

# Xiao-Qiang Yu

## List of Publications by Year in Descending Order

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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.

168  
papers

7,613  
citations

47  
h-index

80  
g-index

174  
ext. papers

8,908  
ext. citations

4.4  
avg, IF

5.97  
L-index

#	Paper	IF	Citations
168	Toll9 from functions as a pattern recognition receptor that shares features with Toll-like receptor 4 from mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	4
167	Gut Microbiota Dysbiosis Influences Metabolic Homeostasis in. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 727434	4.7	4
166	Possible Insecticidal Mechanism of Cry41-Related Toxin against by Enhancing Cathepsin B Activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 4607-4615	5.7	2
165	Immune responses to <i>Bacillus thuringiensis</i> in the midgut of the diamondback moth, <i>Plutella xylostella</i> . <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 107, 103661	3.2	13
164	Comparative genomic analysis of C-type lectin-domain genes in seven holometabolous insect species. <i>Insect Biochemistry and Molecular Biology</i> , <b>2020</b> , 126, 103451	4.5	5
163	Characterization of the active fragments of <i>Spodoptera litura</i> Lebocin-1. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2020</b> , 103, e21626	2.3	3
162	Wolbachia-induced expression of kenny gene in testes affects male fertility in <i>Drosophila melanogaster</i> . <i>Insect Science</i> , <b>2020</b> , 27, 869-882	3.6	12
161	Function of <i>Aedes aegypti</i> galectin-6 in modulation of Cry11Aa toxicity. <i>Pesticide Biochemistry and Physiology</i> , <b>2020</b> , 162, 96-104	4.9	1
160	Pattern recognition receptors in <i>Drosophila</i> immune responses. <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 102, 103468	3.2	44
159	A unique lectin composing of fibrinogen-like domain from <i>Fenneropenaeus merguensis</i> contributed in shrimp immune defense and firstly found to mediate encapsulation. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 92, 276-287	4.3	11
158	Toll family members bind multiple Spätzle proteins and activate antimicrobial peptide gene expression in. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 10172-10181	5.4	23
157	An in vitro study of NF- $\kappa$ B factors cooperatively in regulation of <i>Drosophila melanogaster</i> antimicrobial peptide genes. <i>Developmental and Comparative Immunology</i> , <b>2019</b> , 95, 50-58	3.2	10
156	Ingestion of killed bacteria activates antimicrobial peptide genes in <i>Drosophila melanogaster</i> and protects flies from septic infection. <i>Developmental and Comparative Immunology</i> , <b>2019</b> , 95, 10-18	3.2	5
155	Inflammasome activation and Th17 responses. <i>Molecular Immunology</i> , <b>2019</b> , 107, 142-164	4.3	40
154	CTLGA9 Interacts with ALP1 and APN Receptors To Modulate Cry11Aa Toxicity in. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 8896-8904	5.7	5
153	Cloning, expression and activity of ATP-binding protein in <i>Bacillus thuringiensis</i> toxicity modulation against <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , <b>2019</b> , 12, 319	4	3
152	The Interplay Between Pattern Recognition Receptors and Autophagy in Inflammation. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1209, 79-108	3.6	22

