Sang-Woon Shin

List of Publications by Year
in descending order

29 papers	2,212 citations	361413 20 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	2458 citing authors

#	Article	IF	Citations
1	Inducible Expression of Several Drosophila melanogaster Genes Encoding Juvenile Hormone Binding Proteins by a Plant Diterpene Secondary Metabolite, Methyl Lucidone. Insects, 2022, 13, 420.	2.2	3
2	Screening of Juvenile Hormone Disruptors from Myzus persicae using Yeast Î²-galactosidase Assay. Nong'yag Gwahag Hoeji, 2020, 24, 241-246.	0.5	0
3	Species-Specific Interactions between Plant Metabolites and Insect Juvenile Hormone Receptors. Journal of Chemical Ecology, 2018, 44, 1022-1029.	1.8	6
4	A plant diterpene counteracts juvenile hormone-mediated gene regulation during Drosophila melanogaster larval development. PLoS ONE, 2018, 13, e0200706.	2.5	5
5	Conifer Diterpene Resin Acids Disrupt Juvenile Hormone-Mediated Endocrine Regulation in the Indian Meal Moth Plodia interpunctella. Journal of Chemical Ecology, 2017, 43, 703-711.	1.8	18
6	Hairy and Groucho mediate the action of juvenile hormone receptor Methoprene-tolerant in gene repression. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E735-43.	7.1	55
7	Cysteine Protease Profiles of the Medicinal Plant Calotropis procera R. Br. Revealed by De Novo Transcriptome Analysis. PLoS ONE, 2015, 10, e0119328.	2.5	20
8	Identification of plant compounds that disrupt the insect juvenile hormone receptor complex. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1733-1738.	7.1	75
9	Juvenile hormone and its receptor, methoprene-tolerant, control the dynamics of mosquito gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2173-81.	7.1	124
10	bHLH-PAS heterodimer of methoprene-tolerant and Cycle mediates circadian expression of juvenile hormone-induced mosquito genes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16576-16581.	7.1	117
11	Complete genome sequence of a novel picorna-like virus isolated from Spodoptera exigua. Journal of Asia-Pacific Entomology, 2012, 15, 259-263.	0.9	12
12	Analysis of Genes Expression of Spodoptera exigua Larvae upon AcMNPV Infection. PLoS ONE, 2012, 7, e42462.	2.5	40
13	A new factor in the <i>Aedes aegypti</i> immune response: CLSP2 modulates melanization. EMBO Reports, 2011, 12, 938-943.	4.5	33
14	Transcriptome Analysis of Aedes aegypti Transgenic Mosquitoes with Altered Immunity. PLoS Pathogens, 2011, 7, e1002394.	4.7	94
15	Distinct Melanization Pathways in the Mosquito Aedes aegypti. Immunity, 2010, 32, 41-53.	14.3	125
16	Blocking of <i>Plasmodium</i> transmission by cooperative action of Cecropin A and Defensin A in transgenic <i>Aedes aegypti</i> mosquitoes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8111-8116.	7.1	122
17	Pathogenomics of <i>Culex quinquefasciatus</i> and Meta-Analysis of Infection Responses to Diverse Pathogens. Science, 2010, 330, 88-90.	12.6	150
18	Mosquito RUNX4 in the immune regulation of PPO gene expression and its effect on avian malaria parasite infection. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18454-18459.	7.1	59

#	Article	IF	Citations
19	Evolutionary Dynamics of Immune-Related Genes and Pathways in Disease-Vector Mosquitoes. Science, 2007, 316, 1738-1743.	12.6	550
20	Regulation of Lipid Metabolism Genes, Lipid Carrier Protein Lipophorin, and Its Receptor during Immune Challenge in the Mosquito Aedes aegypti. Journal of Biological Chemistry, 2006, 281, 8426-8435.	3.4	98
21	A Toll Receptor and a Cytokine, Toll5A and Spz1C, Are Involved in Toll Antifungal Immune Signaling in the Mosquito Aedes aegypti. Journal of Biological Chemistry, 2006, 281, 39388-39395.	3.4	88
22	REL1, a Homologue of Drosophila Dorsal, Regulates Toll Antifungal Immune Pathway in the Female Mosquito Aedes aegypti. Journal of Biological Chemistry, 2005, 280, 16499-16507.	3.4	104
23	Transgenic alteration of Toll immune pathway in the female mosquito Aedes aegypti. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13568-13573.	7.1	88
24	Relish-mediated immune deficiency in the transgenic mosquito Aedes aegypti. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2616-2621.	7.1	70
25	Characterization of three alternatively spliced isoforms of the Rel/NF-ÂB transcription factor Relish from the mosquito Aedes aegypti. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9978-9983.	7.1	63
26	Immunological Detection of Serpin in the Fall Webworm, Hyphantria cunea and Its Inhibitory Activity on the Prophenoloxidase System. Molecules and Cells, 2000, 10, 186-192.	2.6	22
27	Two carbohydrate recognition domains ofHyphantria cunealectin bind to bacterial lipopolysaccharides through O-specific chain. FEBS Letters, 2000, 467, 70-74.	2.8	40
28	Immunological Detection of Serpin in the Fall Webworm,. Molecules and Cells, 2000, 10, 186.	2.6	17
29	Protein purification and nucleotide sequence of a lysozyme from the bacteria-induced larvae of the fall webworm,Hyphantria cunea. , 1997, 35, 335-345.		14