Jin-Xing Wang

List of Publications by Year
in descending order

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197 papers	7,341 citations	44066 48 h-index	88628 70 g-index
200 all docs	200 docs citations	200 times ranked	4010 citing authors

#	Article	IF	Citations
1	Diversity and multiple functions of lectins in shrimp immunity. Developmental and Comparative Immunology, 2013, 39, 27-38.	2.3	274
2	Pattern recognition receptors acting in innate immune system of shrimp against pathogen infections. Fish and Shellfish Immunology, 2013, 34, 981-989.	3.6	234
3	A hepatopancreas-specific C-type lectin from the Chinese shrimp Fenneropenaeus chinensis exhibits antimicrobial activity. Molecular Immunology, 2008, 45, 348-361.	2.2	186
4	A novel C-type lectin (FcLec4) facilitates the clearance of Vibrio anguillarum in vivo in Chinese white shrimp. Developmental and Comparative Immunology, 2009, 33, 1039-1047.	2.3	157
5	Molecular cloning and characterization of a lipopolysaccharide and Î²-1,3-glucan binding protein from fleshy prawn (Fenneropenaeus chinensis). Molecular Immunology, 2007, 44, 1085-1094.	2.2	148
6	A novel C-type lectin with two CRD domains from Chinese shrimp Fenneropenaeus chinensis functions as a pattern recognition protein. Molecular Immunology, 2009, 46, 1626-1637.	2.2	147
7	A Shrimp C-type Lectin Inhibits Proliferation of the Hemolymph Microbiota by Maintaining the Expression of Antimicrobial Peptides. Journal of Biological Chemistry, 2014, 289, 11779-11790.	3.4	140
8	C-type Lectin Binds to Î²-Integrin to Promote Hemocytic Phagocytosis in an Invertebrate. Journal of Biological Chemistry, 2014, 289, 2405-2414.	3.4	129
9	Binding of a C-type lectinâ€™s coiled-coil domain to the Domeless receptor directly activates the JAK/STAT pathway in the shrimp immune response to bacterial infection. PLoS Pathogens, 2017, 13, e1006626.	4.7	110
10	A C-type lectin is involved in the innate immune response of Chinese white shrimp. Fish and Shellfish Immunology, 2009, 27, 556-562.	3.6	104
11	Involvement of caspase-3 and p38 mitogen-activated protein kinase in cobalt chloride-induced apoptosis in PC12 cells. Journal of Neuroscience Research, 2002, 67, 837-843.	2.9	102
12	Identification and molecular characterization of a peritrophin-like protein from fleshy prawn (Fenneropenaeus chinensis). Molecular Immunology, 2006, 43, 1633-1644.	2.2	84
13	Molecular cloning and expression analysis of chymotrypsin-like serine protease from the Chinese shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2008, 25, 589-597.	3.6	83
14	High level expression, purification, and characterization of the shrimp antimicrobial peptide, Ch-penaeidin, in Pichia pastoris. Protein Expression and Purification, 2005, 39, 144-151.	1.3	82
15	Expression of theHelicoverpa cathepsin b-like proteinase during embryonic development. Archives of Insect Biochemistry and Physiology, 2005, 58, 39-46.	1.5	80
16	Activation of Toll Pathway Is Different between Kuruma Shrimp and Drosophila. Frontiers in Immunology, 2017, 8, 1151.	4.8	79
17	Molecular cloning and characterization of the translationally controlled tumor protein from Fenneropenaeus chinensis. Molecular Biology Reports, 2009, 36, 1683-1693.	2.3	78
18	Collaboration between a Soluble C-Type Lectin and Calreticulin Facilitates White Spot Syndrome Virus Infection in Shrimp. Journal of Immunology, 2014, 193, 2106-2117.	0.8	76

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19	An anti-lipopolysaccharide factor from red swamp crayfish, Procambarus clarkii, exhibited antimicrobial activities in vitro and in vivo. Fish and Shellfish Immunology, 2011, 30, 295-303.	3.6	74
20	Identification and molecular characterization of a SpÃtzle-like protein from Chinese shrimp (Fenneropenaeus chinensis). Fish and Shellfish Immunology, 2009, 27, 610-617.	3.6	71
21	Purification and characterization of a cysteine proteinase from eggs of the cotton boll worm, Helicoverpa armigera. Insect Biochemistry and Molecular Biology, 1998, 28, 259-264.	2.7	69
