

Haobo Jiang

List of Publications by Year in descending order

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124
papers

10,745
citations

31902

53
h-index

32761

100
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126
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126
docs citations

126
times ranked

6784
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome of <i>Rhyzopertha dominica</i> (Fab.) (Coleoptera: Bostrichidae): Adaptation for Success. <i>Genes</i> , 2022, 13, 446.	1.0	10
2	Cleavage activation and functional comparison of <i>Manduca sexta</i> serine protease homologs SPH1a, SPH1b, SPH4, and SPH101 in conjunction with SPH2. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 144, 103762.	1.2	10
3	The <i>Micrococcus luteus</i> infection activates a novel melanization pathway of cSP10, cSP4, and cSP8 in <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2022, 147, 103775.	1.2	7
4	Distinct Responses of <i>Thitarodes xiaojinensis</i> β -1,3-Glucan Recognition Protein-1 and Immulectin-8 to <i>Ophiocordyceps sinensis</i> and <i>Cordyceps militaris</i> Infection. <i>Journal of Immunology</i> , 2021, 207, 200-209.	0.4	5
5	Characterization and functional analysis of a <i>Relish</i> gene from the Asian corn borer, <i>Ostrinia furnacalis</i> (Guenée). <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 108, e21841.	0.6	3
6	Inhibition of immune pathway-initiating hemolymph protease-14 by <i>Manduca sexta</i> serpin-12, a conserved mechanism for the regulation of melanization and Toll activation in insects. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 116, 103261.	1.2	22
7	Digestion-related proteins in the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 126, 103457.	1.2	16
8	Changes in composition and levels of hemolymph proteins during metamorphosis of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 127, 103489.	1.2	11
9	Hemolymph protease-5 links the melanization and Toll immune pathways in the tobacco hornworm, <i>Manduca sexta</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23581-23587.	3.3	36
10	Engineering Dynamic Surface Peptide Networks on Butyrylcholinesterase ^{G117H} for Enhanced Organophosphorus Anticholinesterase Catalysis. <i>Chemical Research in Toxicology</i> , 2019, 32, 1801-1810.	1.7	3
11	The three-dimensional structure and recognition mechanism of <i>Manduca sexta</i> peptidoglycan recognition protein-1. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 108, 44-52.	1.2	8
12	Integrated Modeling of Structural Genes Using M _{Cu} Novo. <i>Methods in Molecular Biology</i> , 2019, 1858, 45-57.	0.4	2
13	Manipulation of the silkworm immune system by a metalloprotease from the pathogenic bacterium <i>Pseudomonas aeruginosa</i> . <i>Developmental and Comparative Immunology</i> , 2019, 90, 176-185.	1.0	10
14	Expression and Characterization of <i>Manduca sexta</i> Stress Responsive Peptide-1; An Inducer of Antimicrobial Peptide Synthesis. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 4, 42.	0.2	1
15	The <i>Manduca sexta</i> serpinome: Analysis of serpin genes and proteins in the tobacco hornworm. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 102, 21-30.	1.2	24
16	Building a platform for predicting functions of serine protease-related proteins in <i>Drosophila melanogaster</i> and other insects. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 103, 53-69.	1.2	51
17	<i>Manduca sexta</i> serpin-12 controls the prophenoloxidase activation system in larval hemolymph. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 99, 27-36.	1.2	16
18	Clip domain prophenoloxidase activating protease is required for <i>Ostrinia furnacalis</i> Guenée to defend against bacterial infection. <i>Developmental and Comparative Immunology</i> , 2018, 87, 204-215.	1.0	17

