

Xiao-Qiang Yu

List of Publications by Year in descending order

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172
papers

9,851
citations

34016

52
h-index

43802

91
g-index

174
all docs

174
docs citations

174
times ranked

6022
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate immune responses of a lepidopteran insect, <i>Manduca sexta</i> . <i>Immunological Reviews</i> , 2004, 198, 97-105.	2.8	599
2	Insect antimicrobial peptides and their applications. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5807-5822.	1.7	454
3	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, 37373-37381.	1.6	259
4	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.	1.2	220
5	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, 585-597.	1.2	215
6	Molecular cloning, characterization and expression analysis of two novel Tolls (LvToll2 and LvToll3) and three putative SpÄtzle-like Toll ligands (LvSpz1â€³) from <i>Litopenaeus vannamei</i> . <i>Developmental and Comparative Immunology</i> , 2012, 36, 359-371.	1.0	206
7	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, 1049-1060.	1.2	201
8	Prophenoloxidase-activating Proteinase-2 from Hemolymph of <i>Manduca sexta</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 3552-3561.	1.6	194
9	Pattern recognition proteins in <i>Manduca sexta</i> plasma. <i>Insect Biochemistry and Molecular Biology</i> , 2002, 32, 1287-1293.	1.2	188
10	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, 347-356.	1.5	188
11	A hepatopancreas-specific C-type lectin from the Chinese shrimp <i>Fenneropenaeus chinensis</i> exhibits antimicrobial activity. <i>Molecular Immunology</i> , 2008, 45, 348-361.	1.0	186
12	Fat Body Biology in the Last Decade. <i>Annual Review of Entomology</i> , 2019, 64, 315-333.	5.7	184
13	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.	1.0	156
14	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.	1.2	154
15	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, 289-299.	1.0	151
16	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, 1626-1637.	1.0	147
17	A Toll receptor in shrimp. <i>Molecular Immunology</i> , 2007, 44, 1999-2008.	1.0	138
18	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, 285-295.	1.2	133

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19	Drosophila C-type lectins enhance cellular encapsulation. <i>Molecular Immunology</i> , 2007, 44, 2541-2548.	1.0	125
20	Identification and functional study of a shrimp Relish homologue. <i>Fish and Shellfish Immunology</i> , 2009, 27, 230-238.	1.6	118
21	Analysis of <i>Litopenaeus vannamei</i> Transcriptome Using the Next-Generation DNA Sequencing Technique. <i>PLoS ONE</i> , 2012, 7, e47442.	1.1	117
22	Identification and functional study of a shrimp Dorsal homologue. <i>Developmental and Comparative Immunology</i> , 2010, 34, 107-113.	1.0	116
23	The genomic and functional landscapes of developmental plasticity in the American cockroach. <i>Nature Communications</i> , 2018, 9, 1008.	5.8	113
24	Insect C-type lectins in innate immunity. <i>Developmental and Comparative Immunology</i> , 2018, 83, 70-79.	1.0	113
25	<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, 105-114.	1.0	111
26	An immune deficiency homolog from the white shrimp, <i>Litopenaeus vannamei</i> , activates antimicrobial peptide genes. <i>Molecular Immunology</i> , 2009, 46, 1897-1904.	1.0	108
27	<i>Manduca sexta</i> lipopolysaccharide-specific immunelectin-2 protects larvae from bacterial infection. <i>Developmental and Comparative Immunology</i> , 2003, 27, 189-196.	1.0	106
28	Binding of hemolin to bacterial lipopolysaccharide and lipoteichoic acid. <i>FEBS Journal</i> , 2002, 269, 1827-1834.	0.2	105
29	A C-type lectin is involved in the innate immune response of Chinese white shrimp. <i>Fish and Shellfish Immunology</i> , 2009, 27, 556-562.	1.6	104
30	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.	1.6	99
31	Immunelectin-4 from the tobacco hornworm <i>Manduca sexta</i> binds to lipopolysaccharide and lipoteichoic acid. <i>Insect Molecular Biology</i> , 2006, 15, 119-128.	1.0	98
32	Pattern recognition receptors in <i>Drosophila</i> immune responses. <i>Developmental and Comparative Immunology</i> , 2020, 102, 103468.	1.0	95
33	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, 174-185.	1.0	89
34	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, 1356-1366.	1.2	87
35	A zebrafish (<i>Danio rerio</i>) model of infectious spleen and kidney necrosis virus (ISKNV) infection. <i>Virology</i> , 2008, 376, 1-12.	1.1	87
36	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, 176-180.	1.1	87