22	C-type lectin from red swamp crayfish Procambarus clarkii participates in cellular immune response. Archives of Insect Biochemistry and Physiology, 2011, 76, 168-184.	1.5	69
23	Molecular cloning and expression analysis of Ch-penaeidin, an antimicrobial peptide from Chinese shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2004, 16, 513-525.	3.6	67
24	A cathepsin Lâ€like proteinase is involved in moulting and metamorphosis in Helicoverpa armigera. Insect Molecular Biology, 2010, 19, 99-111.	2.0	67
25	Scavenger Receptor C Mediates Phagocytosis of White Spot Syndrome Virus and Restricts Virus Proliferation in Shrimp. PLoS Pathogens, 2016, 12, e1006127.	4.7	66
26	Clip domain serine protease and its homolog respond to Vibrio challenge in Chinese white shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2009, 26, 787-798.	3.6	65
27	Autophagy triggers CTSD (cathepsin D) maturation and localization inside cells to promote apoptosis. Autophagy, 2021, 17, 1170-1192.	9.1	64
28	Molecular cloning and characterization of cecropin from the housefly (Musca domestica), and its expression in Escherichia coliâ†. Developmental and Comparative Immunology, 2006, 30, 249-257.	2.3	63
29	Immune responses of Helicoverpa armigera to different kinds of pathogens. BMC Immunology, 2010, 11, 9.	2.2	63
30	Establishment of a New Cell Line from Lepidopteran Epidermis and Hormonal Regulation on the Genes. PLoS ONE, 2008, 3, e3127.	2.5	62
31	A single whey acidic protein domain (SWD)-containing peptide from fleshy prawn with antimicrobial and proteinase inhibitory activities. Aquaculture, 2008, 284, 246-259.	3.5	61
32	Crustacean hemolymph microbiota: Endemic, tightly controlled, and utilization expectable. Molecular Immunology, 2015, 68, 404-411.	2.2	60
33	The steroid hormone 20-hydroxyecdysone binds to dopamine receptor to repress lepidopteran insect feeding and promote pupation. PLoS Genetics, 2019, 15, e1008331.	3.5	60
34	A new C-type lectin (FcLec5) from the Chinese white shrimp Fenneropenaeus chinensis. Amino Acids, 2010, 39, 1227-1239.	2.7	59
35	Scavenger receptor B protects shrimp from bacteria by enhancing phagocytosis and regulating expression of antimicrobial peptides. Developmental and Comparative Immunology, 2015, 51, 10-21.	2.3	58
36	A C-type lectin with an immunoglobulin-like domain promotes phagocytosis of hemocytes in crayfish Procambarus clarkii. Scientific Reports, 2016, 6, 29924.	3.3	57

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37	A novel crustin from Marsupenaeus japonicus promotes hemocyte phagocytosis. Developmental and Comparative Immunology, 2015, 49, 313-322.	2.3	54
38	Characterization of a C-type lectin (PcLec2) as an upstream detector in the prophenoloxidase activating system of red swamp crayfish. Fish and Shellfish Immunology, 2011, 30, 241-247.	3.6	53
39	Two novel C-type lectins with a low-density lipoprotein receptor class A domain have antiviral function in the shrimp Marsupenaeus japonicus. Developmental and Comparative Immunology, 2014, 42, 323-332.	2.3	53
40	Protein Inhibitor of Activated STAT (PIAS) Negatively Regulates the JAK/STAT Pathway by Inhibiting STAT Phosphorylation and Translocation. Frontiers in Immunology, 2018, 9, 2392.	4.8	53
41	Characterization and expression of a new subfamily member of penaeidin antimicrobial peptides (penaeidin 5) from Fenneropenaeus chinensis. Molecular Immunology, 2007, 44, 1535-1543.	2.2	52
42	Comparative proteomic profiles of the hepatopancreas in Fenneropenaeus chinensis response to white spot syndrome virus. Fish and Shellfish Immunology, 2010, 29, 480-486.	3.6	52
43	A Galectin from the Kuruma Shrimp (Marsupenaeus japonicus) Functions as an Opsonin and Promotes Bacterial Clearance from Hemolymph. PLoS ONE, 2014, 9, e91794.	2.5	52
44	Î²-Arrestins Negatively Regulate the Toll Pathway in Shrimp by Preventing Dorsal Translocation and Inhibiting Dorsal Transcriptional Activity. Journal of Biological Chemistry, 2016, 291, 7488-7504.	3.4	52
