

Xiao-Qiang Yu

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168
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80
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174
ext. papers

8,908
ext. citations

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L-index

#	Paper	IF	Citations
168	Innate immune responses of a lepidopteran insect, <i>Manduca sexta</i> . <i>Immunological Reviews</i> , 2004 , 198, 97-105	11.3	519
167	Insect antimicrobial peptides and their applications. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 5807-22	5.7	311
166	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> , 2000 , 275, 37373-81	5.4	214
165	Immulectin, an inducible C-type lectin from an insect, <i>Manduca sexta</i> , stimulates activation of plasma prophenol oxidase. <i>Insect Biochemistry and Molecular Biology</i> , 1999 , 29, 585-97	4.5	184
164	Nonproteolytic serine proteinase homologs are involved in prophenoloxidase activation in the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003 , 33, 197-208	4.5	181
163	Molecular cloning, characterization and expression analysis of two novel Tolls (LvToll2 and LvToll3) and three putative Spätzle-like Toll ligands (LvSpz1-3) from <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2012 , 36, 359-71	3.2	173
162	Pattern recognition proteins in <i>Manduca sexta</i> plasma. <i>Insect Biochemistry and Molecular Biology</i> , 2002 , 32, 1287-93	4.5	166
161	Prophenoloxidase-activating proteinase-3 (PAP-3) from <i>Manduca sexta</i> hemolymph: a clip-domain serine proteinase regulated by serpin-1J and serine proteinase homologs. <i>Insect Biochemistry and Molecular Biology</i> , 2003 , 33, 1049-60	4.5	163
160	A hepatopancreas-specific C-type lectin from the Chinese shrimp <i>Fenneropenaeus chinensis</i> exhibits antimicrobial activity. <i>Molecular Immunology</i> , 2008 , 45, 348-61	4.3	160
159	A novel C-type lectin from the shrimp <i>Litopenaeus vannamei</i> possesses anti-white spot syndrome virus activity. <i>Journal of Virology</i> , 2009 , 83, 347-56	6.6	159
158	Prophenoloxidase-activating proteinase-2 from hemolymph of <i>Manduca sexta</i> . A bacteria-inducible serine proteinase containing two clip domains. <i>Journal of Biological Chemistry</i> , 2003 , 278, 3552-61	5.4	158
157	Immulectin-2, a pattern recognition receptor that stimulates hemocyte encapsulation and melanization in the tobacco hornworm, <i>Manduca sexta</i> . <i>Developmental and Comparative Immunology</i> , 2004 , 28, 891-900	3.2	141
156	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> , 2009 , 46, 1626-37	4.3	129
155	Cellular encapsulation and melanization are enhanced by immulectins, pattern recognition receptors from the tobacco hornworm <i>Manduca sexta</i> . <i>Developmental and Comparative Immunology</i> , 2006 , 30, 289-99	3.2	129
154	A Toll receptor in shrimp. <i>Molecular Immunology</i> , 2007 , 44, 1999-2008	4.3	119
153	A novel C-type immulectin-3 from <i>Manduca sexta</i> is translocated from hemolymph into the cytoplasm of hemocytes. <i>Insect Biochemistry and Molecular Biology</i> , 2005 , 35, 285-95	4.5	116
152	Multifaceted biological insights from a draft genome sequence of the tobacco hornworm moth, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016 , 76, 118-147	4.5	112

