrio anguillarum</i> stimulation. <i>Fish and Shellfish Immunology</i> , 2010, 29, 186-194.	3.6	32
76	A Dorsal homolog (FcDorsal) in the Chinese shrimp <i>Fenneropenaeus chinensis</i> is responsive to both bacteria and WSSV challenge. <i>Developmental and Comparative Immunology</i> , 2010, 34, 874-883.	2.3	72
77	Screening of genes related to ovary development in Chinese shrimp <i>Fenneropenaeus chinensis</i> by suppression subtractive hybridization. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2010, 5, 98-104.	1.0	10
78	Cloning of cytoplasmic heat shock protein 90 (FcHSP90) from <i>Fenneropenaeus chinensis</i> and its expression response to heat shock and hypoxia. <i>Cell Stress and Chaperones</i> , 2009, 14, 161-172.	2.9	73
79	Comparative proteomic profiles of the hepatopancreas in <i>Fenneropenaeus chinensis</i> response to hypoxic stress. <i>Proteomics</i> , 2009, 9, 3353-3367.	2.2	102
80	Identification of a novel relish homolog in Chinese shrimp <i>Fenneropenaeus chinensis</i> and its function in regulating the transcription of antimicrobial peptides. <i>Developmental and Comparative Immunology</i> , 2009, 33, 1093-1101.	2.3	74