151	Wolbachia infection may improve learning and memory capacity of <i>Drosophila</i> by altering host gene expression through microRNA. <i>Insect Biochemistry and Molecular Biology</i> , <b>2019</b> , 106, 47-54	4.5	3
150	Fat Body Biology in the Last Decade. <i>Annual Review of Entomology</i> , <b>2019</b> , 64, 315-333	21.8	82
149	Comparison and Mechanism of the UV-Resistant Mosquitocidal Bt Mutant LLP29-M19. <i>Journal of Medical Entomology</i> , <b>2018</b> , 55, 210-216	2.2	4
148	Gene expression profiling provides insights into the immune mechanism of <i>Plutella xylostella</i> midgut to microbial infection. <i>Gene</i> , <b>2018</b> , 647, 21-30	3.8	16
147	The genomic and functional landscapes of developmental plasticity in the American cockroach. <i>Nature Communications</i> , <b>2018</b> , 9, 1008	17.4	58
146	Structure of an entangled heteropolysaccharide from <i>Pholidota chinensis</i> Lindl and its antioxidant and anti-cancer properties. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 112, 921-928	7.9	8
145	Genome-Wide Identification of Destruxin A-Responsive Immunity-Related MicroRNAs in Diamondback Moth,. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 185	8.4	14
144	An ML protein from the silkworm <i>Bombyx mori</i> may function as a key accessory protein for lipopolysaccharide signaling. <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 88, 94-103	3.2	7
143	Ocnus is essential for male germ cell development in <i>Drosophila melanogaster</i> . <i>Insect Molecular Biology</i> , <b>2018</b> , 27, 545-555	3.4	4
142	Transcriptomic Analysis of <i>Aedes aegypti</i> in Response to Mosquitocidal <i>Bacillus thuringiensis</i> LLP29 Toxin. <i>Scientific Reports</i> , <b>2018</b> , 8, 12650	4.9	4
141	Effects of Wolbachia infection on the postmating response in <i>Drosophila melanogaster</i> . <i>Behavioral Ecology and Sociobiology</i> , <b>2018</b> , 72, 1	2.5	3
140	20-Hydroxyecdysone promotes release of GBP-binding protein from oenocytoids to suppress hemocytic encapsulation. <i>Insect Biochemistry and Molecular Biology</i> , <b>2018</b> , 92, 53-64	4.5	7
139	Immune functions of insect GRPs and their potential application. <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 83, 80-88	3.2	16
138	Insect C-type lectins in innate immunity. <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 83, 70-79	3.2	50
137	<i>Aedes aegypti</i> Galectin Competes with Cry11Aa for Binding to ALP1 To Modulate Cry Toxicity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 13435-13443	5.7	7
136	Suppresses the Humoral Immune System to Overcome Defense Mechanism of. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1478	4.6	15
135	C-Type Lectin-20 Interacts with ALP1 Receptor to Reduce Cry Toxicity in. <i>Toxins</i> , <b>2018</b> , 10,	4.9	10
134	Regulation of antimicrobial peptide genes via insulin-like signaling pathway in the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2018</b> , 103, 12-21	4.5	15

133	Antimicrobial activities of a proline-rich proprotein from <i>Spodoptera litura</i> . <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 87, 137-146	3.2	16
132	Possible Insecticidal Mechanisms Mediated by Immune-Response-Related Cry-Binding Proteins in the Midgut Juice of <i>Plutella xylostella</i> and <i>Spodoptera exigua</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2048-2055	5.7	22
131	Characterization and expression profiling of serine protease inhibitors in the diamondback moth, <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). <i>BMC Genomics</i> , <b>2017</b> , 18, 162	4.5	13
130	Molecular cloning and analysis of a C-type lectin from silkworm <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>2017</b> , 95, e21391	2.3	11
129	Cloning and functional identification of moricins from the diamondback moth, <i>Plutella xylostella</i> (L.). <i>Insect Molecular Biology</i> , <b>2017</b> , 26, 564-573	3.4	3
128	Transcription Factor Forkhead Regulates Expression of Antimicrobial Peptides in the Tobacco Hornworm, <i>Manduca sexta</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 2688	4.9	7
127	Identification of immunity-related genes in <i>Plutella xylostella</i> in response to fungal peptide destruxin A: RNA-Seq and DGE analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 10966	4.9	12
126	Molecular cloning and characterization of a short peptidoglycan recognition protein from silkworm <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , <b>2017</b> , 26, 665-676	3.4	24
125	Cry11Aa Interacts with the ATP-Binding Protein from <i>Culex quinquefasciatus</i> To Improve the Toxicity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 10884-10890	5.7	10
124	Central role of myeloid MCP1 in protecting against LPS-induced inflammation and lung injury. <i>Signal Transduction and Targeted Therapy</i> , <b>2017</b> , 2, 17066	2.1	37
123	Genome-Wide Profiling of Immunity-Related miRNAs after Infection. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 1054	4.6	9
122	The Entomopathogenic Fungi Plays a Vital Role in Suppressing the Immune System of : RNA-Seq and DGE Analysis of Immunity-Related Genes. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1421	5.7	28
121	C-type lectin interacting with Integrin enhances hemocytic encapsulation in the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2017</b> , 86, 29-40	4.5	34
120	A single-CRD C-type lectin is important for bacterial clearance in the silkworm. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 65, 330-339	3.2	32
119	Knockdown of Dynamitin in testes significantly decreased male fertility in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , <b>2016</b> , 420, 79-89	3.1	14
118	Altered immune function of <i>Octodonta nipae</i> (Maulik) to its pupal endoparasitoid, <i>Tetrastichus brontispae</i> Ferrière. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 198, 100-9	2.3	20
117	Co-expression of Dorsal and Rel2 Negatively Regulates Antimicrobial Peptide Expression in the Tobacco Hornworm <i>Manduca sexta</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 20654	4.9	19
116	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