151	Analysis of <i>Litopenaeus vannamei</i> transcriptome using the next-generation DNA sequencing technique. <i>PLoS ONE</i> , 2012 , 7, e47442	3.7	104
150	<i>Drosophila</i> C-type lectins enhance cellular encapsulation. <i>Molecular Immunology</i> , 2007 , 44, 2541-8	4.3	104
149	Identification and functional study of a shrimp Dorsal homologue. <i>Developmental and Comparative Immunology</i> , 2010 , 34, 107-13	3.2	102
148	<i>Manduca sexta</i> lipopolysaccharide-specific immunectin-2 protects larvae from bacterial infection. <i>Developmental and Comparative Immunology</i> , 2003 , 27, 189-96	3.2	95
147	An immune deficiency homolog from the white shrimp, <i>Litopenaeus vannamei</i> , activates antimicrobial peptide genes. <i>Molecular Immunology</i> , 2009 , 46, 1897-904	4.3	94
146	A C-type lectin is involved in the innate immune response of Chinese white shrimp. <i>Fish and Shellfish Immunology</i> , 2009 , 27, 556-62	4.3	92
145	Identification and functional study of a shrimp Relish homologue. <i>Fish and Shellfish Immunology</i> , 2009 , 27, 230-8	4.3	90
144	Immunectin-4 from the tobacco hornworm <i>Manduca sexta</i> binds to lipopolysaccharide and lipoteichoic acid. <i>Insect Molecular Biology</i> , 2006 , 15, 119-28	3.4	87
143	<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> , 2011 , 35, 105-14	3.2	86
142	Binding of hemolin to bacterial lipopolysaccharide and lipoteichoic acid. An immunoglobulin superfamily member from insects as a pattern-recognition receptor. <i>FEBS Journal</i> , 2002 , 269, 1827-34		85
141	Characterization of a prophenoloxidase from hemocytes of the shrimp <i>Litopenaeus vannamei</i> that is down-regulated by white spot syndrome virus. <i>Fish and Shellfish Immunology</i> , 2008 , 25, 28-39	4.3	84
140	Fat Body Biology in the Last Decade. <i>Annual Review of Entomology</i> , 2019 , 64, 315-333	21.8	82
139	A zebrafish (<i>Danio rerio</i>) model of infectious spleen and kidney necrosis virus (ISKNV) infection. <i>Virology</i> , 2008 , 376, 1-12	3.6	77
138	Prophenoloxidase binds to the surface of hemocytes and is involved in hemocyte melanization in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2005 , 35, 1356-66	4.5	74
137	Expression and purification of a recombinant antibacterial peptide, cecropin, from <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007 , 53, 293-301	2	73
136	Shrimp NF- κ B binds to the immediate-early gene <i>ie1</i> promoter of white spot syndrome virus and upregulates its activity. <i>Virology</i> , 2010 , 406, 176-80	3.6	71
135	Molecular cloning, characterization and expression analysis of the tumor necrosis factor (TNF) superfamily gene, TNF receptor superfamily gene and lipopolysaccharide-induced TNF- α factor (LITAF) gene from <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2012 , 36, 39-50	3.2	69
134	The shrimp NF- κ B pathway is activated by white spot syndrome virus (WSSV) 449 to facilitate the expression of WSSV069 (<i>ie1</i>), WSSV303 and WSSV371. <i>PLoS ONE</i> , 2011 , 6, e24773	3.7	66

