

# Jin-Xing Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194 papers	5,684 citations	41 h-index	62 g-index
200 ext. papers	6,539 ext. citations	4.2 avg, IF	5.93 L-index

#	Paper	IF	Citations
194	Diversity and multiple functions of lectins in shrimp immunity. <i>Developmental and Comparative Immunology</i> , <b>2013</b> , 39, 27-38	3.2	218
193	Pattern recognition receptors acting in innate immune system of shrimp against pathogen infections. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 981-9	4.3	182
192	A hepatopancreas-specific C-type lectin from the Chinese shrimp <i>Fenneropenaeus chinensis</i> exhibits antimicrobial activity. <i>Molecular Immunology</i> , <b>2008</b> , 45, 348-61	4.3	160
191	A novel C-type lectin (FcLec4) facilitates the clearance of <i>Vibrio anguillarum</i> in vivo in Chinese white shrimp. <i>Developmental and Comparative Immunology</i> , <b>2009</b> , 33, 1039-47	3.2	136
190	A novel C-type lectin with two CRD domains from Chinese shrimp <i>Fenneropenaeus chinensis</i> functions as a pattern recognition protein. <i>Molecular Immunology</i> , <b>2009</b> , 46, 1626-37	4.3	129
189	Molecular cloning and characterization of a lipopolysaccharide and beta-1,3-glucan binding protein from fleshy prawn ( <i>Fenneropenaeus chinensis</i> ). <i>Molecular Immunology</i> , <b>2007</b> , 44, 1085-94	4.3	122
188	A shrimp C-type lectin inhibits proliferation of the hemolymph microbiota by maintaining the expression of antimicrobial peptides. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 11779-11790	5.4	104
187	C-type lectin binds to Integrin to promote hemocytic phagocytosis in an invertebrate. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 2405-14	5.4	97
186	Involvement of caspase-3 and p38 mitogen-activated protein kinase in cobalt chloride-induced apoptosis in PC12 cells. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 67, 837-43	4.4	94
185	A C-type lectin is involved in the innate immune response of Chinese white shrimp. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 556-62	4.3	92
184	Identification and molecular characterization of a peritrophin-like protein from fleshy prawn ( <i>Fenneropenaeus chinensis</i> ). <i>Molecular Immunology</i> , <b>2006</b> , 43, 1633-44	4.3	77
183	High level expression, purification, and characterization of the shrimp antimicrobial peptide, Ch-penaeidin, in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , <b>2005</b> , 39, 144-51	2	68
182	Expression of the <i>Helicoverpa</i> cathepsin B-like proteinase during embryonic development. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2005</b> , 58, 39-46	2.3	68
181	Binding of a C-type lectin's coiled-coil domain to the Domeless receptor directly activates the JAK/STAT pathway in the shrimp immune response to bacterial infection. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006626	7.6	65
180	Molecular cloning and characterization of the translationally controlled tumor protein from <i>Fenneropenaeus chinensis</i> . <i>Molecular Biology Reports</i> , <b>2009</b> , 36, 1683-93	2.8	64
179	Molecular cloning and expression analysis of chymotrypsin-like serine protease from the Chinese shrimp, <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 25, 589-97	4.3	64
178	An anti-lipopolysaccharide factor from red swamp crayfish, <i>Procambarus clarkii</i> , exhibited antimicrobial activities in vitro and in vivo. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 295-303	4.3	63

177	Purification and characterization of a cysteine proteinase from eggs of the cotton boll worm, <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>1998</b> , 28, 259-264	4.5	63
176	Molecular cloning and expression analysis of Ch-penaeidin, an antimicrobial peptide from Chinese shrimp, <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2004</b> , 16, 513-25	4.3	61
175	Identification and molecular characterization of a SpEzle-like protein from Chinese shrimp ( <i>Fenneropenaeus chinensis</i> ). <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 610-7	4.3	59
174	Molecular cloning and characterization of cecropin from the housefly ( <i>Musca domestica</i> ), and its expression in <i>Escherichia coli</i> . <i>Developmental and Comparative Immunology</i> , <b>2006</b> , 30, 249-57	3.2	58
173	A single whey acidic protein domain (SWD)-containing peptide from fleshy prawn with antimicrobial and proteinase inhibitory activities. <i>Aquaculture</i> , <b>2008</b> , 284, 246-259	4.4	55
172	Establishment of a new cell line from lepidopteran epidermis and hormonal regulation on the genes. <i>PLoS ONE</i> , <b>2008</b> , 3, e3127	3.7	55
