Xiao-Fan Zhao

List of Publications by Year in Descending Order

182 papers	5,097 citations	41 h-index	58 g-index
186 ext. papers	5,836 ext. citations	4.1 avg, IF	5.69 L-index

#	Paper	IF	Citations
182	Insulin-like Growth Factor 2 Promotes Tissue-Specific Cell Growth, Proliferation and Survival during Development of Helicoverpa armigera. *Cells*, **2022**, 11, 1799	7.9	0
181	Identification and Functional Analysis of G Protein-Coupled Receptors in 20-Hydroxyecdysone Signaling From the Genome. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 753787	5.7	1
180	The homotetramerization of a GPCR transmits the 20-hydroxyecdysone signal and increases its entry into cells for insect metamorphosis. *Development (Cambridge)*, **2021**, 148,	6.6	2
179	Juvenile hormone induces methoprene-tolerant 1 phosphorylation to increase interaction with Taiman in Helicoverpa armigera. *Insect Biochemistry and Molecular Biology*, **2021**, 130, 103519	4.5	5
178	FOXO regulates the expression of antimicrobial peptides and promotes phagocytosis of hemocytes in shrimp antibacterial immunity. *PLoS Pathogens*, **2021**, 17, e1009479	7.6	5
177	Subunit P60 of phosphatidylinositol 3-kinase promotes cell proliferation or apoptosis depending on its phosphorylation status. *PLoS Genetics*, **2021**, 17, e1009514	6	1
176	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	5.3	5
175	Autophagy triggers CTSD (cathepsin D) maturation and localization inside cells to promote apoptosis. *Autophagy*, **2021**, 17, 1170-1192	10.2	17
174	The steroid hormone 20-hydroxyecdysone counteracts insulin signaling via insulin receptor dephosphorylation. *Journal of Biological Chemistry*, **2021**, 296, 100318	5.4	2
173	Progress in understanding hormonal regulation during the postembryonic development of Helicoverpa armigera. *Journal of Integrative Agriculture*, **2020**, 19, 1417-1428	3.2	6
172	G protein-coupled receptors function as cell membrane receptors for the steroid hormone 20-hydroxyecdysone. *Cell Communication and Signaling*, **2020**, 18, 146	7.5	6
171	The polymeric immunoglobulin receptor-like protein from Marsupenaeus japonicus is a receptor for white spot syndrome virus infection. *PLoS Pathogens*, **2019**, 15, e1007558	7.6	27
170	The steroid hormone 20-hydroxyecdysone binds to dopamine receptor to repress lepidopteran insect feeding and promote pupation. *PLoS Genetics*, **2019**, 15, e1008331	6	34
169	The steroid hormone 20-hydroxyecdysone induces phosphorylation and aggregation of stromal interacting molecule 1 for store-operated calcium entry. *Journal of Biological Chemistry*, **2019**, 294, 14922-14936	5.4	7
168	RPS27, a sORF-Encoded Polypeptide, Functions Antivirally by Activating the NF-B Pathway and Interacting With Viral Envelope Proteins in Shrimp. *Frontiers in Immunology*, **2019**, 10, 2763	8.4	5
167	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	5.7	8
166	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	5.4	11