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19	Manduca sexta hemolymph protease-2 (HP2) activated by HP14 generates prophenoloxidase-activating protease-2 (PAP2) in wandering larvae and pupae. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 101, 57-65.	1.2	18
20	Identification and characterization of serpin genes in <i>Manduca sexta</i> . <i>FASEB Journal</i> , 2018, 32, .	0.2	0
21	Hemolymph proteins of <i>Anopheles gambiae</i> larvae infected by <i>Escherichia coli</i> . <i>Developmental and Comparative Immunology</i> , 2017, 74, 110-124.	1.0	11
22	Manduca sexta hemolymph protease-1, activated by an unconventional non-proteolytic mechanism, mediates immune responses. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 84, 23-31.	1.2	23
23	Prophenoloxidase activation and antimicrobial peptide expression induced by the recombinant microbe binding protein of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 83, 35-43.	1.2	25
24	Serpin-9 and -13 regulate hemolymph proteases during immune responses of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 90, 71-81.	1.2	17
25	Serine protease-related proteins in the malaria mosquito, <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 88, 48-62.	1.2	54
26	Improving the baculovirus expression vector system with vankyrin-enhanced technology. <i>Biotechnology Progress</i> , 2017, 33, 1496-1507.	1.3	26
27	Improved annotation of the insect vector of citrus greening disease: biocuration by a diverse genomics community. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	1.4	62
28	An analysis of 67 RNA-seq datasets from various tissues at different stages of a model insect, <i>Manduca sexta</i> . <i>BMC Genomics</i> , 2017, 18, 796.	1.2	34
29	Changes in the Plasma Proteome of <i>Manduca sexta</i> Larvae in Relation to the Transcriptome Variations after an Immune Challenge: Evidence for High Molecular Weight Immune Complex Formation. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1176-1187.	2.5	31
30	The structure of a prophenoloxidase (PPO) from <i>Anopheles gambiae</i> provides new insights into the mechanism of PPO activation. <i>BMC Biology</i> , 2016, 14, 2.	1.7	31
31	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
32	In search of a function of <i>Manduca sexta</i> hemolymph protease-1 in the innate immune system. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 76, 1-10.	1.2	27
33	Solution Structure and Expression Profile of an Insect Cytokine: <i>Manduca sexta</i> Stress Response Peptide-2. <i>Protein and Peptide Letters</i> , 2016, 24, 3-11.	0.4	10
34	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
35	Annotation and expression analysis of cuticular proteins from the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 100-113.	1.2	60
36	A genome-wide analysis of antimicrobial effector genes and their transcription patterns in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 23-37.	1.2	43

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37	Overview of chitin metabolism enzymes in <i>Manduca sexta</i> : Identification, domain organization, phylogenetic analysis and gene expression. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 114-126.	1.2	95
38	Phylogenetic analysis and expression profiling of the pattern recognition receptors: Insights into molecular recognition of invading pathogens in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 38-50.	1.2	44
39	The immune signaling pathways of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 64-74.	1.2	79
40	High throughput profiling of the cotton bollworm <i>Helicoverpa armigera</i> immunotranscriptome during the fungal and bacterial infections. <i>BMC Genomics</i> , 2015, 16, 321.	1.2	100
41	Clip-domain serine proteases as immune factors in insect hemolymph. <i>Current Opinion in Insect Science</i> , 2015, 11, 47-55.	2.2	194
42	Integrated modeling of protein-coding genes in the <i>Manduca sexta</i> genome using RNA-Seq data from the biochemical model insect. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 2-10.	1.2	20
43	Sequence conservation, phylogenetic relationships, and expression profiles of nondigestive serine proteases and serine protease homologs in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 51-63.	1.2	82
44	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
45	Modulation of <i>Anopheles stephensi</i> Gene Expression by Nitroquine, an Antimalarial Drug against <i>Plasmodium yoelii</i> Infection in the Mosquito. <i>PLoS ONE</i> , 2014, 9, e89473.	1.1	7
46	Identification of conserved and novel microRNAs in <i>Manduca sexta</i> and their possible roles in the expression regulation of immunity-related genes. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 47, 12-22.	1.2	50
47	A short-type peptidoglycan recognition protein from the silkworm: Expression, characterization and involvement in the prophenoloxidase activation pathway. <i>Developmental and Comparative Immunology</i> , 2014, 45, 1-9.	1.0	75
48	Semi-quantitative analysis of changes in the plasma peptidome of <i>Manduca sexta</i> larvae and their correlation with the transcriptome variations upon immune challenge. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 47, 46-54.	1.2	30
49	<i>Manduca sexta</i> prophenoloxidase activating proteinase-3 (PAP3) stimulates melanization by activating proPAP3, proSPHs, and proPOs. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 50, 82-91.	1.2	47
50	Biochemical properties, expression profiles, and tissue localization of orthologous acetylcholinesterase-2 in the mosquito, <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 260-271.	1.2	13
51	A comprehensive analysis of the <i>Manduca sexta</i> immunotranscriptome. <i>Developmental and Comparative Immunology</i> , 2013, 39, 388-398.	1.0	52
52	Novel Selective and Irreversible Mosquito Acetylcholinesterase Inhibitors for Controlling Malaria and Other Mosquito-Borne Diseases. <i>Scientific Reports</i> , 2013, 3, 1068.	1.6	29
53	Cholinergic and non-cholinergic functions of two acetylcholinesterase genes revealed by gene-silencing in <i>Tribolium castaneum</i> . <i>Scientific Reports</i> , 2012, 2, 288.	1.6	113
54	Identification and developmental profiling of conserved and novel microRNAs in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 381-395.	1.2	58