133	Identification and molecular characterization of a Spätzle-like protein from Chinese shrimp (<i>Fenneropenaeus chinensis</i>). <i>Fish and Shellfish Immunology</i> , 2009 , 27, 610-7	4.3	59
132	The genomic and functional landscapes of developmental plasticity in the American cockroach. <i>Nature Communications</i> , 2018 , 9, 1008	17.4	58
131	Presence of Tube isoforms in <i>Litopenaeus vannamei</i> suggests various regulatory patterns of signal transduction in invertebrate NF- κ B pathway. <i>Developmental and Comparative Immunology</i> , 2014 , 42, 174-85	3.2	58
130	The shrimp IKK-NF- κ 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> , 2013 , 10, 423-36	15.4	56
129	<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> , 2012 , 42, 545-56	4.5	50
128	The role of lysozyme in the prophenoloxidase activation system of <i>Manduca sexta</i> : an in vitro approach. <i>Developmental and Comparative Immunology</i> , 2010 , 34, 264-71	3.2	50
127	The JAK and STAT family members of the mandarin fish <i>Siniperca chuatsi</i> : molecular cloning, tissues distribution and immunobiological activity. <i>Fish and Shellfish Immunology</i> , 2009 , 27, 349-59	4.3	50
126	Insect C-type lectins in innate immunity. <i>Developmental and Comparative Immunology</i> , 2018 , 83, 70-79	3.2	50
125	Infectious spleen and kidney necrosis virus (a fish iridovirus) enters Mandarin fish fry cells via caveola-dependent endocytosis. <i>Journal of Virology</i> , 2012 , 86, 2621-31	6.6	49
124	A new C-type lectin (FcLec5) from the Chinese white shrimp <i>Fenneropenaeus chinensis</i> . <i>Amino Acids</i> , 2010 , 39, 1227-39	3.5	49
123	Tumor necrosis factor-alpha gene from mandarin fish, <i>Siniperca chuatsi</i> : molecular cloning, cytotoxicity analysis and expression profile. <i>Molecular Immunology</i> , 2007 , 44, 3615-22	4.3	48
122	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> , 2015 , 62, 75-85	4.5	47
121	Hemolymph proteinases in immune responses of <i>Manduca sexta</i> . <i>Advances in Experimental Medicine and Biology</i> , 2001 , 484, 319-28	3.6	47
120	A novel prophenoloxidase 2 exists in shrimp hemocytes. <i>Developmental and Comparative Immunology</i> , 2009 , 33, 59-68	3.2	45
119	Genome-wide characterization and expression profiling of immune genes in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>Scientific Reports</i> , 2015 , 5, 9877	4.9	44
118	Pattern recognition receptors in <i>Drosophila</i> immune responses. <i>Developmental and Comparative Immunology</i> , 2020 , 102, 103468	3.2	44
117	Hemocytes from the tobacco hornworm <i>Manduca sexta</i> have distinct functions in phagocytosis of foreign particles and self dead cells. <i>Developmental and Comparative Immunology</i> , 2006 , 30, 301-9	3.2	42
116	Developmental expression of <i>Manduca sexta</i> hemolin. <i>Archives of Insect Biochemistry and Physiology</i> , 1999 , 42, 198-212	2.3	42

115	Arrestins Negatively Regulate the Toll Pathway in Shrimp by Preventing Dorsal Translocation and Inhibiting Dorsal Transcriptional Activity. <i>Journal of Biological Chemistry</i> , 2016 , 291, 7488-504	5.4	42
114	Administration of recombinant IFN1 protects zebrafish (<i>Danio rerio</i>) from ISKNV infection. <i>Fish and Shellfish Immunology</i> , 2010 , 29, 399-406	4.3	41
113	Lipoteichoic acid and lipopolysaccharide can activate antimicrobial peptide expression in the tobacco hornworm <i>Manduca sexta</i> . <i>Developmental and Comparative Immunology</i> , 2010 , 34, 1119-28	3.2	41
112	Inflammasome activation and Th17 responses. <i>Molecular Immunology</i> , 2019 , 107, 142-164	4.3	40
111	<i>Manduca sexta</i> gloverin binds microbial components and is active against bacteria and fungi. <i>Developmental and Comparative Immunology</i> , 2012 , 38, 275-84	3.2	40
110	Entry of tiger frog virus (an Iridovirus) into HepG2 cells via a pH-dependent, atypical, caveola-mediated endocytosis pathway. <i>Journal of Virology</i> , 2011 , 85, 6416-26	6.6	40
109	Inhibition of host cell encapsulation through inhibiting immune gene expression by the parasitic wasp venom calreticulin. <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 936-46	4.5	39
108	Identification of C-type lectin-domain proteins (CTLDPs) in silkworm <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2015 , 53, 328-38	3.2	37
107	Central role of myeloid MCP1 in protecting against LPS-induced inflammation and lung injury. <i>Signal Transduction and Targeted Therapy</i> , 2017 , 2, 17066	21	37
106	A Toll-SpEzle pathway in the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 514-24	4.5	37
105	High-level expression of the recombinant hybrid peptide cecropinA(1-8)-magainin2(1-12) with an ubiquitin fusion partner in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007 , 55, 175-82	2	37
104	Calcium is not required for immunlectin-2 binding, but protects the protein from proteinase digestion. <i>Insect Biochemistry and Molecular Biology</i> , 2006 , 36, 505-16	4.5	37
103	Wolbachia-induced paternal defect in <i>Drosophila</i> is likely by interaction with the juvenile hormone pathway. <i>Insect Biochemistry and Molecular Biology</i> , 2014 , 49, 49-58	4.5	36
102	Properties of <i>Drosophila melanogaster</i> prophenoloxidasases expressed in <i>Escherichia coli</i> . <i>Developmental and Comparative Immunology</i> , 2012 , 36, 648-56	3.2	36
101	Nucleic acid-induced antiviral immunity in shrimp. <i>Antiviral Research</i> , 2013 , 99, 270-80	10.8	36
100	C-type lectin interacting with Integrin enhances hemocytic encapsulation in the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017 , 86, 29-40	4.5	34
99	A single-CRD C-type lectin is important for bacterial clearance in the silkworm. <i>Developmental and Comparative Immunology</i> , 2016 , 65, 330-339	3.2	32
98	The regulation of autophagy by influenza A virus. <i>BioMed Research International</i> , 2014 , 2014, 498083	3	32