45	Molecular cloning and characterization of a C-type lectin from the cotton bollworm, Helicoverpa armigera. Developmental and Comparative Immunology, 2008, 32, 71-83.	2.3	51
46	Molecular cloning and characterization of three crustins from the Chinese white shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2010, 28, 517-524.	3.6	51
47	The functional relevance of shrimp C-type lectins in host-pathogen interactions. Developmental and Comparative Immunology, 2020, 109, 103708.	2.3	51
48	Molecular cloning and characterization of the cathepsin B-like proteinase from the cotton boll worm, Helicoverpa armigera. Insect Molecular Biology, 2002, 11, 567-575.	2.0	50
49	Characterization of an immune deficiency homolog (IMD) in shrimp (Fenneropenaeus chinensis) and crayfish (Procambarus clarkii). Developmental and Comparative Immunology, 2013, 41, 608-617.	2.3	50
50	Prohibitin Interacts with Envelope Proteins of White Spot Syndrome Virus and Prevents Infection in the Red Swamp Crayfish, Procambarus clarkii. Journal of Virology, 2013, 87, 12756-12765.	3.4	50
51	Characterization of a C-type lectin from the cotton bollworm, Helicoverpa armigera. Developmental and Comparative Immunology, 2009, 33, 772-779.	2.3	49
52	A double WAP domain (DWD)-containing protein with proteinase inhibitory activity in Chinese white shrimp, Fenneropenaeus chinensis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 203-210.	1.6	48
53	Function of nuclear transport factor 2 and Ran in the 20E signal transduction pathway in the cotton bollworm, Helicoverpa armigera. BMC Cell Biology, 2010, 11, 1.	3.0	48
54	Phospholipase CÎ³1 Connects the Cell Membrane Pathway to the Nuclear Receptor Pathway in Insect Steroid Hormone Signaling. Journal of Biological Chemistry, 2014, 289, 13026-13041.	3.4	48

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55	TRBP Homolog Interacts with Eukaryotic Initiation Factor 6 (eIF6) in Fenneropenaeus chinensis. Journal of Immunology, 2009, 182, 5250-5258.	0.8	46
56	A selenium-dependent glutathione peroxidase (Se-GPx) and two glutathione S-transferases (GSTs) from Chinese shrimp (Fenneropenaeus chinensis). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 613-623.	2.6	46
57	Functional analysis of two invertebrate-type lysozymes from red swamp crayfish, Procambarus clarkii. Fish and Shellfish Immunology, 2010, 29, 1066-1072.	3.6	45
58	A new group of anti-lipopolysaccharide factors from Marsupenaeus japonicus functions in antibacterial response. Developmental and Comparative Immunology, 2015, 48, 33-42.	2.3	45
59	A novel protein with a fibrinogen-like domain involved in the innate immune response of Marsupenaeus japonicus. Fish and Shellfish Immunology, 2012, 32, 307-315.	3.6	44
60	l-Type lectin from the kuruma shrimp Marsupenaeus japonicus promotes hemocyte phagocytosis. Developmental and Comparative Immunology, 2014, 44, 397-405.	2.3	43
61	The steroid hormone 20-hydroxyecdysone promotes switching from autophagy to apoptosis by increasing intracellular calcium levels. Insect Biochemistry and Molecular Biology, 2016, 79, 73-86.	2.7	43
62	Cathepsin B-like proteinase is involved in the decomposition of the adult fat body ofHelicoverpa armigera. Archives of Insect Biochemistry and Physiology, 2006, 62, 1-10.	1.5	42
63	Catalase eliminates reactive oxygen species and influences the intestinal microbiota of shrimp. Fish and Shellfish Immunology, 2015, 47, 63-73.	3.6	42
64	20-hydroxyecdysone activates Forkhead box O to promote proteolysis during Helicoverpa armigera molting. Development (Cambridge), 2016, 143, 1005-15.	2.5	42
65	Four crustins involved in antibacterial responses in Marsupenaeus japonicus. Fish and Shellfish Immunology, 2015, 43, 387-395.	3.6	41
66	Akirin interacts with Bap60 and 14-3-3 proteins to regulate the expression of antimicrobial peptides in the kuruma shrimp (Marsupenaeus japonicus). Developmental and Comparative Immunology, 2016, 55, 80-89.	2.3	41
