Ben-Shui Shu

List of Publications by Year
in descending order

30	572	623734 14	677142 22
papers	citations	h-index	g-index

30	30	30	491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of azadirachtin on detoxification-related gene expression in the fat bodies of the fall armyworm, Spodoptera frugiperda. Environmental Science and Pollution Research, 2023, 30, 42587-42595.	5.3	10
2	Selection of reference genes for quantitative real-time PCR normalization in the coffee white stem borer, Xylotrechus quadripes Chevrolat (Coleoptera: Cerambycidae). Bulletin of Entomological Research, 2022, 112, 151-161.	1.0	3
3	Genomeâ€wide identification, characterization and functional analysis of the chitianse and chitinaseâ€like gene family in <scp>Diaphorina citri</scp>. Pest Management Science, 2022, 78, 1740-1748.	3.4	6
4	Identification of azadirachtin responsive genes in Spodoptera frugiperda larvae based on RNA-seq. Pesticide Biochemistry and Physiology, 2021, 172, 104745.	3.6	27
5	Effects of the entomopathogenic fungus Clonostachys rosea on mortality rates and gene expression profiles in Diaphorina citri adults. Journal of Invertebrate Pathology, 2021, 179, 107539.	3.2	6
6	Growth inhibition of Spodoptera frugiperda larvae by camptothecin correlates with alteration of the structures and gene expression profiles of the midgut. BMC Genomics, 2021, 22, 391.	2.8	17
7	Stability evaluation of reference genes for real-time quantitative PCR normalization in Spodoptera frugiperda (Lepidoptera: Noctuidae). Journal of Integrative Agriculture, 2021, 20, 2471-2482.	3.5	16
8	Effects of camptothecin on histological structures and gene expression profiles of fat bodies in Spodoptera frugiperda. Ecotoxicology and Environmental Safety, 2021, 228, 112968.	6.0	7
9	Combined transcriptomic and proteomic analysis of harmine on Spodoptera frugiperda Sf9 cells to reveal the potential resistance mechanism. Journal of Proteomics, 2020, 211, 103573.	2.4	17
10	Comparative transcriptomic analyses revealed genes and pathways responsive to heat stress in Diaphorina citri. Gene, 2020, 727, 144246.	2.2	11
11	Transcriptome analysis of putative detoxification genes in the Asian citrus psyllid, <scp>Diaphorina citri</scp>. Pest Management Science, 2020, 76, 3857-3870.	3.4	21
12	Distinct microbial communities among different tissues of citrus tree Citrus reticulata cv. Chachiensis. Scientific Reports, 2020, 10, 6068.	3.3	15
13	Pro-Apoptotic Function Analysis of the Reaper Homologue IBM1 in Spodoptera frugiperda. International Journal of Molecular Sciences, 2020, 21, 2729.	4.1	9
14	Stability of selected reference genes in Sf9 cells treated with extrinsic apoptotic agents. Scientific Reports, 2019, 9, 14147.	3.3	8
15	Natural Î²-carboline alkaloids regulate the PI3K/Akt/mTOR pathway and induce autophagy in insect Sf9 cells. Pesticide Biochemistry and Physiology, 2019, 154, 67-77.	3.6	16
16	Harmine induced apoptosis in Spodoptera frugiperda Sf9 cells by activating the endogenous apoptotic pathways and inhibiting DNA topoisomerase I activity. Pesticide Biochemistry and Physiology, 2019, 155, 26-35.	3.6	22
17	Curcuminâ€induced autophagy and nucleophagy in Spodoptera frugiperda Sf9 insect cells occur via PI3K/AKT/TOR pathways. Journal of Cellular Biochemistry, 2019, 120, 2119-2137.	2.6	11
18	Selection of Reference Genes for Optimal Normalization of Quantitative Real-Time Polymerase Chain Reaction Results for Diaphorina citri Adults. Journal of Economic Entomology, 2019, 112, 355-363.	1.8	19

#	Article	IF	Citations
19	Design, synthesis, fungicidal property and QSAR studies of novel Î²â€carbolines containing urea, benzoylthiourea and benzoylurea for the control of rice sheath blight. Pest Management Science, 2018, 74, 1736-1746.	3.4	38
20	DnaJ homolog subfamily A member1 (DnaJ1) is a newly discovered anti-apoptotic protein regulated by azadirachtin in Sf9 cells. BMC Genomics, 2018, 19, 413.	2.8	10
21	Azadirachtin Affects the Growth of Spodoptera litura Fabricius by Inducing Apoptosis in Larval Midgut. Frontiers in Physiology, 2018, 9, 137.	2.8	36
22	Evaluation of Reference Genes for Real-Time Quantitative PCR Analysis in Larvae of Spodoptera litura Exposed to Azadirachtin Stress Conditions. Frontiers in Physiology, 2018, 9, 372.	2.8	39
23	Cytotoxic and Apoptotic Activity of the Novel Harmine Derivative ZC-14 in Sf9 Cells. International Journal of Molecular Sciences, 2018, 19, 811.	4.1	11
24	Proteomic Profiling Analysis of Male Infertility in Spodoptera Litura Larvae Challenged with Azadirachtin and its Potentialâ€Regulated Pathways in the Following Stages. Proteomics, 2018, 18, e1800192.	2.2	10
25	Curcumin induces autophagic cell death in Spodoptera frugiperda cells. Pesticide Biochemistry and Physiology, 2017, 139, 79-86.	3.6	23
26	Transcriptome analysis of Spodoptera frugiperda Sf9 cells reveals putative apoptosis-related genes and a preliminary apoptosis mechanism induced by azadirachtin. Scientific Reports, 2017, 7, 13231.	3.3	29
27	Crossâ€resistance and baseline susceptibility of Spodoptera litura (Fabricius) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	3.4	64
28	A COMPREHENSIVE STUDY ON APOPTOSIS INDUCTION BY AZADIRACHTIN IN Spodoptera frugiperda CULTURED CELL LINE Sf9. Archives of Insect Biochemistry and Physiology, 2015, 89, 153-168.	1.5	22
29	Azadirachtin-induced apoptosis involves lysosomal membrane permeabilization and cathepsin L release in Spodoptera frugiperda Sf9 cells. International Journal of Biochemistry and Cell Biology, 2015, 64, 126-135.	2.8	41
30	Ironâ€“sulfur protein in mitochondrial complexes of Spodoptera litura as potential site for ROS generation. Journal of Insect Physiology, 2014, 71, 21-29.	2.0	8