97	A Toll receptor from <i>Manduca sexta</i> is in response to <i>Escherichia coli</i> infection. <i>Molecular Immunology</i> , 2008 , 45, 543-52	4.3	31
96	Purification and characterization of an antimicrobial peptide, insect defensin, from immunized house fly (Diptera: Muscidae). <i>Journal of Medical Entomology</i> , 2010 , 47, 1141-5	2.2	30
95	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> , 2017 , 8, 1421	5.7	28
94	Enzyme E2 from Chinese white shrimp inhibits replication of white spot syndrome virus and ubiquitinates its RING domain proteins. <i>Journal of Virology</i> , 2011 , 85, 8069-79	6.6	28
93	Litopenaeus vannamei 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> , 2013 , 40, 266-77	3.2	27
92	Tiger frog virus can infect zebrafish cells for studying up- or down-regulated genes by proteomics approach. <i>Virus Research</i> , 2009 , 144, 171-9	6.4	27
91	Tetraodon nigroviridis as a nonlethal model of infectious spleen and kidney necrosis virus (ISKNV) infection. <i>Virology</i> , 2010 , 406, 167-75	3.6	27
90	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> , 2014 , 45, 198-208	3.2	26
89	Functional analysis of two lebecin-related proteins from <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 231-9	4.5	26
88	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> , 2013 , 8, e72592	3.7	26
87	Infectious spleen and kidney necrosis virus ORF48R functions as a new viral vascular endothelial growth factor. <i>Journal of Virology</i> , 2008 , 82, 4371-83	6.6	26
86	<i>Ostrinia furnacalis</i> integrin β may be involved in polymerization of actin to modulate spreading and encapsulation of plasmatocytes. <i>Developmental and Comparative Immunology</i> , 2012 , 37, 438-45	3.2	25
85	Integrin β subunit from <i>Ostrinia furnacalis</i> hemocytes: molecular characterization, expression, and effects on the spreading of plasmatocytes. <i>Journal of Insect Physiology</i> , 2010 , 56, 1846-56	2.4	25
84	Structure of a paralytic peptide from an insect, <i>Manduca sexta</i> . <i>Chemical Biology and Drug Design</i> , 1999 , 54, 256-61		25
83	Molecular cloning and characterization of a short peptidoglycan recognition protein from silkworm <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2017 , 26, 665-676	3.4	24
82	A family of C-type lectins in <i>Manduca sexta</i> . <i>Advances in Experimental Medicine and Biology</i> , 2001 , 484, 191-4	3.6	24
81	Toll family members bind multiple Spzle proteins and activate antimicrobial peptide gene expression in. <i>Journal of Biological Chemistry</i> , 2019 , 294, 10172-10181	5.4	23
80	Gloverins of the silkworm <i>Bombyx mori</i> : structural and binding properties and activities. <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 612-25	4.5	23