165	Protein Inhibitor of Activated STAT (PIAS) Negatively Regulates the JAK/STAT Pathway by Inhibiting STAT Phosphorylation and Translocation. *Frontiers in Immunology*, **2018**, 9, 2392	8.4	31
164	A Small GTPase, RhoA, Inhibits Bacterial Infection Through Integrin Mediated Phagocytosis in Invertebrates. *Frontiers in Immunology*, **2018**, 9, 1928	8.4	11
163	Leucine-rich repeats containing protein functions in the antibacterial immune reaction in stomach of kuruma shrimp Marsupenaeus japonicus. *Fish and Shellfish Immunology*, **2017**, 61, 130-137	4.3	8
162	Novel Pattern Recognition Receptor Protects Shrimp by Preventing Bacterial Colonization and Promoting Phagocytosis. *Journal of Immunology*, **2017**, 198, 3045-3057	5.3	16
161	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	4.3	14
160	Interaction of the Small GTPase Cdc42 with Arginine Kinase Restricts White Spot Syndrome Virus in Shrimp. *Journal of Virology*, **2017**, 91,	6.6	10
159	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	4	11
158	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. *PLoS Pathogens*, **2017**, 13, e1006626	7.6	65
157	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	11.5	18
156	Activation of Toll Pathway Is Different between Kuruma Shrimp and. *Frontiers in Immunology*, **2017**, 8, 1151	8.4	47
155	The Steroid Hormone 20-Hydroxyecdysone Promotes the Cytoplasmic Localization of Yorkie to Suppress Cell Proliferation and Induce Apoptosis. *Journal of Biological Chemistry*, **2016**, 291, 21761-21770	5.4	8
154	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	4.5	27
153	□Arrestin 1's Interaction with TC45 Attenuates Stat signaling by dephosphorylating Stat to inhibit antimicrobial peptide expression. *Scientific Reports*, **2016**, 6, 35808	4.9	5
152	Steroid hormone 20-hydroxyecdysone promotes higher calcium mobilization to induce apoptosis. *Cell Calcium*, **2016**, 60, 1-12	4	20
151	Characterization of a type-I crustin with broad-spectrum antimicrobial activity from red swamp crayfish Procambarus clarkii. *Developmental and Comparative Immunology*, **2016**, 61, 145-53	3.2	23
150	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, 489-98	4.3	10
149	20-Hydroxyecdysone activates Forkhead box O to promote proteolysis during Helicoverpa armigera molting. *Development (Cambridge)*, **2016**, 143, 1005-15	6.6	30
148	Dual oxidases participate in the regulation of intestinal microbiotic homeostasis in the kuruma shrimp Marsupenaeus japonicus. *Developmental and Comparative Immunology*, **2016**, 59, 153-63	3.2	20

147	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, 186-98	3.2	26
146	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, 80-9	3.2	29
145	Scavenger Receptor C Mediates Phagocytosis of White Spot Syndrome Virus and Restricts Virus Proliferation in Shrimp. *PLoS Pathogens*, **2016**, 12, e1006127	7.6	41
144	G-protein-coupled receptor kinase 2 terminates G-protein-coupled receptor function in steroid hormone 20-hydroxyecdysone signaling. *Scientific Reports*, **2016**, 6, 29205	4.9	6
143	Arrestins Negatively Regulate the Toll Pathway in Shrimp by Preventing Dorsal Translocation and Inhibiting Dorsal Transcriptional Activity. *Journal of Biological Chemistry*, **2016**, 291, 7488-504	5.4	42
142	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	5.4	20
141	A novel crustin from Marsupenaeus japonicus promotes hemocyte phagocytosis. *Developmental and Comparative Immunology*, **2015**, 49, 313-22	3.2	39
140	Cyclin-dependent kinase regulatory subunit 1 promotes cell proliferation by insulin regulation. *Cell Cycle*, **2015**, 14, 3045-57	4.7	14
139	Scavenger receptor B protects shrimp from bacteria by enhancing phagocytosis and regulating expression of antimicrobial peptides. *Developmental and Comparative Immunology*, **2015**, 51, 10-21	3.2	43
138	Thymosins participate in antiviral immunity of red swamp crayfish (Procambarus clarkii). *Developmental and Comparative Immunology*, **2015**, 51, 213-25	3.2	19
137	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, 24738-46	5.4	13
136	Catalase eliminates reactive oxygen species and influences the intestinal microbiota of shrimp. *Fish and Shellfish Immunology*, **2015**, 47, 63-73	4.3	27
135	A new group of anti-lipopolysaccharide factors from Marsupenaeus japonicus functions in antibacterial response. *Developmental and Comparative Immunology*, **2015**, 48, 33-42	3.2	41
134	Multiplexed optical coding nanobeads and their application in single-molecule counting analysis for multiple gene expression analysis. *Analytica Chimica Acta*, **2015**, 886, 123-32	6.6	1
133	G-protein-coupled receptor controls steroid hormone signaling in cell membrane. *Scientific Reports*, **2015**, 5, 8675	4.9	17
132	Four crustins involved in antibacterial responses in Marsupenaeus japonicus. *Fish and Shellfish Immunology*, **2015**, 43, 387-95	4.3	33
131	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, 8469-81	5.4	15
130	Arrestin1 interacts with G protein-coupled receptor to desensitize signaling of the steroid hormone 20-hydroxyecdysone in the lepidopteran insect Helicoverpa armigera. *Cellular Signalling*, **2015**, 27, 878-86	4.9	5