171	Collaboration between a soluble C-type lectin and calreticulin facilitates white spot syndrome virus infection in shrimp. <i>Journal of Immunology</i> , <b>2014</b> , 193, 2106-17	5.3	54
170	Clip domain serine protease and its homolog respond to <i>Vibrio</i> challenge in Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 787-98	4.3	51
169	A new C-type lectin (FcLec5) from the Chinese white shrimp <i>Fenneropenaeus chinensis</i> . <i>Amino Acids</i> , <b>2010</b> , 39, 1227-39	3.5	49
168	C-type lectin from red swamp crayfish <i>Procambarus clarkii</i> participates in cellular immune response. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2011</b> , 76, 168-84	2.3	48
167	Comparative proteomic profiles of the hepatopancreas in <i>Fenneropenaeus chinensis</i> response to white spot syndrome virus. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 480-6	4.3	48
166	Activation of Toll Pathway Is Different between Kuruma Shrimp and. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1151	8.4	47
165	Immune responses of <i>Helicoverpa armigera</i> to different kinds of pathogens. <i>BMC Immunology</i> , <b>2010</b> , 11, 9	3.7	47
164	Characterization and expression of a new subfamily member of penaeidin antimicrobial peptides (penaeidin 5) from <i>Fenneropenaeus chinensis</i> . <i>Molecular Immunology</i> , <b>2007</b> , 44, 1535-43	4.3	47
163	Molecular cloning and characterization of the cathepsin B-like proteinase from the cotton boll worm, <i>Helicoverpa armigera</i> . <i>Insect Molecular Biology</i> , <b>2002</b> , 11, 567-75	3.4	47
162	Characterization of a C-type lectin from the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Developmental and Comparative Immunology</i> , <b>2009</b> , 33, 772-9	3.2	46
161	Two novel C-type lectins with a low-density lipoprotein receptor class A domain have antiviral function in the shrimp <i>Marsupenaeus japonicus</i> . <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 42, 323-32	3.2	44
160	A galectin from the kuruma shrimp ( <i>Marsupenaeus japonicus</i> ) functions as an opsonin and promotes bacterial clearance from hemolymph. <i>PLoS ONE</i> , <b>2014</b> , 9, e91794	3.7	44

159	A cathepsin L-like proteinase is involved in moulting and metamorphosis in <i>Helicoverpa armigera</i> . <i>Insect Molecular Biology</i> , <b>2010</b> , 19, 99-111	3-4	44
158	Molecular cloning and characterization of three crustins from the Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 517-24	4-3	44
157	Molecular cloning and characterization of a C-type lectin from the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Developmental and Comparative Immunology</i> , <b>2008</b> , 32, 71-83	3-2	44
156	A C-type lectin with an immunoglobulin-like domain promotes phagocytosis of hemocytes in crayfish <i>Procambarus clarkii</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 29924	4-9	44
155	Scavenger receptor B protects shrimp from bacteria by enhancing phagocytosis and regulating expression of antimicrobial peptides. <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 51, 10-21	3-2	43
154	Arrestins Negatively Regulate the Toll Pathway in Shrimp by Preventing Dorsal Translocation and Inhibiting Dorsal Transcriptional Activity. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 7488-504	5-4	42
153	A new group of anti-lipopolysaccharide factors from <i>Marsupenaeus japonicus</i> functions in antibacterial response. <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 48, 33-42	3-2	41
152	Characterization of an immune deficiency homolog (IMD) in shrimp ( <i>Fenneropenaeus chinensis</i> ) and crayfish ( <i>Procambarus clarkii</i> ). <i>Developmental and Comparative Immunology</i> , <b>2013</b> , 41, 608-17	3-2	41
151	Phospholipase C $\alpha$ connects the cell membrane pathway to the nuclear receptor pathway in insect steroid hormone signaling. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 13026-41	5-4	41
150	Scavenger Receptor C Mediates Phagocytosis of White Spot Syndrome Virus and Restricts Virus Proliferation in Shrimp. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1006127	7-6	41
149	TRBP homolog interacts with eukaryotic initiation factor 6 (eIF6) in <i>Fenneropenaeus chinensis</i> . <i>Journal of Immunology</i> , <b>2009</b> , 182, 5250-8	5-3	40
148	A double WAP domain (DWD)-containing protein with proteinase inhibitory activity in Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2009</b> , 154, 203-10	2-3	40
