Chun-Ju An

List of Publications by Year
in descending order

30	2,027	430874 18	501196 28
papers	citations	h-index	g-index

30	30	30	1860
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serine protease SP7 cleaves prophenoloxidase and is regulated by two serpins in Ostrinia furnacalis melanization. Insect Biochemistry and Molecular Biology, 2022, 141, 103699.	2.7	4
2	PLA 2 mediates the innate immune response in Asian corn borer, Ostrinia furnacalis. Insect Science, 2021, , .	3.0	6
3	A Short-Type Peptidoglycan Recognition Protein 1 (PGRP1) Is Involved in the Immune Response in Asian Corn Borer, Ostrinia furnacalis (GuenÃ©e). International Journal of Molecular Sciences, 2021, 22, 8198.	4.1	4
4	Eicosanoid-mediated immunity in insects. Developmental and Comparative Immunology, 2018, 83, 130-143.	2.3	108
5	Identification and Characterization of C-type Lectins in Ostrinia furnacalis (Lepidoptera: Pyralidae). Journal of Insect Science, 2018, 18, .	1.5	16
6	A Venom Serpin Splicing Isoform of the Endoparasitoid Wasp Pteromalus puparum Suppresses Host Prophenoloxidase Cascade by Forming Complexes with Host Hemolymph Proteinases. Journal of Biological Chemistry, 2017, 292, 1038-1051.	3.4	66
7	Serine protease SP105 activates prophenoloxidase in Asian corn borer melanization, and is regulated by serpin-3. Scientific Reports, 2017, 7, 45256.	3.3	20
8	Cloning, Expression, and Characterization of Prophenoloxidases from Asian Corn Borer,Ostrinia furnacalis(GunÃ©e). Journal of Immunology Research, 2016, 2016, 1-13.	2.2	6
9	CLIPB8 is part of the prophenoloxidase activation system in Anopheles gambiae mosquitoes. Insect Biochemistry and Molecular Biology, 2016, 71, 106-115.	2.7	33
10	Regulation of Sleep by Insulin-like Peptide System inDrosophila melanogaster. Sleep, 2015, 38, 1075-1083.	1.1	63
11	Serine proteases SP1 and SP13 mediate the melanization response of Asian corn borer, Ostrinia furnacalis, against entomopathogenic fungus Beauveria bassiana. Journal of Invertebrate Pathology, 2015, 128, 64-72.	3.2	27
12	Structural and Inhibitory Effects of Hinge Loop Mutagenesis in Serpin-2 from the Malaria Vector Anopheles gambiae. Journal of Biological Chemistry, 2015, 290, 2946-2956.	3.4	7
13	Ostrinia furnacalis serpin-3 regulates melanization cascade by inhibiting a prophenoloxidase-activating protease. Insect Biochemistry and Molecular Biology, 2015, 61, 53-61.	2.7	36
14	De Novo Transcriptome Analysis of Wing Development-Related Signaling Pathways in Locusta migratoria Manilensis and Ostrinia furnacalis (GuenÃ©e). PLoS ONE, 2014, 9, e106770.	2.5	15
15	Identification of Immunity-Related Genes in Ostrinia furnacalis against Entomopathogenic Fungi by RNA-Seq Analysis. PLoS ONE, 2014, 9, e86436.	2.5	58
16	Systemically interfering with immune response by a fluorescent cationic dendrimer delivered gene suppression. Journal of Materials Chemistry B, 2014, 2, 4653-4659.	5.8	40
17	Fluorescent Nanoparticle Delivered dsRNA Toward Genetic Control of Insect Pests. Advanced Materials, 2013, 25, 4580-4584.	21.0	169
18	Identification and Expression Profile Analysis of Antimicrobial Peptide/Protein in Asian Corn Borer, Ostrinia furnacalis (GuenÃ©e). International Journal of Biological Sciences, 2013, 9, 1004-1012.	6.4	23

#	Article	IF	Citations
19	Serine Protease MP2 Activates Prophenoloxidase in the Melanization Immune Response of Drosophila melanogaster. PLoS ONE, 2013, 8, e79533.	2.5	50
20	Biochemical Characterization of Anopheles gambiae SRPN6, a Malaria Parasite Invasion Marker in Mosquitoes. PLoS ONE, 2012, 7, e48689.	2.5	19
21	THE INTEGRATIVE EFFECTS OF POPULATION DENSITY, PHOTOPERIOD, TEMPERATURE, AND HOST PLANT ON THE INDUCTION OF ALATE APHIDS IN <scp>S</scp>CHIZAPHIS GRAMINUM. Archives of Insect Biochemistry and Physiology, 2012, 79, 198-206.	1.5	10
22	Serpin-1 splicing isoform J inhibits the proSpÃtzle-activating proteinase HP8 to regulate expression of antimicrobial hemolymph proteins in Manduca sexta. Developmental and Comparative Immunology, 2011, 35, 135-141.	2.3	54
23	RNA interference in Lepidoptera: An overview of successful and unsuccessful studies and implications for experimental design. Journal of Insect Physiology, 2011, 57, 231-245.	2.0	729
24	Characterization of a regulatory unit that controls melanization and affects longevity of mosquitoes. Cellular and Molecular Life Sciences, 2011, 68, 1929-1939.	5.4	110
25	Crystal structure of native Anopheles gambiae serpinâ€2, a negative regulator of melanization in mosquitoes. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1999-2003.	2.6	11
26	Proteolytic activation and function of the cytokine SpÃtzle in the innate immune response of a lepidopteran insect, Manducaâ€ƒsexta. FEBS Journal, 2010, 277, 148-162.	4.7	105
27	Manduca sexta serpin-5 regulates prophenoloxidase activation and the Toll signaling pathway by inhibiting hemolymph proteinase HP6. Insect Biochemistry and Molecular Biology, 2010, 40, 683-689.	2.7	82
28	Functions of Manduca sexta Hemolymph Proteinases HP6 and HP8 in Two Innate Immune Pathways. Journal of Biological Chemistry, 2009, 284, 19716-19726.	3.4	149
29	Cellular immune response of the Asian corn borer, Ostrinia furnacalis (Lepidoptera: Pyralidae), to infection by the entomopathogenic fungus, Beauveria bassiana. European Journal of Entomology, 0, 113, 415-422.	1.2	5
30	Serpinâ€“4 Facilitates Baculovirus Infection by Inhibiting Melanization in Asian Corn Borer, Ostrinia furnacalis (GuenÃ©e). Frontiers in Immunology, 0, 13, .	4.8	2