129	G-protein-coupled receptor participates in 20-hydroxyecdysone signaling on the plasma membrane. *Cell Communication and Signaling*, **2014**, 12, 9	7.5	30
128	L-Type lectin from the kuruma shrimp Marsupenaeus japonicus promotes hemocyte phagocytosis. *Developmental and Comparative Immunology*, **2014**, 44, 397-405	3.2	31
127	A new type antimicrobial peptide astacidin functions in antibacterial immune response in red swamp crayfish Procambarus clarkii. *Developmental and Comparative Immunology*, **2014**, 43, 121-8	3.2	27
126	G-protein β participates in the steroid hormone 20-hydroxyecdysone nongenomic signal transduction. *Journal of Steroid Biochemistry and Molecular Biology*, **2014**, 144 Pt B, 313-23	5.1	13
125	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, 323-32	3.2	44
124	In a nongenomic action, steroid hormone 20-hydroxyecdysone induces phosphorylation of cyclin-dependent kinase 10 to promote gene transcription. *Endocrinology*, **2014**, 155, 1738-50	4.8	24
123	A fibrinogen-related protein (FREP) is involved in the antibacterial immunity of Marsupenaeus japonicus. *Fish and Shellfish Immunology*, **2014**, 39, 296-304	4.3	33
122	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	5.4	104
121	C-type lectin binds to βintegrin to promote hemocytic phagocytosis in an invertebrate. *Journal of Biological Chemistry*, **2014**, 289, 2405-14	5.4	97
120	Calnexin functions in antibacterial immunity of Marsupenaeus japonicus. *Developmental and Comparative Immunology*, **2014**, 46, 356-63	3.2	18
119	A galectin from the kuruma shrimp (Marsupenaeus japonicus) functions as an opsonin and promotes bacterial clearance from hemolymph. *PLoS ONE*, **2014**, 9, e91794	3.7	44
118	Phospholipase Cβ connects the cell membrane pathway to the nuclear receptor pathway in insect steroid hormone signaling. *Journal of Biological Chemistry*, **2014**, 289, 13026-41	5.4	41
117	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	5.4	29
116	Collaboration between a soluble C-type lectin and calreticulin facilitates white spot syndrome virus infection in shrimp. *Journal of Immunology*, **2014**, 193, 2106-17	5.3	54
115	Methoprene-tolerant 1 regulates gene transcription to maintain insect larval status. *Journal of Molecular Endocrinology*, **2014**, 53, 93-104	4.5	19
114	Heat shock protein 90 maintains the stability and function of transcription factor Broad Z7 by interacting with its Broad-Complex-Tramtrack-Bric-a-brac domain. *Insect Molecular Biology*, **2014**, 23, 720-32	3.4	7
113	Antibacterial activity of serine protease inhibitor 1 from kuruma shrimp Marsupenaeus japonicus. *Developmental and Comparative Immunology*, **2014**, 44, 261-9	3.2	24
112	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, 5184-92	4	30