147	A novel crustin from <i>Marsupenaeus japonicus</i> promotes hemocyte phagocytosis. <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 49, 313-22	3-2	39
146	Characterization of a C-type lectin (PcLec2) as an upstream detector in the prophenoloxidase activating system of red swamp crayfish. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 241-7	4-3	39
145	Crustacean hemolymph microbiota: Endemic, tightly controlled, and utilization expectable. <i>Molecular Immunology</i> , <b>2015</b> , 68, 404-11	4-3	38
144	Prohibitin Interacts with envelope proteins of white spot syndrome virus and prevents infection in the red swamp crayfish, <i>Procambarus clarkii</i> . <i>Journal of Virology</i> , <b>2013</b> , 87, 12756-65	6-6	38
143	A novel protein with a fibrinogen-like domain involved in the innate immune response of <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 307-15	4-3	37
142	Functional analysis of two invertebrate-type lysozymes from red swamp crayfish, <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 1066-72	4-3	37

141	Molecular characterization and expression of the antimicrobial peptide defensin from the housefly ( <i>Musca domestica</i> ). <i>Cellular and Molecular Life Sciences</i> , <b>2006</b> , 63, 3072-82	10.3	37
140	TRBP and eIF6 homologue in <i>Marsupenaeus japonicus</i> play crucial roles in antiviral response. <i>PLoS ONE</i> , <b>2012</b> , 7, e30057	3.7	35
139	A selenium-dependent glutathione peroxidase (Se-GPx) and two glutathione S-transferases (GSTs) from Chinese shrimp ( <i>Fenneropenaeus chinensis</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 613-23	3.2	35
138	The steroid hormone 20-hydroxyecdysone binds to dopamine receptor to repress lepidopteran insect feeding and promote pupation. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008331	6	34
137	A single WAP domain (SWD)-containing protein with antipathogenic relevance in red swamp crayfish, <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 134-42	4.3	34
136	A fibrinogen-related protein (FREP) is involved in the antibacterial immunity of <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 39, 296-304	4.3	33
135	Four crustins involved in antibacterial responses in <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 43, 387-95	4.3	33
134	Cathepsin B-like proteinase is involved in the decomposition of the adult fat body of <i>Helicoverpa armigera</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>2006</b> , 62, 1-10	2.3	32
133	L-Type lectin from the kuruma shrimp <i>Marsupenaeus japonicus</i> promotes hemocyte phagocytosis. <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 44, 397-405	3.2	31
132	Molecular cloning and expression analysis of signal transducer and activator of transcription (STAT) from the Chinese white shrimp <i>Fenneropenaeus chinensis</i> . <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 5313-9	2.8	31
131	Hsc70 binds to ultraspiracle resulting in the upregulation of 20-hydroxyecdysone-responsive genes in <i>Helicoverpa armigera</i> . <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 315, 282-91	4.4	31
130	A three-domain Kazal-type serine proteinase inhibitor exhibiting domain inhibitory and bacteriostatic activities from freshwater crayfish <i>Procambarus clarkii</i> . <i>Developmental and Comparative Immunology</i> , <b>2009</b> , 33, 1229-38	3.2	31
129	Identification of genes differentially expressed during larval molting and metamorphosis of <i>Helicoverpa armigera</i> . <i>BMC Developmental Biology</i> , <b>2007</b> , 7, 73	3.1	31
128	Molecular cloning and expression patterns of the molt-regulating transcription factor HHR3 from <i>Helicoverpa armigera</i> . <i>Insect Molecular Biology</i> , <b>2004</b> , 13, 407-12	3.4	31
127	Protein Inhibitor of Activated STAT (PIAS) Negatively Regulates the JAK/STAT Pathway by Inhibiting STAT Phosphorylation and Translocation. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2392	8.4	31
126	20-Hydroxyecdysone activates Forkhead box O to promote proteolysis during <i>Helicoverpa armigera</i> molting. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 1005-15	6.6	30
125	G-protein-coupled receptor participates in 20-hydroxyecdysone signaling on the plasma membrane. <i>Cell Communication and Signaling</i> , <b>2014</b> , 12, 9	7.5	30
124	The hormone-dependent function of Hsp90 in the crosstalk between 20-hydroxyecdysone and juvenile hormone signaling pathways in insects is determined by differential phosphorylation and protein interactions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2013</b> , 1830, 5184-92	4	30