67	The polymeric immunoglobulin receptor-like protein from Marsupenaeus japonicus is a receptor for white spot syndrome virus infection. PLoS Pathogens, 2019, 15, e1007558.	4.7	41
68	Molecular characterization and expression of the antimicrobial peptide defensin from the housefly (Musca domestica). Cellular and Molecular Life Sciences, 2006, 63, 3072-3082.	5.4	40
69	A fibrinogen-related protein (FREP) is involved in the antibacterial immunity of Marsupenaeus japonicus. Fish and Shellfish Immunology, 2014, 39, 296-304.	3.6	40
70	Pattern recognition receptors from lepidopteran insects and their biological functions. Developmental and Comparative Immunology, 2020, 108, 103688.	2.3	40
71	Expression of four trypsin-like serine proteases from the Chinese shrimp, Fenneropenaeus chinensis, as regulated by pathogenic infection. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 153, 54-60.	1.6	39
72	A single WAP domain (SWD)-containing protein with antipathogenic relevance in red swamp crayfish, Procambarus clarkii. Fish and Shellfish Immunology, 2010, 28, 134-142.	3.6	39

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73	Juvenile Hormone Prevents 20-Hydroxyecdysone-induced Metamorphosis by Regulating the Phosphorylation of a Newly Identified Broad Protein. Journal of Biological Chemistry, 2014, 289, 26630-26641.	3.4	39
74	TRBP and eIF6 Homologue in Marsupenaeus japonicus Play Crucial Roles in Antiviral Response. PLoS ONE, 2012, 7, e30057.	2.5	38
75	Novel Pattern Recognition Receptor Protects Shrimp by Preventing Bacterial Colonization and Promoting Phagocytosis. Journal of Immunology, 2017, 198, 3045-3057.	0.8	37
76	Protein kinase C delta phosphorylates ecdysone receptor B1 to promote gene expression and apoptosis under 20-hydroxyecdysone regulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7121-E7130.	7.1	37
77	Characterization of a type-I crustin with broad-spectrum antimicrobial activity from red swamp crayfish Procambarus clarkii. Developmental and Comparative Immunology, 2016, 61, 145-153.	2.3	36
78	A three-domain Kazal-type serine proteinase inhibitor exhibiting domain inhibitory and bacteriostatic activities from freshwater crayfish Procambarus clarkii. Developmental and Comparative Immunology, 2009, 33, 1229-1238.	2.3	35
79	Molecular cloning and expression analysis of signal transducer and activator of transcription (STAT) from the Chinese white shrimp Fenneropenaeus chinensis. Molecular Biology Reports, 2011, 38, 5313-5319.	2.3	35
80	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. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 5184-5192.	2.4	35
81	G-protein-coupled receptor participates in 20-hydroxyecdysone signaling on the plasma membrane. Cell Communication and Signaling, 2014, 12, 9.	6.5	35
82	A novel Toll like receptor with two TIR domains (HcToll-2) is involved in regulation of antimicrobial peptide gene expression of Hyriopsis cumingii. Developmental and Comparative Immunology, 2014, 45, 198-208.	2.3	35
83	Identification of genes differentially expressed during larval molting and metamorphosis of Helicoverpa armigera. BMC Developmental Biology, 2007, 7, 73.	2.1	34
84	Antibacterial activity of serine protease inhibitor 1 from kuruma shrimp Marsupenaeus japonicus. Developmental and Comparative Immunology, 2014, 44, 261-269.	2.3	34
85	A new type antimicrobial peptide astacidin functions in antibacterial immune response in red swamp crayfish Procambarus clarkii. Developmental and Comparative Immunology, 2014, 43, 121-128.	2.3	34
86	Characterization, kinetics, and possible function of Kazal-type proteinase inhibitors of Chinese white shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2009, 26, 885-897.	3.6	33
87	Hsc70 binds to ultraspiracle resulting in the upregulation of 20-hydroxyecdsone-responsive genes in Helicoverpa armigera. Molecular and Cellular Endocrinology, 2010, 315, 282-291.	3.2	33