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55	Recognition of microbial molecular patterns and stimulation of prophenoloxidase activation by a β -1,3-glucanase-related protein in <i>Manduca sexta</i> larval plasma. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 322-331.	1.2	54
56	Antiviral, anti-parasitic, and cytotoxic effects of 5,6-dihydroxyindole (DHI), a reactive compound generated by phenoloxidase during insect immune response. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 645-652.	1.2	101
57	Pyrosequencing-based expression profiling and identification of differentially regulated genes from <i>Manduca sexta</i> , a lepidopteran model insect. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 733-746.	1.2	40
58	Deep sequencing of small RNA libraries reveals dynamic regulation of conserved and novel microRNAs and microRNA-stars during silkworm development. <i>BMC Genomics</i> , 2010, 11, 52.	1.2	178
59	Heterologous expression, purification, and biochemical characterization of a greenbug (<i>Schizaphis</i>) Tj ETQq1 1. <i>Biochemical and Molecular Toxicology</i> , 2010, 24, 51-59.	0.784314 1.4	12
60	Proteolytic activation and function of the cytokine SpÄtzle in the innate immune response of a lepidopteran insect, <i>Manduca sexta</i> . <i>FEBS Journal</i> , 2010, 277, 148-162.	2.2	105
61	Immunity in Lepidopteran Insects. <i>Advances in Experimental Medicine and Biology</i> , 2010, 708, 181-204.	0.8	229
62	Involvement of <i>Manduca sexta</i> peptidoglycan recognition protein-1 in the recognition of bacteria and activation of prophenoloxidase system. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 487-495.	1.2	57
63	Binding properties of the regulatory domains in <i>Manduca sexta</i> hemolymph proteinase-14, an initiation enzyme of the prophenoloxidase activation system. <i>Developmental and Comparative Immunology</i> , 2010, 34, 316-322.	1.0	29
64	Functional analysis of four processing products from multiple precursors encoded by a leucocin-related gene from <i>Manduca sexta</i> . <i>Developmental and Comparative Immunology</i> , 2010, 34, 638-647.	1.0	29
65	Crystal structure of <i>Manduca sexta</i> prophenoloxidase provides insights into the mechanism of type 3 copper enzymes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17002-17006.	3.3	159
66	Functions of <i>Manduca sexta</i> Hemolymph Proteinases HP6 and HP8 in Two Innate Immune Pathways. <i>Journal of Biological Chemistry</i> , 2009, 284, 19716-19726.	1.6	149
67	A comparative analysis of serpin genes in the silkworm genome. <i>Genomics</i> , 2009, 93, 367-375.	1.3	100
68	Recombinant expression and biochemical characterization of the catalytic domain of acetylcholinesterase-1 from the African malaria mosquito, <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 646-653.	1.2	24
69	Solution structure, antibacterial activity, and expression profile of <i>Manduca sexta</i> moricin. <i>Journal of Peptide Science</i> , 2008, 14, 855-863.	0.8	33
70	The biochemical basis of antimicrobial responses in <i>Manduca sexta</i> . <i>Insect Science</i> , 2008, 15, 53-66.	1.5	42
71	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	13.7	1,255
72	Expression of <i>Manduca sexta</i> serine proteinase homolog precursors in insect cells and their proteolytic activation. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 89-98.	1.2	46