79	The first Toll receptor from the triangle-shell pearl mussel <i>Hyriopsis cumingii</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 34, 1287-93	4.3	23
78	Cloning of IRAK1 and its upregulation in symptomatic mandarin fish infected with ISKNV. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 383, 298-302	3.4	23
77	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> , 2017 , 65, 2048-2055	5.7	22
76	The Interplay Between Pattern Recognition Receptors and Autophagy in Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1209, 79-108	3.6	22
75	Purification and characterization of a small cationic protein from the tobacco hornworm <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009 , 39, 263-71	4.5	21
74	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> , 2016 , 198, 100-9	2.3	20
73	The alpha inhibitor of NF-kappaB (IkappaBalpha) from the mandarin fish binds with p65 NF-kappaB. <i>Fish and Shellfish Immunology</i> , 2009 , 26, 473-82	4.3	20
72	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> , 2014 , 6, 663-75	6.9	19
71	Effects of destruxins on free calcium and hydrogen ions in insect hemocytes. <i>Insect Science</i> , 2014 , 21, 31-8	3.6	19
70	Co-expression of Dorsal and Rel2 Negatively Regulates Antimicrobial Peptide Expression in the Tobacco Hornworm <i>Manduca sexta</i> . <i>Scientific Reports</i> , 2016 , 6, 20654	4.9	19
69	<i>Drosophila melanogaster</i> prophenoloxidasases respond inconsistently to Cu ²⁺ and have different activity in vitro. <i>Developmental and Comparative Immunology</i> , 2012 , 36, 619-28	3.2	18
68	Characterization of four novel caspases from <i>Litopenaeus vannamei</i> (Lv-caspase2-5) and their role in WSSV infection through dsRNA-mediated gene silencing. <i>PLoS ONE</i> , 2013 , 8, e80418	3.7	18
67	The viral ankyrin repeat protein (ORF124L) from infectious spleen and kidney necrosis virus attenuates nuclear factor- κ B activation and interacts with I κ B kinase. <i>Journal of General Virology</i> , 2011 , 92, 1561-1570	4.9	18
66	Molecular cloning of two C1q-like cDNAs in mandarin fish <i>Siniperca chuatsi</i> . <i>Veterinary Immunology and Immunopathology</i> , 2008 , 125, 37-46	2	18
65	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> , 2015 , 62, 11-22	4.5	17
64	<i>Litopenaeus vannamei</i> sterile-alpha and armadillo motif containing protein (LvSARM) is involved in regulation of Penaeidins and antilipoplysaccharide factors. <i>PLoS ONE</i> , 2013 , 8, e52088	3.7	17
63	Gene expression profiling provides insights into the immune mechanism of <i>Plutella xylostella</i> midgut to microbial infection. <i>Gene</i> , 2018 , 647, 21-30	3.8	16
62	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> , 2012 , 85, 230-8	2	16