88	Two cysteine proteinases respond to bacterial and WSSV challenge in Chinese white shrimp Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2010, 29, 551-556.	3.6	33
89	Molecular cloning and expression patterns of the molt-regulating transcription factor HHR3 from Helicoverpa armigera. Insect Molecular Biology, 2004, 13, 407-412.	2.0	32
90	Enzyme E2 from Chinese White Shrimp Inhibits Replication of White Spot Syndrome Virus and Ubiquitinates Its RING Domain Proteins. Journal of Virology, 2011, 85, 8069-8079.	3.4	32

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91	In a Nongenomic Action, Steroid Hormone 20-Hydroxyecdysone Induces Phosphorylation of Cyclin-Dependent Kinase 10 to Promote Gene Transcription. Endocrinology, 2014, 155, 1738-1750.	2.8	32
92	The Steroid Hormone 20-Hydroxyecdysone Enhances Gene Transcription through the cAMP Response Element-binding Protein (CREB) Signaling Pathway. Journal of Biological Chemistry, 2016, 291, 12771-12785.	3.4	32
93	A new subfamily of penaeidin with an additional serine-rich region from kuruma shrimp (Marsupenaeus japonicus) contributes to antimicrobial and phagocytic activities. Developmental and Comparative Immunology, 2016, 59, 186-198.	2.3	32
94	Identification and expression profile of a putative basement membrane protein gene in the midgut of Helicoverpa armigera. BMC Developmental Biology, 2007, 7, 76.	2.1	31
95	Dual oxidases participate in the regulation of intestinal microbiotic homeostasis in the kuruma shrimp Marsupenaeus japonicus. Developmental and Comparative Immunology, 2016, 59, 153-163.	2.3	30
96	Characterization of the trypsinâ€like protease (Haâ€TLP2) constitutively expressed in the integument of the cotton bollworm, Helicoverpa armigera. Archives of Insect Biochemistry and Physiology, 2009, 72, 74-87.	1.5	29
97	An acyl-CoA-binding protein (FcACBP) and a fatty acid binding protein (FcFABP) respond to microbial infection in Chinese white shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2009, 27, 739-747.	3.6	29
98	Molecular cloning and characterization of Hearm caspase-1 from Helicoverpa armigera. Molecular Biology Reports, 2008, 35, 405-412.	2.3	27
99	SUMO-Conjugating Enzyme E2 UBC9 Mediates Viral Immediate-Early Protein SUMOylation in Crayfish To Facilitate Reproduction of White Spot Syndrome Virus. Journal of Virology, 2013, 87, 636-647.	3.4	27
100	Three Kazal-type serine proteinase inhibitors from the red swamp crayfish Procambarus clarkii and the characterization, function analysis of hcPcSPI2. Fish and Shellfish Immunology, 2010, 28, 942-951.	3.6	26
101	Upregulation of the expression of prodeath serine/threonine protein kinase for programmed cell death by steroid hormone 20-hydroxyecdysone. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 171-187.	4.9	26
102	BAX inhibitor-1 silencing suppresses white spot syndrome virus replication in red swamp crayfish, Procambarus clarkii. Fish and Shellfish Immunology, 2013, 35, 46-53.	3.6	26
103	Molecular cloning and characterization of Fc-TSP from the Chinese shrimp Fennerpenaeus chinensis. Molecular Immunology, 2006, 43, 1202-1210.	2.2	25
104	Involvement of Fenneropenaeus chinensis Cathepsin C in antiviral immunity. Fish and Shellfish Immunology, 2012, 33, 821-828.	3.6	25
105	A novel pathogen-binding gC1qR homolog, FcgC1qR, in the Chinese white shrimp, Fenneropenaeus chinensis. Developmental and Comparative Immunology, 2012, 36, 400-407.	2.3	25
106	A vector that expresses VP28 of WSSV can protect red swamp crayfish from white spot disease. Developmental and Comparative Immunology, 2012, 36, 442-449.	2.3	25
107	Methoprene-tolerant 1 regulates gene transcription to maintain insect larval status. Journal of Molecular Endocrinology, 2014, 53, 93-104.	2.5	25
108	FOXO regulates the expression of antimicrobial peptides and promotes phagocytosis of hemocytes in shrimp antibacterial immunity. PLoS Pathogens, 2021, 17, e1009479.	4.7	25