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73	Pyrosequence analysis of expressed sequence tags for <i>Manduca sexta</i> hemolymph proteins involved in immune responses. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 677-682.	1.2	64
74	A positive feedback mechanism in the <i>Manduca sexta</i> prophenoloxidase activation system. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 763-769.	1.2	25
75	The Viral Protein Egf1.0 Is a Dual Activity Inhibitor of Prophenoloxidase-activating Proteinases 1 and 3 from <i>Manduca sexta</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 21325-21333.	1.6	71
76	Molecular Cloning and Characterizations of <i>Manduca sexta</i> SpÄtzle, a possible ligand of Toll. <i>FASEB Journal</i> , 2008, 22, 820.4.	0.2	0
77	<i>Manduca sexta</i> Hemolymph Proteinase 21 Activates Prophenoloxidase-activating Proteinase 3 in an Insect Innate Immune Response Proteinase Cascade. <i>Journal of Biological Chemistry</i> , 2007, 282, 11742-11749.	1.6	104
78	Proteolytic activation of pro-spÄtzle is required for the induced transcription of antimicrobial peptide genes in lepidopteran insects. <i>Developmental and Comparative Immunology</i> , 2007, 31, 1002-1012.	1.0	57
79	Regulation of phenoloxidase activity by high- and low-molecular-weight inhibitors from the larval hemolymph of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 478-485.	1.2	33
80	Broad-spectrum antimicrobial activity of the reactive compounds generated in vitro by <i>Manduca sexta</i> phenoloxidase. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 952-959.	1.2	160
81	Reconstitution of a branch of the <i>Manduca sexta</i> prophenoloxidase activation cascade in vitro: Snake-like hemolymph proteinase 21 (HP21) cleaved by HP14 activates prophenoloxidase-activating proteinase-2 precursor. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1015-1025.	1.2	80
82	Comparative genomic analysis of the <i>Tribolium</i> immune system. <i>Genome Biology</i> , 2007, 8, R177.	13.9	271
83	The Solution Structure of Clip Domains from <i>Manduca sexta</i> Prophenoloxidase Activating Proteinase-2. <i>Biochemistry</i> , 2007, 46, 11431-11439.	1.2	32
84	Evolutionary Dynamics of Immune-Related Genes and Pathways in Disease-Vector Mosquitoes. <i>Science</i> , 2007, 316, 1738-1743.	6.0	550
85	<i>Manduca sexta</i> hemolymph protease HP6 functions in innate immune responses. <i>FASEB Journal</i> , 2007, 21, A649.	0.2	0
86	Immune challenge induces N-terminal cleavage of the <i>Drosophila</i> serpin Necrotic. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 37-46.	1.2	23
87	An expansion of the dual clip-domain serine proteinase family in <i>Manduca sexta</i> : Gene organization, expression, and evolution of prophenoloxidase-activating proteinase-2, hemolymph proteinase 12, and other related proteinases. <i>Genomics</i> , 2006, 87, 399-409.	1.3	17
88	Comparative analysis of serine protease-related genes in the honey bee genome: possible involvement in embryonic development and innate immunity. <i>Insect Molecular Biology</i> , 2006, 15, 603-614.	1.0	170
89	Interaction of Î²-1,3-Glucan with Its Recognition Protein Activates Hemolymph Proteinase 14, an Initiation Enzyme of the Prophenoloxidase Activation System in <i>Manduca sexta</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 9271-9278.	1.6	98
90	Identification of Plasma Proteases Inhibited by <i>Manduca sexta</i> Serpin-4 and Serpin-5 and Their Association with Components of the Prophenol Oxidase Activation Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 14932-14942.	1.6	115

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91	Manduca sexta Serpin-6 Regulates Immune Serine Proteinases PAP-3 and HP8. <i>Journal of Biological Chemistry</i> , 2005, 280, 14341-14348.	1.6	95
92	Manduca sexta prophenoloxidase (proPO) activation requires proPO-activating proteinase (PAP) and serine proteinase homologs (SPHs) simultaneously. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 241-248.	1.2	102
93	Manduca sexta prophenoloxidase activating proteinase-1 (PAP-1) gene: Organization, expression, and regulation by immune and hormonal signals. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 627-636.	1.2	40
94	Molecular identification of a bevy of serine proteinases in Manduca sexta hemolymph. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 931-943.	1.2	72
95	DaTrypsin, a novel clip-domain serine proteinase gene up-regulated during winter and summer diapause of the onion maggot, <i>Delia antiqua</i> . <i>Gene</i> , 2005, 347, 115-123.	1.0	39
96	Purification and characterization of Manduca sexta prophenoloxidase-activating proteinase-1, an enzyme involved in insect immune responses. <i>Protein Expression and Purification</i> , 2005, 39, 261-268.	0.6	25
97	A Pattern Recognition Serine Proteinase Triggers the Prophenoloxidase Activation Cascade in the Tobacco Hornworm, Manduca sexta. <i>Journal of Biological Chemistry</i> , 2004, 279, 34101-34106.	1.6	68
98	Innate immune responses of a lepidopteran insect, Manduca sexta. <i>Immunological Reviews</i> , 2004, 198, 97-105.	2.8	599
99	Characterization of cDNAs encoding putative laccase-like multicopper oxidases and developmental expression in the tobacco hornworm, Manduca sexta, and the malaria mosquito, Anopheles gambiae. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 29-41.	1.2	162
100	Î²-1,3-Glucan recognition protein-2 (Î²GRP-2) from Manduca sexta: an acute-phase protein that binds Î²-1,3-glucan and lipoteichoic acid to aggregate fungi and bacteria and stimulate prophenoloxidase activation. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 89-100.	1.2	120
101	Purification and characterization of Manduca sexta serpin-6: a serine proteinase inhibitor that selectively inhibits prophenoloxidase-activating proteinase-3. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 387-395.	1.2	66
102	Negative regulation of prophenoloxidase (proPO) activation by a clip-domain serine proteinase homolog (SPH) from endoparasitoid venom. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 477-483.	1.2	85
103	Prophenoloxidase (proPO) activation in Manduca sexta: an analysis of molecular interactions among proPO, proPO-activating proteinase-3, and a cofactor. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 731-742.	1.2	71
104	Serine proteases and their homologs in the Drosophila melanogaster genome: an initial analysis of sequence conservation and phylogenetic relationships. <i>Gene</i> , 2003, 304, 117-131.	1.0	297
105	Expression and in vitro activation of Manduca sexta prophenoloxidase-activating proteinase-2 precursor (proPAP-2) from baculovirus-infected insect cells. <i>Protein Expression and Purification</i> , 2003, 29, 235-243.	0.6	30
106	Nonproteolytic serine proteinase homologs are involved in prophenoloxidase activation in the tobacco hornworm, Manduca sexta. <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 197-208.	1.2	220
107	Prophenoloxidase-activating proteinase-3 (PAP-3) from Manduca sexta 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
108	Prophenoloxidase-activating Proteinase-2 from Hemolymph of Manduca sexta. <i>Journal of Biological Chemistry</i> , 2003, 278, 3552-3561.	1.6	194