115	Characterization of a dual-CRD galectin in the silkworm <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 60, 149-59	3.2	12
114	Multifaceted biological insights from a draft genome sequence of the tobacco hornworm moth, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2016</b> , 76, 118-147	4.5	112
113	Identification of C-type lectin-domain proteins (CTLDPs) in silkworm <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 53, 328-38	3.2	37
112	Identification of mud crab reovirus VP12 and its interaction with the voltage-dependent anion-selective channel protein of mud crab <i>Scylla paramamosain</i> . <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 224-31	4.3	2
111	Genome-wide characterization and expression profiling of immune genes in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>Scientific Reports</i> , <b>2015</b> , 5, 9877	4.9	44
110	Identification and profiling of <i>Manduca sexta</i> microRNAs and their possible roles in regulating specific transcripts in fat body, hemocytes, and midgut. <i>Insect Biochemistry and Molecular Biology</i> , <b>2015</b> , 62, 11-22	4.5	17
109	Structural features, evolutionary relationships, and transcriptional regulation of C-type lectin-domain proteins in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2015</b> , 62, 75-85	4.5	47
108	Insect antimicrobial peptides and their applications. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 5807-22	5.7	311
107	Characterization of a novel <i>Manduca sexta</i> beta-1, 3-glucan recognition protein (βGRP3) with multiple functions. <i>Insect Biochemistry and Molecular Biology</i> , <b>2014</b> , 52, 13-22	4.5	15
106	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
105	Functions of <i>Armigeres subalbatus</i> C-type lectins in innate immunity. <i>Insect Biochemistry and Molecular Biology</i> , <b>2014</b> , 52, 102-14	4.5	15
104	Hemomucin, an O-glycosylated protein on embryos of the wasp <i>Macrocentrus cingulum</i> that protects it against encapsulation by hemocytes of the host <i>Ostrinia furnacalis</i> . <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 663-75	6.9	19
103	The regulation of autophagy by influenza A virus. <i>BioMed Research International</i> , <b>2014</b> , 2014, 498083	3	32
102	Presence of Tube isoforms in <i>Litopenaeus vannamei</i> suggests various regulatory patterns of signal transduction in invertebrate NF- $\kappa$ B pathway. <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 42, 174-85	3.2	58
101	Wolbachia-induced paternal defect in <i>Drosophila</i> is likely by interaction with the juvenile hormone pathway. <i>Insect Biochemistry and Molecular Biology</i> , <b>2014</b> , 49, 49-58	4.5	36
100	Effects of destruxins on free calcium and hydrogen ions in insect hemocytes. <i>Insect Science</i> , <b>2014</b> , 21, 31-8	3.6	19
99	Inhibition of host cell encapsulation through inhibiting immune gene expression by the parasitic wasp venom calreticulin. <i>Insect Biochemistry and Molecular Biology</i> , <b>2013</b> , 43, 936-46	4.5	39
98	<i>Litopenaeus vannamei</i> Toll-interacting protein (LvTollip) is a potential negative regulator of the shrimp Toll pathway involved in the regulation of the shrimp antimicrobial peptide gene penaeidin-4 (PEN4). <i>Developmental and Comparative Immunology</i> , <b>2013</b> , 40, 266-77	3.2	27