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109	G-protein-coupled receptor controls steroid hormone signaling in cell membrane. Scientific Reports, 2015, 5, 8675.	3.3	24
110	Suppressor of cytokine signaling 2 (SOCS2) negatively regulates the expression of antimicrobial peptides by affecting the Stat transcriptional activity in shrimp Marsupenaeus japonicus. Fish and Shellfish Immunology, 2016, 56, 473-482.	3.6	24
111	The Participation of Calponin in the Cross Talk between 20-Hydroxyecdysone and Juvenile Hormone Signaling Pathways by Phosphorylation Variation. PLoS ONE, 2011, 6, e19776.	2.5	24
112	A thioredoxin response to the WSSV challenge on the Chinese white shrimp, Fenneropenaeus chinensis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 151, 92-98.	2.6	23
113	Î²-Thymosins participate in antiviral immunity of red swamp crayfish (Procambarus clarkii). Developmental and Comparative Immunology, 2015, 51, 213-225.	2.3	22
114	Scavenger receptor C promotes bacterial clearance in kuruma shrimp Marsupenaeus japonicus by enhancing hemocyte phagocytosis and AMP expression. Fish and Shellfish Immunology, 2017, 67, 254-262.	3.6	22
115	A C-type lectin could selectively facilitate bacteria clearance in red swamp crayfish, Procambarus clarkii. Fish and Shellfish Immunology, 2013, 35, 1387-1394.	3.6	21
116	A single whey acidic protein domain containing protein (SWD) inhibits bacteria invasion and dissemination in shrimp Marsupenaeus japonicus. Fish and Shellfish Immunology, 2013, 35, 310-318.	3.6	21
117	Calnexin functions in antibacterial immunity of Marsupenaeus japonicus. Developmental and Comparative Immunology, 2014, 46, 356-363.	2.3	21
118	The Steroid Hormone 20-Hydroxyecdysone via Nongenomic Pathway Activates Ca2+/Calmodulin-dependent Protein Kinase II to Regulate Gene Expression. Journal of Biological Chemistry, 2015, 290, 8469-8481.	3.4	21
119	Identification of Differentially Expressed Proteins during Larval Molting of Helicoverpa armigera. Journal of Proteome Research, 2006, 5, 164-169.	3.7	20
120	Identification of three different types of serine proteases (one SP and two SPHs) in Chinese white shrimp. Fish and Shellfish Immunology, 2011, 30, 456-466.	3.6	20
121	Ultra-sensitive DNA assay based on single-molecule detection coupled with fluorescent quantum dot-labeling and its application to determination of messenger RNA. Analytica Chimica Acta, 2011, 685, 52-57.	5.4	20
122	Adenylate kinase 2 (AK2) promotes cell proliferation in insect development. BMC Molecular Biology, 2012, 13, 31.	3.0	20
123	Insulin and 20-hydroxyecdysone oppose each other in the regulation of phosphoinositide-dependent kinase-1 expression during insect pupation. Journal of Biological Chemistry, 2018, 293, 18613-18623.	3.4	20
124	A Small GTPase, RhoA, Inhibits Bacterial Infection Through Integrin Mediated Phagocytosis in Invertebrates. Frontiers in Immunology, 2018, 9, 1928.	4.8	20
125	MD-2 Homologue Recognizes the White Spot Syndrome Virus Lipid Component and Induces Antiviral Molecule Expression in Shrimp. Journal of Immunology, 2019, 203, 1131-1141.	0.8	20
126	Metabolomic Profiles in the Intestine of Shrimp Infected by White Spot Syndrome Virus and Antiviral Function of the Metabolite Linoleic Acid in Shrimp. Journal of Immunology, 2021, 206, 2075-2087.	0.8	20

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127	Overexpression of a C-type lectin enhances bacterial resistance in red swamp crayfish Procambarus clarkii. Fish and Shellfish Immunology, 2013, 34, 1112-1118.	3.6	19
128	Cloning and expression analysis of an o-methyltransferase (OMT) gene from Chinese shrimp, Fenneropenaeus chinensis. Fish and Shellfish Immunology, 2006, 21, 284-292.	3.6	18
129	Expression and function of cathepsin B-like proteinase in larval hemocytes ofHelicoverpa armigera during metamorphosis. Archives of Insect Biochemistry and Physiology, 2007, 64, 164-174.	1.5	18
