

Guohua Zhong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7279903/publications.pdf>

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	Synergistic effects of botanical curcumin-induced programmed cell death on the management of <i>Spodoptera litura</i> Fabricius with avermectin. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113097.	6.0	10
2	Mutualism promotes insect fitness by fungal nutrient compensation and facilitates fungus propagation by mediating insect oviposition preference. <i>ISME Journal</i> , 2022, 16, 1831-1842.	9.8	8
3	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
4	Use of Botanical Pesticides in Agriculture as an Alternative to Synthetic Pesticides. <i>Agriculture (Switzerland)</i> , 2022, 12, 600.	3.1	74
5	Role of Endocrine System in the Regulation of Female Insect Reproduction. <i>Biology</i> , 2021, 10, 614.	2.8	28
6	Synergistic Degradation of Pyrethroids by the Quorum Sensing-Regulated Carboxylesterase of <i>Bacillus subtilis</i> BSF01. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 889.	4.1	11
7	Simplification of Natural β -Carboline Alkaloids to Obtain Indole Derivatives as Potent Fungicides against Rice Sheath Blight. <i>Molecules</i> , 2020, 25, 1189.	3.8	7
8	Pro-Apoptotic Function Analysis of the Reaper Homologue IBM1 in <i>Spodoptera frugiperda</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 2729.	4.1	9
9	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
10	Stability of selected reference genes in Sf9 cells treated with extrinsic apoptotic agents. <i>Scientific Reports</i> , 2019, 9, 14147.	3.3	8
11	Biodegradation of Pyrethroids by a Hydrolyzing Carboxylesterase EstA from <i>Bacillus cereus</i> BCC01. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 477.	2.5	21
12	Curcumin-induced autophagy and nucleophagy in <i>Spodoptera frugiperda</i> Sf9 insect cells occur via PI3K/AKT/TOR pathways. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2119-2137.	2.6	11
13	Structure-based design and structure-activity relationships of 1,2,3,4-tetrahydroisoquinoline derivatives as potential PDE4 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1188-1193.	2.2	9
14	Toxicity assessment of chlorpyrifos-degrading fungal bio-composites and their environmental risks. <i>Scientific Reports</i> , 2018, 8, 2152.	3.3	6
15	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
16	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
17	Azadirachtin acting as a hazardous compound to induce multiple detrimental effects in <i>Drosophila melanogaster</i> . <i>Journal of Hazardous Materials</i> , 2018, 359, 338-347.	12.4	25
18	Cytotoxic and Apoptotic Activity of the Novel Harmine Derivative ZC-14 in Sf9 Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 811.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Design, Synthesis and Structure-Activity Relationship of Novel Aphicidal Mezzettiaside-Type Oligorhamnosides and Their Analogues. <i>Molecules</i> , 2018, 23, 41.	3.8	4
20	Behavioral, Morphological, and Gene Expression Changes Induced by $^{60}\text{Co-}\beta$ Ray Irradiation in <i>Bactrocera tau</i> (Walker). <i>Frontiers in Physiology</i> , 2018, 9, 118.	2.8	4
21	Curcumin induces autophagic cell death in <i>Spodoptera frugiperda</i> cells. <i>Pesticide Biochemistry and Physiology</i> , 2017, 139, 79-86.	3.6	23
22	Olfactory Plasticity: Variation in the Expression of Chemosensory Receptors in <i>Bactrocera dorsalis</i> in Different Physiological States. <i>Frontiers in Physiology</i> , 2017, 8, 672.	2.8	42
23	Coordinated niche-associated signals promote germline homeostasis in the <i>Drosophila</i> ovary. <i>Journal of Cell Biology</i> , 2015, 211, 469-484.	5.2	48
24	Bdor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{\$}^1 \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Orco}$ is important for oviposition-detering behavior induced by both the volatile and non-volatile repellents in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Journal of Insect Physiology</i> , 2014, 65, 51-56.	2.0	32
25	Identification of a novel interacting partner of the chemosensory protein 1 from <i>Plutella xylostella</i> L. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 233-239.	7.5	6