111	Steroid hormone 20-hydroxyecdysone regulation of the very-high-density lipoprotein (VHDL) receptor phosphorylation for VHDL uptake. *Insect Biochemistry and Molecular Biology*, **2013**, 43, 328-35	4.5	3
110	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, 171-87	5.4	22
109	Characterization of an immune deficiency homolog (IMD) in shrimp (Fenneropenaeus chinensis) and crayfish (Procambarus clarkii). *Developmental and Comparative Immunology*, **2013**, 41, 608-17	3.2	41
108	A Lysin motif (LysM)-containing protein functions in antibacterial responses of red swamp crayfish, Procambarus clarkii. *Developmental and Comparative Immunology*, **2013**, 40, 311-9	3.2	15
107	A single whey acidic protein domain containing protein (SWD) inhibits bacteria invasion and dissemination in shrimp Marsupenaeus japonicus. *Fish and Shellfish Immunology*, **2013**, 35, 310-8	4.3	17
106	BAX inhibitor-1 silencing suppresses white spot syndrome virus replication in red swamp crayfish, Procambarus clarkii. *Fish and Shellfish Immunology*, **2013**, 35, 46-53	4.3	22
105	Overexpression of a C-type lectin enhances bacterial resistance in red swamp crayfish Procambarus clarkii. *Fish and Shellfish Immunology*, **2013**, 34, 1112-8	4.3	17
104	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, 636-47	6.6	21
103	Suppression of AcMNPV replication by adf and thymosin protein up-regulation in a new testis cell line, Ha-shl-t. *Archives of Insect Biochemistry and Physiology*, **2013**, 82, 158-71	2.3	4
102	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, 12756-65	6.6	38
101	The apoptosis inhibitor survivin prevents insect midgut from cell death during postembryonic development. *Molecular Biology Reports*, **2012**, 39, 1691-9	2.8	6
100	The knockdown of Ha-GRIM-19 by RNA interference induced programmed cell death. *Amino Acids*, **2012**, 42, 1297-307	3.5	10
99	Participation of haemocytes in fat body degradation via cathepsin L expression. *Insect Molecular Biology*, **2012**, 21, 521-34	3.4	17
98	Mod(mdg4) participates in hormonally regulated midgut programmed cell death during metamorphosis. *Apoptosis: an International Journal on Programmed Cell Death*, **2012**, 17, 1327-39	5.4	14
97	Involvement of Fenneropenaeus chinensis Cathepsin C in antiviral immunity. *Fish and Shellfish Immunology*, **2012**, 33, 821-8	4.3	19
96	Small GTPase Rab4b participates in the gene transcription of 20-hydroxyecdysone and insulin pathways to regulate glycogen level and metamorphosis. *Developmental Biology*, **2012**, 371, 13-22	3.1	18
95	Cloning and characterization of Rap GTPase from the Chinese white shrimp Fenneropenaeus chinensis. *Developmental and Comparative Immunology*, **2012**, 36, 247-52	3.2	10
94	A novel pathogen-binding gC1qR homolog, FcgC1qR, in the Chinese white shrimp, Fenneropenaeus chinensis. *Developmental and Comparative Immunology*, **2012**, 36, 400-7	3.2	21

93	A vector that expresses VP28 of WSSV can protect red swamp crayfish from white spot disease. *Developmental and Comparative Immunology*, **2012**, 36, 442-9	3.2	21
92	A novel protein with a fibrinogen-like domain involved in the innate immune response of Marsupenaeus japonicus. *Fish and Shellfish Immunology*, **2012**, 32, 307-15	4.3	37
91	Adenylate kinase 2 (AK2) promotes cell proliferation in insect development. *BMC Molecular Biology*, **2012**, 13, 31	4.5	17
90	TRBP and eIF6 homologue in Marsupenaeus japonicus play crucial roles in antiviral response. *PLoS ONE*, **2012**, 7, e30057	3.7	35
89	The steroid hormone 20-hydroxyecdysone upregulated the protein phosphatase 6 for the programmed cell death in the insect midgut. *Amino Acids*, **2012**, 43, 963-71	3.5	7
88	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, 241-7	4.3	39
87	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	4.3	63
86	Identification of three different types of serine proteases (one SP and two SPHs) in Chinese white shrimp. *Fish and Shellfish Immunology*, **2011**, 30, 456-66	4.3	16
85	Potential role of single hotdog fold thioesterase in the antiviral response of Fenneropenaeus chinensis. *Fish and Shellfish Immunology*, **2011**, 30, 1192-6	4.3	
84	The juvenile hormone analogue methoprene up-regulates the Ha-RNA-binding protein. *Molecular and Cellular Endocrinology*, **2011**, 333, 172-80	4.4	5
83	Thymosin is upregulated by the steroid hormone 20-hydroxyecdysone and microorganisms. *Insect Molecular Biology*, **2011**, 20, 519-27	3.4	14
82	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, 5313-9	2.8	31
81	Rab32 and the remodeling of the imaginal midgut in Helicoverpa armigera. *Amino Acids*, **2011**, 40, 953-61	3.5	13
80	C-type lectin from red swamp crayfish Procambarus clarkii participates in cellular immune response. *Archives of Insect Biochemistry and Physiology*, **2011**, 76, 168-84	2.3	48
79	A BTB domain-containing gene is upregulated by immune challenge. *Archives of Insect Biochemistry and Physiology*, **2011**, 77, 58-71	2.3	6
78	Molecular cloning and expression pattern analysis of two novel disulfide isomerases in shrimp. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2011**, 153, 301-9	3.2	7
77	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, 629-34	3.2	11
76	Enzyme E2 from Chinese white shrimp inhibits replication of white spot syndrome virus and ubiquitinates its RING domain proteins. *Journal of Virology*, **2011**, 85, 8069-79	6.6	28