97	Gloverins of the silkworm <i>Bombyx mori</i> : structural and binding properties and activities. <i>Insect Biochemistry and Molecular Biology</i> , <b>2013</b> , 43, 612-25	4.5	23
96	The first Toll receptor from the triangle-shell pearl mussel <i>Hyriopsis cumingii</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 1287-93	4.3	23
95	Nucleic acid-induced antiviral immunity in shrimp. <i>Antiviral Research</i> , <b>2013</b> , 99, 270-80	10.8	36
94	The shrimp IKK-NF- $\kappa$ B signaling pathway regulates antimicrobial peptide expression and may be subverted by white spot syndrome virus to facilitate viral gene expression. <i>Cellular and Molecular Immunology</i> , <b>2013</b> , 10, 423-36	15.4	56
93	Litopenaeus vannamei sterile-alpha and armadillo motif containing protein (LvSARM) is involved in regulation of Penaeidins and antilipopolysaccharide factors. <i>PLoS ONE</i> , <b>2013</b> , 8, e52088	3.7	17
92	Analysis of expression, cellular localization, and function of three inhibitors of apoptosis (IAPs) from <i>Litopenaeus vannamei</i> during WSSV infection and in regulation of antimicrobial peptide genes (AMPs). <i>PLoS ONE</i> , <b>2013</b> , 8, e72592	3.7	26
91	Characterization of four novel caspases from <i>Litopenaeus vannamei</i> (Lvcaspase2-5) and their role in WSSV infection through dsRNA-mediated gene silencing. <i>PLoS ONE</i> , <b>2013</b> , 8, e80418	3.7	18
90	cDNA cloning and characterization of the antibacterial peptide cecropin 1 from the diamondback moth, <i>Plutella xylostella</i> L. <i>Protein Expression and Purification</i> , <b>2012</b> , 85, 230-8	2	16
89	Infectious spleen and kidney necrosis virus (a fish iridovirus) enters Mandarin fish fry cells via caveola-dependent endocytosis. <i>Journal of Virology</i> , <b>2012</b> , 86, 2621-31	6.6	49
88	Functional analysis of two lebecin-related proteins from <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2012</b> , 42, 231-9	4.5	26
87	A Toll-Spitzle pathway in the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2012</b> , 42, 514-24	4.5	37
86	<i>Drosophila melanogaster</i> NPC2 proteins bind bacterial cell wall components and may function in immune signal pathways. <i>Insect Biochemistry and Molecular Biology</i> , <b>2012</b> , 42, 545-56	4.5	50
85	Molecular cloning, characterization and expression analysis of the tumor necrosis factor (TNF) superfamily gene, TNF receptor superfamily gene and lipopolysaccharide-induced TNF- $\alpha$ factor (LITAF) gene from <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 39-50	3.2	69
84	Molecular cloning, characterization and expression analysis of two novel Tolls (LvToll2 and LvToll3) and three putative Spitzle-like Toll ligands (LvSpz1-3) from <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 359-71	3.2	173
83	Properties of <i>Drosophila melanogaster</i> prophenoloxidasases expressed in <i>Escherichia coli</i> . <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 648-56	3.2	36
82	<i>Drosophila melanogaster</i> prophenoloxidasases respond inconsistently to Cu <sup>2+</sup> and have different activity in vitro. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 619-28	3.2	18
81	<i>Ostrinia furnacalis</i> integrin $\beta$ may be involved in polymerization of actin to modulate spreading and encapsulation of plasmatocytes. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 37, 438-45	3.2	25
80	<i>Manduca sexta</i> gloverin binds microbial components and is active against bacteria and fungi. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 38, 275-84	3.2	40