123	Characterization, kinetics, and possible function of Kazal-type proteinase inhibitors of Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 885-97	4.3	30
122	Akirin interacts with Bap60 and 14-3-3 proteins to regulate the expression of antimicrobial peptides in the kuruma shrimp ( <i>Marsupenaeus japonicus</i> ). <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 55, 80-9	3.2	29
121	Juvenile hormone prevents 20-hydroxyecdysone-induced metamorphosis by regulating the phosphorylation of a newly identified broad protein. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26630-26641	5.4	29
120	Enzyme E2 from Chinese white shrimp inhibits replication of white spot syndrome virus and ubiquitinates its RING domain proteins. <i>Journal of Virology</i> , <b>2011</b> , 85, 8069-79	6.6	28
119	Identification and expression profile of a putative basement membrane protein gene in the midgut of <i>Helicoverpa armigera</i> . <i>BMC Developmental Biology</i> , <b>2007</b> , 7, 76	3.1	28
118	The polymeric immunoglobulin receptor-like protein from <i>Marsupenaeus japonicus</i> is a receptor for white spot syndrome virus infection. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007558	7.6	27
117	Catalase eliminates reactive oxygen species and influences the intestinal microbiota of shrimp. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 47, 63-73	4.3	27
116	The steroid hormone 20-hydroxyecdysone promotes switching from autophagy to apoptosis by increasing intracellular calcium levels. <i>Insect Biochemistry and Molecular Biology</i> , <b>2016</b> , 79, 73-86	4.5	27
115	A new type antimicrobial peptide astacidin functions in antibacterial immune response in red swamp crayfish <i>Procambarus clarkii</i> . <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 43, 121-8	3.2	27
114	Two cysteine proteinases respond to bacterial and WSSV challenge in Chinese white shrimp <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 551-6	4.3	27
113	Molecular cloning and characterization of Hearn caspase-1 from <i>Helicoverpa armigera</i> . <i>Molecular Biology Reports</i> , <b>2008</b> , 35, 405-12	2.8	27
112	A new subfamily of penaeidin with an additional serine-rich region from kuruma shrimp ( <i>Marsupenaeus japonicus</i> ) contributes to antimicrobial and phagocytic activities. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 59, 186-98	3.2	26
111	A novel Toll like receptor with two TIR domains (HcToll-2) is involved in regulation of antimicrobial peptide gene expression of <i>Hyriopsis cumingii</i> . <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 45, 198-208	3.2	26
110	Expression of four trypsin-like serine proteases from the Chinese shrimp, <i>Fenneropenaeus chinensis</i> , as regulated by pathogenic infection. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2009</b> , 153, 54-60	2.3	26
109	Function of nuclear transport factor 2 and Ran in the 20E signal transduction pathway in the cotton bollworm, <i>Helicoverpa armigera</i> . <i>BMC Cell Biology</i> , <b>2010</b> , 11, 1		26
108	Three Kazal-type serine proteinase inhibitors from the red swamp crayfish <i>Procambarus clarkii</i> and the characterization, function analysis of hcPcSPI2. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 942-51	4.3	25
107	Characterization of the trypsin-like protease (Ha-TLP2) constitutively expressed in the integument of the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>2009</b> , 72, 74-87	2.3	25
106	An acyl-CoA-binding protein (FcACBP) and a fatty acid binding protein (FcFABP) respond to microbial infection in Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 739-47	4.3	25



105	In a nongenomic action, steroid hormone 20-hydroxyecdysone induces phosphorylation of cyclin-dependent kinase 10 to promote gene transcription. <i>Endocrinology</i> , <b>2014</b> , 155, 1738-50	4.8	24
104	Antibacterial activity of serine protease inhibitor 1 from kuruma shrimp <i>Marsupenaeus japonicus</i> . <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 44, 261-9	3.2	24
103	Molecular cloning and characterization of Fc-TSP from the Chinese shrimp <i>Fennerpenaeus chinensis</i> . <i>Molecular Immunology</i> , <b>2006</b> , 43, 1202-10	4.3	24
102	Characterization of a type-I crustin with broad-spectrum antimicrobial activity from red swamp crayfish <i>Procambarus clarkii</i> . <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 61, 145-53	3.2	23
101	The participation of calponin in the cross talk between 20-hydroxyecdysone and juvenile hormone signaling pathways by phosphorylation variation. <i>PLoS ONE</i> , <b>2011</b> , 6, e19776	3.7	23