75	The participation of calponin in the cross talk between 20-hydroxyecdysone and juvenile hormone signaling pathways by phosphorylation variation. *PLoS ONE*, **2011**, 6, e19776	3.7	23
74	A cathepsin L-like proteinase is involved in moulting and metamorphosis in Helicoverpa armigera. *Insect Molecular Biology*, **2010**, 19, 99-111	3.4	44
73	Hsc70 binds to ultraspiracle resulting in the upregulation of 20-hydroxyecdsone-responsive genes in Helicoverpa armigera. *Molecular and Cellular Endocrinology*, **2010**, 315, 282-91	4.4	31
72	A single WAP domain (SWD)-containing protein with antipathogenic relevance in red swamp crayfish, Procambarus clarkii. *Fish and Shellfish Immunology*, **2010**, 28, 134-42	4.3	34
71	Molecular cloning and characterization of three crustins from the Chinese white shrimp, Fenneropenaeus chinensis. *Fish and Shellfish Immunology*, **2010**, 28, 517-24	4.3	44
70	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, 942-51	4.3	25
69	Two cysteine proteinases respond to bacterial and WSSV challenge in Chinese white shrimp Fenneropenaeus chinensis. *Fish and Shellfish Immunology*, **2010**, 29, 551-6	4.3	27
68	Comparative proteomic profiles of the hepatopancreas in Fenneropenaeus chinensis response to white spot syndrome virus. *Fish and Shellfish Immunology*, **2010**, 29, 480-6	4.3	48
67	Functional analysis of two invertebrate-type lysozymes from red swamp crayfish, Procambarus clarkii. *Fish and Shellfish Immunology*, **2010**, 29, 1066-72	4.3	37
66	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, 92-8	3.2	19
65	A new C-type lectin (FcLec5) from the Chinese white shrimp Fenneropenaeus chinensis. *Amino Acids* , **2010**, 39, 1227-39	3.5	49
64	Immune responses of Helicoverpa armigera to different kinds of pathogens. *BMC Immunology*, **2010**, 11, 9	3.7	47
63	The expression patterns of a eukaryotic initiation factor 3 subunit H in the silk glands in Bombyx mori. *Archives of Insect Biochemistry and Physiology*, **2010**, 75, 1-12	2.3	1
62	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		26
61	TRBP homolog interacts with eukaryotic initiation factor 6 (eIF6) in Fenneropenaeus chinensis. *Journal of Immunology*, **2009**, 182, 5250-8	5.3	40
60	Proteomic identification of differentially expressed and phosphorylated proteins in epidermis involved in larval-pupal metamorphosis of Helicoverpa armigera. *BMC Genomics*, **2009**, 10, 600	4.5	15
59	Papers selected from the International Symposium on Insect Physiology. *Archives of Insect Biochemistry and Physiology*, **2009**, 70, 1-2	2.3	
58	International Symposium on Insect Physiology, Biochemistry and Molecular Biology. Preface. *Archives of Insect Biochemistry and Physiology*, **2009**, 71, 1-2	2.3	