79	The viral TRAF protein (ORF111L) from infectious spleen and kidney necrosis virus interacts with TRADD and induces caspase 8-mediated apoptosis. <i>PLoS ONE</i> , <b>2012</b> , 7, e37001	3.7	16
78	Analysis of <i>Litopenaeus vannamei</i> transcriptome using the next-generation DNA sequencing technique. <i>PLoS ONE</i> , <b>2012</b> , 7, e47442	3.7	104
77	The extended loop of the C-terminal carbohydrate-recognition domain of <i>Manduca sexta</i> immunectin-2 is important for ligand binding and functions. <i>Amino Acids</i> , <b>2012</b> , 42, 2383-91	3.5	14
76	A novel viral SOCS from infectious spleen and kidney necrosis virus: interacts with Jak1 and inhibits IFN- $\gamma$ -induced Stat1/3 activation. <i>PLoS ONE</i> , <b>2012</b> , 7, e41092	3.7	10
75	Toxicity and differential protein analysis following destruxin A treatment of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae) SL-1 cells. <i>Toxicon</i> , <b>2011</b> , 58, 327-35	2.8	12
74	<i>Litopenaeus vannamei</i> tumor necrosis factor receptor-associated factor 6 (TRAF6) responds to <i>Vibrio alginolyticus</i> and white spot syndrome virus (WSSV) infection and activates antimicrobial peptide genes. <i>Developmental and Comparative Immunology</i> , <b>2011</b> , 35, 105-14	3.2	86
73	Cloning and characterization of a shrimp ML superfamily protein. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 713-9	4.3	11
72	<i>Manduca sexta</i> moricin promoter elements can increase promoter activities of <i>Drosophila melanogaster</i> antimicrobial peptide genes. <i>Insect Biochemistry and Molecular Biology</i> , <b>2011</b> , 41, 982-92	4.5	13
71	Molecular cloning of IKK $\gamma$ from the mandarin fish <i>Siniperca chuatsi</i> and its up-regulation in cells by ISKNV infection. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 139, 61-6	2	10
70	Involvement of caveolin-1 in the Jak-Stat signaling pathway and infectious spleen and kidney necrosis virus infection in mandarin fish ( <i>Siniperca chuatsi</i> ). <i>Molecular Immunology</i> , <b>2011</b> , 48, 992-1000	4.3	13
69	Entry of tiger frog virus (an Iridovirus) into HepG2 cells via a pH-dependent, atypical, caveola-mediated endocytosis pathway. <i>Journal of Virology</i> , <b>2011</b> , 85, 6416-26	6.6	40
68	The viral ankyrin repeat protein (ORF124L) from infectious spleen and kidney necrosis virus attenuates nuclear factor- $\kappa$ B activation and interacts with I $\kappa$ B kinase $\gamma$ . <i>Journal of General Virology</i> , <b>2011</b> , 92, 1561-1570	4.9	18
67	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
66	The shrimp NF- $\kappa$ B pathway is activated by white spot syndrome virus (WSSV) 449 to facilitate the expression of WSSV069 (ie1), WSSV303 and WSSV371. <i>PLoS ONE</i> , <b>2011</b> , 6, e24773	3.7	66
65	VP23R of infectious spleen and kidney necrosis virus mediates formation of virus-mock basement membrane to provide attaching sites for lymphatic endothelial cells. <i>Journal of Virology</i> , <b>2010</b> , 84, 11866-75	6.6	16
64	Purification and characterization of an antimicrobial peptide, insect defensin, from immunized house fly (Diptera: Muscidae). <i>Journal of Medical Entomology</i> , <b>2010</b> , 47, 1141-5	2.2	30
63	Administration of recombinant IFN1 protects zebrafish ( <i>Danio rerio</i> ) from ISKNV infection. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 399-406	4.3	41
62	Identification and functional study of a shrimp Dorsal homologue. <i>Developmental and Comparative Immunology</i> , <b>2010</b> , 34, 107-13	3.2	102