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37	Expression and purification of a recombinant antibacterial peptide, cecropin, from <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007, 53, 293-301.	0.6	82
38	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.	1.0	79
39	The Shrimp NF- κ 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> , 2011, 6, e24773.	1.1	78
40	Identification and molecular characterization of a Spätzle-like protein from Chinese shrimp (<i>Fenneropenaeus chinensis</i>). <i>Fish and Shellfish Immunology</i> , 2009, 27, 610-617.	1.6	71
41	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.	1.6	69
42	Inflammasome activation and Th17 responses. <i>Molecular Immunology</i> , 2019, 107, 142-164.	1.0	69
43	The shrimp IKK α -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, 423-436.	4.8	68
44	<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, 545-556.	1.2	66
45	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.	1.2	65
46	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, 349-359.	1.6	61
47	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, 264-271.	1.0	61
48	<i>Wolbachia</i> -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.	1.2	61
49	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, 2621-2631.	1.5	60
50	A new C-type lectin (FcLec5) from the Chinese white shrimp <i>Fenneropenaeus chinensis</i> . <i>Amino Acids</i> , 2010, 39, 1227-1239.	1.2	59
51	C-type lectin interacting with β 2-integrin enhances hemocytic encapsulation in the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 86, 29-40.	1.2	59
52	A Toll-Spätzle pathway in the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 514-524.	1.2	58
53	Toll family members bind multiple Spätzle proteins and activate antimicrobial peptide gene expression in <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 10172-10181.	1.6	58
54	<i>Manduca sexta</i> gloverin binds microbial components and is active against bacteria and fungi. <i>Developmental and Comparative Immunology</i> , 2012, 38, 275-284.	1.0	55

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55	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, 3615-3622.	1.0	52
56	A novel prophenoloxidase 2 exists in shrimp hemocytes. <i>Developmental and Comparative Immunology</i> , 2009, 33, 59-68.	1.0	52
57	Identification of C-type lectin-domain proteins (CTLDPs) in silkworm <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2015, 53, 328-338.	1.0	52
58	Î²-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, 7488-7504.	1.6	52
59	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, 301-309.	1.0	50
60	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, 936-946.	1.2	50
61	The Entomopathogenic Fungi <i>Isaria fumosorosea</i> Plays a Vital Role in Suppressing the Immune System of <i>Plutella xylostella</i> : RNA-Seq and DGE Analysis of Immunity-Related Genes. <i>Frontiers in Microbiology</i> , 2017, 8, 1421.	1.5	50
62	Hemolymph Proteinases in Immune Responses of <i>Manduca sexta</i> . <i>Advances in Experimental Medicine and Biology</i> , 2001, 484, 319-328.	0.8	50
63	Administration of recombinant IFN1 protects zebrafish (<i>Danio rerio</i>) from ISKNV infection. <i>Fish and Shellfish Immunology</i> , 2010, 29, 399-406.	1.6	48
64	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, 1119-1128.	1.0	48
65	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, 6416-6426.	1.5	48
66	Central role of myeloid MCP1P1 in protecting against LPS-induced inflammation and lung injury. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17066.	7.1	48
67	Developmental expression of <i>Manduca sexta</i> hemolin. , 1999, 42, 198-212.		46
68	A single-CRD C-type lectin is important for bacterial clearance in the silkworm. <i>Developmental and Comparative Immunology</i> , 2016, 65, 330-339.	1.0	46
69	High-level expression of the recombinant hybrid peptide cecropinA(1-8)â€“magainin2(1-12) with an ubiquitin fusion partner in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007, 55, 175-182.	0.6	45
70	Calcium is not required for Immulectin-2 binding, but protects the protein from proteinase digestion. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 505-516.	1.2	44
71	Properties of <i>Drosophila melanogaster</i> prophenoloxidases expressed in <i>Escherichia coli</i> . <i>Developmental and Comparative Immunology</i> , 2012, 36, 648-656.	1.0	44
72	A Toll receptor from <i>Manduca sexta</i> is in response to <i>Escherichia coli</i> infection. <i>Molecular Immunology</i> , 2008, 45, 543-552.	1.0	41