57	Characterization of the trypsin-like protease (Ha-TLP2) constitutively expressed in the integument of the cotton bollworm, Helicoverpa armigera. *Archives of Insect Biochemistry and Physiology*, **2009**, 72, 74-87	2.3	25
56	Molecular cloning and characterization of the translationally controlled tumor protein from Fenneropenaeus chinensis. *Molecular Biology Reports*, **2009**, 36, 1683-93	2.8	64
55	A eukaryotic initiation factor 5C is upregulated during metamorphosis in the cotton bollworm, Helicoverpa armigera. *BMC Developmental Biology*, **2009**, 9, 19	3.1	5
54	Characterization and influences of classical insect hormones on the expression profiles of a molting carboxypeptidase A from the cotton bollworm (Helicoverpa armigera). *Insect Molecular Biology*, **2009**, 18, 353-63	3.4	26
53	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, 613-23	3.2	35
52	Characterization of a C-type lectin from the cotton bollworm, Helicoverpa armigera. *Developmental and Comparative Immunology*, **2009**, 33, 772-9	3.2	46
51	A novel C-type lectin (FcLec4) facilitates the clearance of Vibrio anguillarum in vivo in Chinese white shrimp. *Developmental and Comparative Immunology*, **2009**, 33, 1039-47	3.2	136
50	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, 1229-38	3.2	31
49	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	2.3	26
48	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, 203-10	2.3	40
47	Clip domain serine protease and its homolog respond to Vibrio challenge in Chinese white shrimp, Fenneropenaeus chinensis. *Fish and Shellfish Immunology*, **2009**, 26, 787-98	4.3	51
46	Characterization, kinetics, and possible function of Kazal-type proteinase inhibitors of Chinese white shrimp, Fenneropenaeus chinensis. *Fish and Shellfish Immunology*, **2009**, 26, 885-97	4.3	30
45	Identification and molecular characterization of a Spätzle-like protein from Chinese shrimp (Fenneropenaeus chinensis). *Fish and Shellfish Immunology*, **2009**, 27, 610-7	4.3	59
44	A C-type lectin is involved in the innate immune response of Chinese white shrimp. *Fish and Shellfish Immunology*, **2009**, 27, 556-62	4.3	92
43	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, 739-47	4.3	25
42	A novel C-type lectin with two CRD domains from Chinese shrimp Fenneropenaeus chinensis functions as a pattern recognition protein. *Molecular Immunology*, **2009**, 46, 1626-37	4.3	129
41	Molecular characterization and expression analysis of a chicken-type lysozyme gene from housefly (Musca domestica). *Journal of Genetics and Genomics*, **2009**, 36, 7-16	4	16
40	Molecular cloning and analysis of function of nucleoside diphosphate kinase (NDPK) from the scallop Chlamys farreri. *Biochemistry (Moscow)*, **2008**, 73, 686-92	2.9	6

39	Effects of classical insect hormones on the expression profiles of a lipase gene from the cotton bollworm (Helicoverpa armigera). *Insect Molecular Biology*, **2008**, 17, 523-9	3.4	6
38	Construction of the recombinant baculovirus AcMNPV with cathepsin B-like proteinase and its insecticidal activity against Helicoverpa armigera. *Pesticide Biochemistry and Physiology*, **2008**, 91, 141-146	4.9	7
37	A hepatopancreas-specific C-type lectin from the Chinese shrimp Fenneropenaeus chinensis exhibits antimicrobial activity. *Molecular Immunology*, **2008**, 45, 348-61	4.3	160
36	A single whey acidic protein domain (SWD)-containing peptide from fleshy prawn with antimicrobial and proteinase inhibitory activities. *Aquaculture*, **2008**, 284, 246-259	4.4	55
35	Molecular cloning and expression analysis of chymotrypsin-like serine protease from the Chinese shrimp, Fenneropenaeus chinensis. *Fish and Shellfish Immunology*, **2008**, 25, 589-97	4.3	64
34	Molecular cloning and characterization of a C-type lectin from the cotton bollworm, Helicoverpa armigera. *Developmental and Comparative Immunology*, **2008**, 32, 71-83	3.2	44
33	Establishment of a new cell line from lepidopteran epidermis and hormonal regulation on the genes. *PLoS ONE*, **2008**, 3, e3127	3.7	55
32	Molecular cloning and characterization of Hearm caspase-1 from Helicoverpa armigera. *Molecular Biology Reports*, **2008**, 35, 405-12	2.8	27
31	Molecular cloning and expression profiles of the acyl-CoA-binding protein gene from the cotton bollworm Helicoverpa armigera. *Archives of Insect Biochemistry and Physiology*, **2008**, 68, 79-88	2.3	11
30	Gene cloning and expression analysis of ubiquitin derived from Musca domestica. *Archives of Insect Biochemistry and Physiology*, **2008**, 68, 89-99	2.3	2
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