61	The role of lysozyme in the prophenoloxidase activation system of <i>Manduca sexta</i> : an in vitro approach. <i>Developmental and Comparative Immunology</i> , <b>2010</b> , 34, 264-71	3.2	50
60	Lipoteichoic acid and lipopolysaccharide can activate antimicrobial peptide expression in the tobacco hornworm <i>Manduca sexta</i> . <i>Developmental and Comparative Immunology</i> , <b>2010</b> , 34, 1119-28	3.2	41
59	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
58	Identification of the VP92R gene from infectious spleen and kidney necrosis virus. <i>Virus Genes</i> , <b>2010</b> , 41, 210-7	2.3	3
57	Integrin $\beta$ subunit from <i>Ostrinia furnacalis</i> hemocytes: molecular characterization, expression, and effects on the spreading of plasmotocytes. <i>Journal of Insect Physiology</i> , <b>2010</b> , 56, 1846-56	2.4	25
56	Shrimp NF- $\kappa$ B binds to the immediate-early gene ie1 promoter of white spot syndrome virus and upregulates its activity. <i>Virology</i> , <b>2010</b> , 406, 176-80	3.6	71
55	<i>Tetraodon nigroviridis</i> as a nonlethal model of infectious spleen and kidney necrosis virus (ISKNV) infection. <i>Virology</i> , <b>2010</b> , 406, 167-75	3.6	27
54	Effective polyethyleneimine-mediated gene transfer into zebrafish cells. <i>Zebrafish</i> , <b>2009</b> , 6, 245-51	2	7
53	A novel C-type lectin from the shrimp <i>Litopenaeus vannamei</i> possesses anti-white spot syndrome virus activity. <i>Journal of Virology</i> , <b>2009</b> , 83, 347-56	6.6	159
52	Expression and characterization of antimicrobial peptide CecropinAD in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Process Biochemistry</i> , <b>2009</b> , 44, 11-16	4.8	16
51	Cloning, characterization and expression analysis of a CXCR1-like gene from mandarin fish <i>Siniperca chuatsi</i> . <i>Fish Physiology and Biochemistry</i> , <b>2009</b> , 35, 489-99	2.7	15
50	A novel prophenoloxidase 2 exists in shrimp hemocytes. <i>Developmental and Comparative Immunology</i> , <b>2009</b> , 33, 59-68	3.2	45
49	Cloning of IRAK1 and its upregulation in symptomatic mandarin fish infected with ISKNV. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 383, 298-302	3.4	23
48	The alpha inhibitor of NF-kappaB (IkappaBalpha) from the mandarin fish binds with p65 NF-kappaB. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 473-82	4.3	20
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43	Tiger frog virus can infect zebrafish cells for studying up- or down-regulated genes by proteomics approach. <i>Virus Research</i> , <b>2009</b> , 144, 171-9	6.4	27
42	High-level expression of active recombinant ubiquitin carboxyl-terminal hydrolase of <i>Drosophila melanogaster</i> in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , <b>2009</b> , 65, 115-21	2	3
41	Purification and characterization of a small cationic protein from the tobacco hornworm <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2009</b> , 39, 263-71	4.5	21
40	An immune deficiency homolog from the white shrimp, <i>Litopenaeus vannamei</i> , activates antimicrobial peptide genes. <i>Molecular Immunology</i> , <b>2009</b> , 46, 1897-904	4.3	94
39	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
38	A zebrafish ( <i>Danio rerio</i> ) model of infectious spleen and kidney necrosis virus (ISKNV) infection. <i>Virology</i> , <b>2008</b> , 376, 1-12	3.6	77
37	A Toll receptor from <i>Manduca sexta</i> is in response to <i>Escherichia coli</i> infection. <i>Molecular Immunology</i> , <b>2008</b> , 45, 543-52	4.3	31
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35	Nuclear translocation of immunlectin-3 stimulates hemocyte proliferation. <i>Molecular Immunology</i> , <b>2008</b> , 45, 2598-606	4.3	13
34	A novel ML protein from <i>Manduca sexta</i> may function as a key accessory protein for lipopolysaccharide signaling. <i>Molecular Immunology</i> , <b>2008</b> , 45, 2772-81	4.3	13
33	Molecular cloning of two C1q-like cDNAs in mandarin fish <i>Siniperca chuatsi</i> . <i>Veterinary Immunology and Immunopathology</i> , <b>2008</b> , 125, 37-46	2	18
32	Identification of two novel membrane proteins from the Tiger frog virus (TFV). <i>Virus Research</i> , <b>2008</b> , 136, 35-42	6.4	13
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23	Tumor necrosis factor-alpha gene from mandarin fish, <i>Siniperca chuatsi</i> : molecular cloning, cytotoxicity analysis and expression profile. <i>Molecular Immunology</i> , <b>2007</b> , 44, 3615-22	4-3	48
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6	Immulectin-2, a lipopolysaccharide-specific lectin from an insect, <i>Manduca sexta</i> , is induced in response to gram-negative bacteria. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 37373-81	5.4	214
5	Structure of a paralytic peptide from an insect, <i>Manduca sexta</i> . <i>Chemical Biology and Drug Design</i> , <b>1999</b> , 54, 256-61		25
4	Developmental expression of <i>Manduca sexta</i> hemolin. <i>Archives of Insect Biochemistry and Physiology</i> , <b>1999</b> , 42, 198-212	2.3	42
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2	Developmental expression of <i>Manduca sexta</i> hemolin <b>1999</b> , 42, 198		1
1	Multiple Toll-SpEzle Pathways in <i>Drosophila melanogaster</i> Immunity		1