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109	Manduca sexta Serpin-3 Regulates Prophenoloxidase Activation in Response to Infection by Inhibiting Prophenoloxidase-activating Proteinases. <i>Journal of Biological Chemistry</i> , 2003, 278, 46556-46564.	1.6	161
110	A serpin mutant links Toll activation to melanization in the host defence of <i>Drosophila</i> . <i>EMBO Journal</i> , 2002, 21, 6330-6337.	3.5	244
111	Expression and Purification of <i>Manduca sexta</i> Prophenoloxidase-Activating Proteinase Precursor (proPAP) from Baculovirus-Infected Insect Cells. <i>Protein Expression and Purification</i> , 2001, 23, 328-337.	0.6	28
112	A bacteria-induced, intracellular serpin in granular hemocytes of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 887-898.	1.2	49
113	Oxidative conjugation of catechols with proteins in insect skeletal systems. <i>Tetrahedron</i> , 2001, 57, 385-392.	1.0	193
114	Proteolytic Activation of Prophenoloxidase in an Insect <i>Manduca sexta</i> . <i>Advances in Experimental Medicine and Biology</i> , 2001, 484, 313-317.	0.8	11
115	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
116	The clip-domain family of serine proteinases in arthropods. <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 95-105.	1.2	358
117	The structure of active serpin 1K from <i>Manduca sexta</i> . <i>Structure</i> , 1999, 7, 103-109.	1.6	71
118	Biological activity of <i>Manduca sexta</i> paralytic and plasmatocyte spreading peptide and primary structure of its hemolymph precursor. <i>Insect Biochemistry and Molecular Biology</i> , 1999, 29, 1075-1086.	1.2	77
119	Characterization and Functional Analysis of 12 Naturally Occurring Reactive Site Variants of Serpin-1 from <i>Manduca sexta</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 1082-1087.	1.6	132
120	Molecular cloning of cDNAs for two pro-phenol oxidase subunits from the malaria vector, <i>Anopheles gambiae</i> 1The sequences have been deposited in GenBank under accession numbers AF004915 and AF004916.1. <i>Insect Biochemistry and Molecular Biology</i> , 1997, 27, 693-699.	1.2	50
121	Subunit Composition of Pro-phenol Oxidase from <i>Manduca sexta</i> : Molecular Cloning of Subunit ProPO-p1. <i>Insect Biochemistry and Molecular Biology</i> , 1997, 27, 835-850.	1.2	156
122	Organization of Serpin Gene-1 from <i>Manduca sexta</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 28017-28023.	1.6	82
123	CHAPTER 15. Structure and Function of Stress-Responsive Peptides in Insects. <i>RSC Drug Discovery Series</i> , 0, , 438-451.	0.2	8
124	Nitric Oxide-Induced Calcineurin A Mediates Antimicrobial Peptide Production Through the IMD Pathway. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5