100	Upregulation of the expression of prodeath serine/threonine protein kinase for programmed cell death by steroid hormone 20-hydroxyecdysone. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2013</b> , 18, 171-87	5.4	22
99	BAX inhibitor-1 silencing suppresses white spot syndrome virus replication in red swamp crayfish, <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 46-53	4.3	22
98	A novel pathogen-binding gC1qR homolog, FcgC1qR, in the Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 400-7	3.2	21
97	A vector that expresses VP28 of WSSV can protect red swamp crayfish from white spot disease. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 442-9	3.2	21
96	SUMO-conjugating enzyme E2 UBC9 mediates viral immediate-early protein SUMOylation in crayfish to facilitate reproduction of white spot syndrome virus. <i>Journal of Virology</i> , <b>2013</b> , 87, 636-47	6.6	21
95	Dual oxidases participate in the regulation of intestinal microbiotic homeostasis in the kuruma shrimp <i>Marsupenaeus japonicus</i> . <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 59, 153-63	3.2	20
94	Identification of differentially expressed proteins during larval molting of <i>Helicoverpa armigera</i> . <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 164-9	5.6	20
93	The functional relevance of shrimp C-type lectins in host-pathogen interactions. <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 109, 103708	3.2	20
92	The Steroid Hormone 20-Hydroxyecdysone Enhances Gene Transcription through the cAMP Response Element-binding Protein (CREB) Signaling Pathway. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 12771-12785	5.4	20
91	Thymosins participate in antiviral immunity of red swamp crayfish ( <i>Procambarus clarkii</i> ). <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 51, 213-25	3.2	19
90	Methoprene-tolerant 1 regulates gene transcription to maintain insect larval status. <i>Journal of Molecular Endocrinology</i> , <b>2014</b> , 53, 93-104	4.5	19
89	Involvement of <i>Fenneropenaeus chinensis</i> Cathepsin C in antiviral immunity. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 821-8	4.3	19
88	A thioredoxin response to the WSSV challenge on the Chinese white shrimp, <i>Fenneropenaeus chinensis</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 151, 92-8	3.2	19

87	Suppressor of cytokine signaling 2 (SOCS2) negatively regulates the expression of antimicrobial peptides by affecting the Stat transcriptional activity in shrimp <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 56, 473-482	4.3	19
86	Calnexin functions in antibacterial immunity of <i>Marsupenaeus japonicus</i> . <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 46, 356-63	3.2	18
85	Protein kinase C delta phosphorylates ecdysone receptor B1 to promote gene expression and apoptosis under 20-hydroxyecdysone regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E7121-E7130	11.5	18
84	Ultra-sensitive DNA assay based on single-molecule detection coupled with fluorescent quantum dot-labeling and its application to determination of messenger RNA. <i>Analytica Chimica Acta</i> , <b>2011</b> , 685, 52-7	6.6	18
83	A single whey acidic protein domain containing protein (SWD) inhibits bacteria invasion and dissemination in shrimp <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 310-8	4.3	17
82	G-protein-coupled receptor controls steroid hormone signaling in cell membrane. <i>Scientific Reports</i> , <b>2015</b> , 5, 8675	4.9	17
81	Adenylate kinase 2 (AK2) promotes cell proliferation in insect development. <i>BMC Molecular Biology</i> , <b>2012</b> , 13, 31	4.5	17
80	Overexpression of a C-type lectin enhances bacterial resistance in red swamp crayfish <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 1112-8	4.3	17
79	Expression and function of cathepsin B-like proteinase in larval hemocytes of <i>Helicoverpa armigera</i> during metamorphosis. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2007</b> , 64, 164-74	2.3	17
78	Autophagy triggers CTSD (cathepsin D) maturation and localization inside cells to promote apoptosis. <i>Autophagy</i> , <b>2021</b> , 17, 1170-1192	10.2	17
77	Novel Pattern Recognition Receptor Protects Shrimp by Preventing Bacterial Colonization and Promoting Phagocytosis. <i>Journal of Immunology</i> , <b>2017</b> , 198, 3045-3057	5.3	16
76	A C-type lectin could selectively facilitate bacteria clearance in red swamp crayfish, <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 1387-94	4.3	16
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