130	Proteomic identification of differentially expressed and phosphorylated proteins in epidermis involved in larval-pupal metamorphosis of Helicoverpa armigera. BMC Genomics, 2009, 10, 600.	2.8	18
131	Molecular characterization and expression analysis of a chicken-type lysozyme gene from housefly (Musca domestica). Journal of Genetics and Genomics, 2009, 36, 7-16.	3.9	18
132	A Lysin motif (LysM)-containing protein functions in antibacterial responses of red swamp crayfish, Procambarus clarkii. Developmental and Comparative Immunology, 2013, 40, 311-319.	2.3	18
133	Involvement of a LysM and putative peptidoglycan-binding domain-containing protein in the antibacterial immune response of kuruma shrimp Marsupenaeus japonicus. Fish and Shellfish Immunology, 2016, 54, 489-498.	3.6	18
134	Chicken-type lysozyme functions in the antibacterial immunity in red swamp crayï¬sh, Procambarus clarkii. Developmental and Comparative Immunology, 2018, 85, 134-141.	2.3	18
135	Galectin-mediated immune recognition: Opsonic roles with contrasting outcomes in selected shrimp and bivalve mollusk species. Developmental and Comparative Immunology, 2020, 110, 103721.	2.3	18
136	Cyclin-dependent kinase regulatory subunit 1 promotes cell proliferation by insulin regulation. Cell Cycle, 2015, 14, 3045-3057.	2.6	17
137	Mod(mdg4) participates in hormonally regulated midgut programmed cell death during metamorphosis. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 1327-1339.	4.9	16
138	Interaction of the Small GTPase Cdc42 with Arginine Kinase Restricts White Spot Syndrome Virus in Shrimp. Journal of Virology, 2017, 91, .	3.4	16
139	Two Sympatric Phylogroups of the Chinese Water Deer (Hydropotes inermis) Identified by Mitochondrial DNA Control Region and Cytochrome b Gene Analyses. Biochemical Genetics, 2009, 47, 860-867.	1.7	15
140	Characterization of a 2-Cys peroxiredoxin IV in Marsupenaeus japonicus (kuruma shrimp) and its role in the anti-viral immunity. Fish and Shellfish Immunology, 2013, 35, 1848-1857.	3.6	15
141	The Steroid Hormone 20-Hydroxyecdysone Up-regulates Ste-20 Family Serine/Threonine Kinase Hippo to Induce Programmed Cell Death. Journal of Biological Chemistry, 2015, 290, 24738-24746.	3.4	15
142	The steroid hormone 20-hydroxyecdysone upregulates calcium release-activated calcium channel modulator 1 expression to induce apoptosis in the midgut of Helicoverpa armigera. Cell Calcium, 2017, 68, 24-33.	2.4	15
143	RPS27, a sORF-Encoded Polypeptide, Functions Antivirally by Activating the NF-Î²B Pathway and Interacting With Viral Envelope Proteins in Shrimp. Frontiers in Immunology, 2019, 10, 2763.	4.8	15
144	Chromosomal polymorphism of mandarin vole, Microtus mandarinus (Rodentia). Hereditas, 2003, 138, 47-53.	1.4	14

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145	Rab32 and the remodeling of the imaginal midgut in Helicoverpa armigera. Amino Acids, 2011, 40, 953-961.	2.7	14
146	Molecular cloning and characterization of a receptor for activated protein kinase C1 (RACK1) from Chinese white shrimp; Fenneropenaeus chinensis. Developmental and Comparative Immunology, 2011, 35, 629-634.	2.3	14
147	G-protein Î±q participates in the steroid hormone 20-hydroxyecdysone nongenomic signal transduction. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 313-323.	2.5	14
148	The Steroid Hormone 20-Hydroxyecdysone Regulates the Conjugation of Autophagy-Related Proteins 12 and 5 in a Concentration and Time-Dependent Manner to Promote Insect Midgut Programmed Cell Death. Frontiers in Endocrinology, 2018, 9, 28.	3.5	14
149	KrÃ¼ppel-like factor 15 integrated autophagy and gluconeogenesis to maintain glucose homeostasis under 20-hydroxyecdysone regulation. PLoS Genetics, 2022, 18, e1010229.	3.5	14
150	Molecular cloning and expression profiles of the acylâ€CoAâ€binding protein gene from the cotton bollworm Helicoverpa armigera. Archives of Insect Biochemistry and Physiology, 2008, 68, 79-88.	1.5	13
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