

Szymon Chowański

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

680
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Bioinsecticidal Activity of Solanaceae Alkaloids. <i>Toxins</i> , 2016, 8, 60.	3.4	180
2	Beetles as Model Organisms in Physiological, Biomedical and Environmental Studies – A Review. <i>Frontiers in Physiology</i> , 2019, 10, 319.	2.8	73
3	Plant-Derived Substances Used Against Beetles – Pests of Stored Crops and Food – and Their Mode of Action: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018, 17, 1339-1366.	11.7	61
4	Insulin-Like Peptides and Cross-Talk With Other Factors in the Regulation of Insect Metabolism. <i>Frontiers in Physiology</i> , 2021, 12, 701203.	2.8	41
5	Cold induced changes in lipid, protein and carbohydrate levels in the tropical insect <i>Gromphadorhina coquereliana</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 183, 57-63.	1.8	32
6	Cardioactive properties of Solanaceae plant extracts and pure glycoalkaloids on <i>Zophobas atratus</i> . <i>Insect Science</i> , 2015, 22, 251-262.	3.0	26
7	Cardioregulatory Functions of Neuropeptides and Peptide Hormones in Insects. <i>Protein and Peptide Letters</i> , 2016, 23, 913-931.	0.9	26
8	The physiological role of fat body and muscle tissues in response to cold stress in the tropical cockroach <i>Gromphadorhina coquereliana</i> . <i>PLoS ONE</i> , 2017, 12, e0173100.	2.5	23
9	Mitochondria as a target and central hub of energy division during cold stress in insects. <i>Frontiers in Zoology</i> , 2022, 19, 1.	2.0	23
10	Insect Peptides - Perspectives in Human Diseases Treatment. <i>Current Medicinal Chemistry</i> , 2017, 24, 3116-3152.	2.4	21
11	Sublethal Effects of <i>Solanum nigrum</i> Fruit Extract and Its Pure Glycoalkaloids on the Physiology of <i>Tenebrio molitor</i> (Mealworm). <i>Toxins</i> , 2018, 10, 504.	3.4	19
12	Insecticidal properties of <i>Solanum nigrum</i> and <i>Armoracia rusticana</i> extracts on reproduction and development of <i>Drosophila melanogaster</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 454-463.	6.0	19
13	Cholinergic Agonists and Antagonists Have an Effect on the Metabolism of the Beetle <i>Tenebrio Molitor</i> . <i>Molecules</i> , 2019, 24, 17.	3.8	19
14	Thermal stress causes DNA damage and mortality in a tropical insect. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	15
15	The long-term immunological effects of alloferon and its analogues in the mealworm <i>Tenebrio molitor</i> . <i>Insect Science</i> , 2018, 25, 429-438.	3.0	12
16	Differentiated Effects of Secondary Metabolites from Solanaceae and Brassicaceae Plant Families on the Heartbeat of <i>Tenebrio molitor</i> Pupae. <i>Toxins</i> , 2019, 11, 287.	3.4	12
17	Ultrastructural and developmental toxicity of potato and tomato leaf extracts to beet armyworm, <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>Microscopy Research and Technique</i> , 2016, 79, 948-958.	2.2	11
18	Short neuropeptide F signaling regulates functioning of male reproductive system in <i>Tenebrio molitor</i> beetle. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 521-534.	1.5	10

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19	Identification of sulfakinin receptors (SKR) in <i>Tenebrio molitor</i> beetle and the influence of sulfakinins on carbohydrates metabolism. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 669-679.	1.5	10
20	<i>Solanum nigrum</i> Extract and Solasonine Affected Hemolymph Metabolites and Ultrastructure of the Fat Body and the Midgut in <i>Galleria mellonella</i> . <i>Toxins</i> , 2021, 13, 617.	3.4	10
21	<i>Solanum nigrum</i> Fruit Extract Increases Toxicity of Fenitrothion – A Synthetic Insecticide, in the Mealworm Beetle <i>Tenebrio molitor</i> Larvae. <i>Toxins</i> , 2020, 12, 612.	3.4	9
22	Myotropic Effects of Cholinergic Muscarinic Agonists and Antagonists in the Beetle <i>Tenebrio molitor</i> L.. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 1088-1097.	1.6	7
23	FMRamide-Related Peptides Signaling Is Involved in the Regulation of Muscle Contractions in Two Tenebrionid Beetles. <i>Frontiers in Physiology</i> , 2020, 11, 456.	2.8	6
24	Effect of Short-Term Desiccation, Recovery Time, and CAPA – PVK Neuropeptide on the Immune System of the Burying Beetle <i>Nicrophorus vespilloides</i> . <i>Frontiers in Physiology</i> , 2021, 12, 671463.	2.8	4
25	Sulfakinins influence lipid composition and insulin-like peptides level in oenocytes of <i>Zophobas atratus</i> beetles. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, , 1.	1.5	4
26	Solanaceae glycoalkaloids: \pm -solanine and \pm -chaconine modify the cardioinhibitory activity of verapamil. <i>Pharmaceutical Biology</i> , 2022, 60, 1317-1330.	2.9	3
27	Morphometry of auditory ossicles in medieval human remains from Central Europe. <i>Anatomical Record</i> , 2022, 305, 1947-1961.	1.4	2
28	Changes in erythrocyte membrane permeability induced by verapamil, chlorpromazine, and their combinations with amphotericin B. <i>Biological Letters</i> , 2011, 48, 225-241.	0.6	1
29	Insects as a New Complex Model in Hormonal Basis of Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11066.	4.1	1