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73	The Interplay Between Pattern Recognition Receptors and Autophagy in Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1209, 79-108.	0.8	39
74	<i>Ostrinia furnacalis</i> integrin β 1 may be involved in polymerization of actin to modulate spreading and encapsulation of plasmotocytes. <i>Developmental and Comparative Immunology</i> , 2012, 37, 438-445.	1.0	38
75	Nucleic acid-induced antiviral immunity in shrimp. <i>Antiviral Research</i> , 2013, 99, 270-280.	1.9	38
76	The Regulation of Autophagy by Influenza A Virus. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	37
77	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.	1.0	37
78	Purification and Characterization of an Antimicrobial Peptide, Insect Defensin, From Immunized House Fly (Diptera: Muscidae). <i>Journal of Medical Entomology</i> , 2010, 47, 1141-1145.	0.9	36
79	<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> , 2013, 40, 266-277.	1.0	35
80	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.	1.0	35
81	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.	1.2	35
82	Gloverins of the silkworm <i>Bombyx mori</i> : Structural and binding properties and activities. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 612-625.	1.2	34
83	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, 8069-8079.	1.5	32
84	Functional analysis of two leucocin-related proteins from <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 231-239.	1.2	32
85	<i>Tetraodon nigroviridis</i> as a nonlethal model of infectious spleen and kidney necrosis virus (ISKNV) infection. <i>Virology</i> , 2010, 406, 167-175.	1.1	31
86	Effects of destruxins on free calcium and hydrogen ions in insect hemocytes. <i>Insect Science</i> , 2014, 21, 31-38.	1.5	31
87	Immune functions of insect β GRPs and their potential application. <i>Developmental and Comparative Immunology</i> , 2018, 83, 80-88.	1.0	31
88	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.	1.6	30
89	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.	1.0	30
90	Infectious Spleen and Kidney Necrosis Virus ORF48R Functions as a New Viral Vascular Endothelial Growth Factor. <i>Journal of Virology</i> , 2008, 82, 4371-4383.	1.5	29

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91	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, 100-109.	0.7	29
92	Tiger frog virus can infect zebrafish cells for studying up- or down-regulated genes by proteomics approach. <i>Virus Research</i> , 2009, 144, 171-179.	1.1	28
93	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.	1.1	28
94	A Family of C-Type Lectins in <i>Manduca sexta</i> . <i>Advances in Experimental Medicine and Biology</i> , 2001, 484, 191-194.	0.8	28
95	Integrin β 21 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, 1846-1856.	0.9	27
96	Structure of a paralytic peptide from an insect, <i>Manduca sexta</i> . <i>Chemical Biology and Drug Design</i> , 2010, 54, 256-261.	1.2	27
97	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.	1.2	27
98	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, 263-271.	1.2	26
99	The first Toll receptor from the triangle-shell pearl mussel <i>Hyriopsis cumingii</i> . <i>Fish and Shellfish Immunology</i> , 2013, 34, 1287-1293.	1.6	26
100	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.	1.2	26
101	Cloning of IRAK1 and its upregulation in symptomatic mandarin fish infected with ISKNV. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 298-302.	1.0	25
102	Toxicity and differential protein analysis following destruxin A treatment of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae) SL-1 cells. <i>Toxicon</i> , 2011, 58, 327-335.	0.8	25
103	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.	2.4	25
104	Genome-Wide Identification of Destruxin A-Responsive Immunity-Related MicroRNAs in Diamondback Moth, <i>Plutella xylostella</i> . <i>Frontiers in Immunology</i> , 2018, 9, 185.	2.2	24
105	The alpha inhibitor of NF- κ B ($\text{I}\kappa\text{B}\alpha$) from the mandarin fish binds with p65 NF- κ B. <i>Fish and Shellfish Immunology</i> , 2009, 26, 473-482.	1.6	23
106	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, 11866-11875.	1.5	23
107	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.	1.2	23
108	Expression and characterization of antimicrobial peptide CecropinAD in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Process Biochemistry</i> , 2009, 44, 11-16.	1.8	22