61	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> , 2012 , 7, e37001	3.7	16
60	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> , 2010 , 84, 11866-75	6.6	16
59	Expression and characterization of antimicrobial peptide CecropinAD in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Process Biochemistry</i> , 2009 , 44, 11-16	4.8	16
58	Immune functions of insect α TRPs and their potential application. <i>Developmental and Comparative Immunology</i> , 2018 , 83, 80-88	3.2	16
57	Antimicrobial activities of a proline-rich proprotein from <i>Spodoptera litura</i> . <i>Developmental and Comparative Immunology</i> , 2018 , 87, 137-146	3.2	16
56	Characterization of a novel <i>Manduca sexta</i> beta-1, 3-glucan recognition protein (β GRP3) with multiple functions. <i>Insect Biochemistry and Molecular Biology</i> , 2014 , 52, 13-22	4.5	15
55	Functions of <i>Armigeres subalbatus</i> C-type lectins in innate immunity. <i>Insect Biochemistry and Molecular Biology</i> , 2014 , 52, 102-114	4.5	15
54	Cloning, characterization and expression analysis of a CXCR1-like gene from mandarin fish <i>Siniperca chuatsi</i> . <i>Fish Physiology and Biochemistry</i> , 2009 , 35, 489-99	2.7	15
53	Suppresses the Humoral Immune System to Overcome Defense Mechanism of. <i>Frontiers in Physiology</i> , 2018 , 9, 1478	4.6	15
52	Regulation of antimicrobial peptide genes via insulin-like signaling pathway in the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018 , 103, 12-21	4.5	15
51	Knockdown of Dynamitin in testes significantly decreased male fertility in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2016 , 420, 79-89	3.1	14
50	Genome-Wide Identification of Destruxin A-Responsive Immunity-Related MicroRNAs in Diamondback Moth,. <i>Frontiers in Immunology</i> , 2018 , 9, 185	8.4	14
49	The extended loop of the C-terminal carbohydrate-recognition domain of <i>Manduca sexta</i> immulectin-2 is important for ligand binding and functions. <i>Amino Acids</i> , 2012 , 42, 2383-91	3.5	14
48	Characterization and expression profiling of serine protease inhibitors in the diamondback moth, <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). <i>BMC Genomics</i> , 2017 , 18, 162	4.5	13
47	Immune responses to <i>Bacillus thuringiensis</i> in the midgut of the diamondback moth, <i>Plutella xylostella</i> . <i>Developmental and Comparative Immunology</i> , 2020 , 107, 103661	3.2	13
46	<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> , 2011 , 41, 982-92	4.5	13
45	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> , 2011 , 48, 992-1000	4.3	13
44	Nuclear translocation of immulectin-3 stimulates hemocyte proliferation. <i>Molecular Immunology</i> , 2008 , 45, 2598-606	4.3	13

43	A novel ML protein from <i>Manduca sexta</i> may function as a key accessory protein for lipopolysaccharide signaling. <i>Molecular Immunology</i> , 2008 , 45, 2772-81	4.3	13
42	Identification of two novel membrane proteins from the Tiger frog virus (TFV). <i>Virus Research</i> , 2008 , 136, 35-42	6.4	13
41	A Helix pomatia lectin binding protein on the extraembryonic membrane of the polyembryonic wasp <i>Macrocentrus cingulum</i> protects embryos from being encapsulated by hemocytes of host <i>Ostrinia furnacalis</i> . <i>Developmental and Comparative Immunology</i> , 2008 , 32, 356-64	3.2	13
40	Molecular cloning and expression analysis of the ASC gene from mandarin fish and its regulation of NF-kappaB activation. <i>Developmental and Comparative Immunology</i> , 2008 , 32, 391-9	3.2	13
39	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> , 2017 , 7, 10966	4.9	12
38	Toxicity and differential protein analysis following destruxin A treatment of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae) SL-1 cells. <i>Toxicon</i> , 2011 , 58, 327-35	2.8	12
37	Characterization of a dual-CRD galectin in the silkworm <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2016 , 60, 149-59	3.2	12
36	Wolbachia-induced expression of kenny gene in testes affects male fertility in <i>Drosophila melanogaster</i> . <i>Insect Science</i> , 2020 , 27, 869-882	3.6	12
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20	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> , 2019 , 95, 10-18	3.2	5
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3	Multiple Toll-SpEzle Pathways in <i>Drosophila melanogaster</i> Immunity		1
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