

Guohua Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

411
citations

933447

10
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Botanical Pesticides in Agriculture as an Alternative to Synthetic Pesticides. Agriculture (Switzerland), 2022, 12, 600.	3.1	74
2	Coordinated niche-associated signals promote germline homeostasis in the <i>Drosophila</i> ovary. Journal of Cell Biology, 2015, 211, 469-484.	5.2	48
3	Olfactory Plasticity: Variation in the Expression of Chemosensory Receptors in <i>Bactrocera dorsalis</i> in Different Physiological States. Frontiers in Physiology, 2017, 8, 672.	2.8	42
4	Bdor< mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">< mml:mrow>< mml:mo>â</mml:mo></mml:mrow></mml:math>Orco is important for oviposition-detering behavior induced by both the volatile and non-volatile repellents in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). Journal of Insect Physiology, 2014, 65, 51-56.	2.0	32
5	Role of Endocrine System in the Regulation of Female Insect Reproduction. Biology, 2021, 10, 614.	2.8	28
6	Azadirachtin acting as a hazardous compound to induce multiple detrimental effects in <i>Drosophila melanogaster</i> . Journal of Hazardous Materials, 2018, 359, 338-347.	12.4	25
7	Curcumin induces autophagic cell death in <i>Spodoptera frugiperda</i> cells. Pesticide Biochemistry and Physiology, 2017, 139, 79-86.	3.6	23
8	Biodegradation of Pyrethroids by a Hydrolyzing Carboxylesterase EstA from <i>Bacillus cereus</i> BCC01. Applied Sciences (Switzerland), 2019, 9, 477.	2.5	21
9	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
10	Curcuminâ€induced autophagy and nucleophagy in <i>Spodoptera frugiperda</i> Sf9</i> insect cells occur via PI3K/AKT/TOR pathways. Journal of Cellular Biochemistry, 2019, 120, 2119-2137.	2.6	11
11	Synergistic Degradation of Pyrethroids by the Quorum Sensing-Regulated Carboxylesterase of <i>Bacillus subtilis</i> BSF01. Frontiers in Bioengineering and Biotechnology, 2020, 8, 889.	4.1	11
12	Synergistic effects of botanical curcumin-induced programmed cell death on the management of <i>Spodoptera litura</i> Fabricius with avermectin. Ecotoxicology and Environmental Safety, 2022, 229, 113097.	6.0	10
13	Structure-based design and structure-activity relationships of 1,2,3,4-tetrahydroisoquinoline derivatives as potential PDE4 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1188-1193.	2.2	9
14	Pro-Apoptotic Function Analysis of the Reaper Homologue IBM1 in <i>Spodoptera frugiperda</i> . International Journal of Molecular Sciences, 2020, 21, 2729.	4.1	9
15	Stability of selected reference genes in Sf9 cells treated with extrinsic apoptotic agents. Scientific Reports, 2019, 9, 14147.	3.3	8
16	Mutualism promotes insect fitness by fungal nutrient compensation and facilitates fungus propagation by mediating insect oviposition preference. ISME Journal, 2022, 16, 1831-1842.	9.8	8
17	Simplification of Natural Î²-Carboline Alkaloids to Obtain Indole Derivatives as Potent Fungicides against Rice Sheath Blight. Molecules, 2020, 25, 1189.	3.8	7
18	Identification of a novel interacting partner of the chemosensory protein 1 from <i>Plutella xylostella</i> L. International Journal of Biological Macromolecules, 2014, 63, 233-239.	7.5	6

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19	Toxicity assessment of chlorpyrifos-degrading fungal bio-composites and their environmental risks. <i>Scientific Reports</i> , 2018, 8, 2152.	3.3	6
20	Characterizing potential repelling volatiles for “push-pull” strategy against stem borer: a case study in <i>Chilo auricilius</i> . <i>BMC Genomics</i> , 2019, 20, 751.	2.8	5
21	Design, Synthesis and Structure-Activity Relationship of Novel Aphicidal Mezzettiaside-Type Oligorhamnosides and Their Analogues. <i>Molecules</i> , 2018, 23, 41.	3.8	4
22	Behavioral, Morphological, and Gene Expression Changes Induced by $^{60}\text{Co-}\gamma$ Ray Irradiation in <i>Bactrocera tau</i> (Walker). <i>Frontiers in Physiology</i> , 2018, 9, 118.	2.8	4
23	Cyromazine Effects the Reproduction of <i>Drosophila</i> by Decreasing the Number of Germ Cells in the Female Adult Ovary. <i>Insects</i> , 2022, 13, 414.	2.2	4
24	Silencing of Rieske Iron-Sulfur Protein Impacts Upon the Development and Reproduction of <i>Spodoptera exigua</i> by Regulating ATP Synthesis. <i>Frontiers in Physiology</i> , 2018, 9, 575.	2.8	3
25	Evolution from Natural β -Carboline Alkaloids to Obtain 1,2,4,9-tetrahydro-3-thia-9-aza-fluorene Derivatives as Potent Fungicidal Agents against <i>Rhizoctonia solani</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 4044.	4.1	2