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109	Functions of Armigeres subalbatus C-type lectins in innate immunity. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 52, 102-114.	1.2	22
110	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, 663-675.	1.8	22
111	Knockdown of Dynamitin in testes significantly decreased male fertility in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2016, 420, 79-89.	0.9	22
112	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.	1.0	22
113	Molecular cloning of two C1q-like cDNAs in mandarin fish <i>Siniperca chuatsi</i> . <i>Veterinary Immunology and Immunopathology</i> , 2008, 125, 37-46.	0.5	21
114	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 β . <i>Journal of General Virology</i> , 2011, 92, 1561-1570.	1.3	21
115	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.	1.1	21
116	<i>Litopenaeus vannamei</i> Sterile-Alpha and Armadillo Motif Containing Protein (LvSARM) Is Involved in Regulation of Penaeidins and antilipopolysaccharide factors. <i>PLoS ONE</i> , 2013, 8, e52088.	1.1	21
117	Characterization of Four Novel Caspases from <i>Litopenaeus vannamei</i> (Lv caspase 2-5) and Their Role in WSSV Infection through dsRNA-Mediated Gene Silencing. <i>PLoS ONE</i> , 2013, 8, e80418.	1.1	21
118	Genome-Wide Profiling of <i>Plutella xylostella</i> Immunity-Related miRNAs after <i>Isaria fumosorosea</i> Infection. <i>Frontiers in Physiology</i> , 2017, 8, 1054.	1.3	21
119	<i>Bacillus thuringiensis</i> Suppresses the Humoral Immune System to Overcome Defense Mechanism of <i>Plutella xylostella</i> . <i>Frontiers in Physiology</i> , 2018, 9, 1478.	1.3	21
120	Antimicrobial activities of a proline-rich proprotein from <i>Spodoptera litura</i> . <i>Developmental and Comparative Immunology</i> , 2018, 87, 137-146.	1.0	21
121	Comparative genomic analysis of C-type lectin-domain genes in seven holometabolous insect species. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 126, 103451.	1.2	21
122	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.	1.6	20
123	Molecular cloning and expression analysis of the ASC gene from mandarin fish and its regulation of NF- κ B activation. <i>Developmental and Comparative Immunology</i> , 2008, 32, 391-399.	1.0	19
124	<i>Drosophila melanogaster</i> prophenoloxidasases respond inconsistently to Cu ²⁺ and have different activity in vitro. <i>Developmental and Comparative Immunology</i> , 2012, 36, 619-628.	1.0	19
125	An in vitro study of NF- κ B factors cooperatively in regulation of <i>Drosophila melanogaster</i> antimicrobial peptide genes. <i>Developmental and Comparative Immunology</i> , 2019, 95, 50-58.	1.0	19
126	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.	1.0	18

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127	C-Type Lectin-20 Interacts with ALP1 Receptor to Reduce Cry Toxicity in <i>Aedes aegypti</i> . <i>Toxins</i> , 2018, 10, 390.	1.5	18
128	Gut Microbiota Dysbiosis Influences Metabolic Homeostasis in <i>Spodoptera frugiperda</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 727434.	1.5	18
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