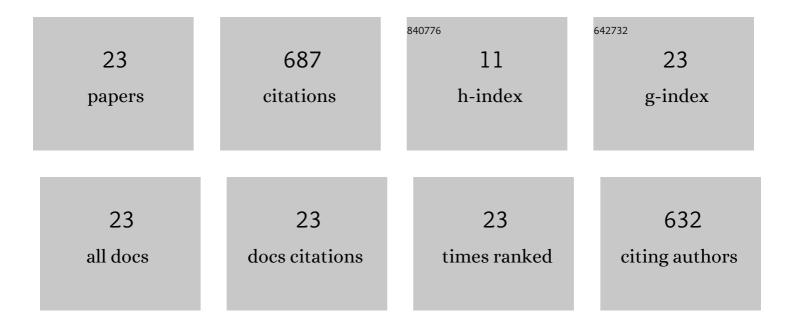
Zhen-peng Kai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9508854/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Genome of the ramshorn snail Biomphalaria straminea-an obligate intermediate host of schistosomiasis GigaScience, 2022, 11, .	6.4	11
2	Rethinking Sesquiterpenoids: A Widespread Hormone in Animals. International Journal of Molecular Sciences, 2022, 23, 5998.	4.1	5
3	Myriapod genomes reveal ancestral horizontal gene transfer and hormonal gene loss in millipedes. Nature Communications, 2022, 13, .	12.8	12
4	Effects of fragrance compounds on growth of the silkworm <i>Bombyx mori</i> . PeerJ, 2021, 9, e11620.	2.0	3
5	Concentrations and Related Health Risk Assessment of Pesticides, Phthalates, and Heavy Metals in Strawberries from Shanghai, China. Journal of Food Protection, 2021, 84, 2116-2122.	1.7	7
6	Enzymes in the juvenile hormone biosynthetic pathway can be potential targets for pest control. Pest Management Science, 2020, 76, 1071-1077.	3.4	17
7	3D-QSAR based optimization of insect neuropeptide allatostatin analogs. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 890-895.	2.2	6
8	A rapid quantitative assay for juvenile hormones and intermediates in the biosynthetic pathway using gas chromatography tandem mass spectrometry. Journal of Chromatography A, 2018, 1538, 67-74.	3.7	12
9	Structure-Based Discovery of Nonpeptide Allatostatin Analogues for Pest Control. Journal of Agricultural and Food Chemistry, 2018, 66, 3644-3650.	5.2	7
10	Discovery of a Manduca sexta Allatotropin Antagonist from a Manduca sexta Allatotropin Receptor Homology Model. Molecules, 2018, 23, 817.	3.8	3
11	Discovery and quantitative structure–activity relationship study of lepidopteran <scp>HMG oA</scp> reductase inhibitors as selective insecticides. Pest Management Science, 2017, 73, 1944-1952.	3.4	10
12	MicroRNAs regulate the sesquiterpenoid hormonal pathway in <i>Drosophila</i> and other arthropods. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171827.	2.6	20
13	Lepidopteran HMG-CoA reductase is a potential selective target for pest control. PeerJ, 2017, 5, e2881.	2.0	9
14	The discovery of a novel antagonist – <i>Manduca sexta</i> allatotropin analogue – as an insect midgut active ion transport inhibitor. Pest Management Science, 2016, 72, 2176-2180.	3.4	6
15	Combretastatin A-4 and Derivatives: Potential Fungicides Targeting Fungal Tubulin. Journal of Agricultural and Food Chemistry, 2016, 64, 746-751.	5.2	14
16	Design, synthesis and anti-proliferative effects in tumor cells of new combretastatin A-4 analogs. Chinese Chemical Letters, 2015, 26, 993-999.	9.0	12
17	Peptidomimetics in the Discovery of New Insect Growth Regulators: Studies on the Structureâ"Activity Relationships of the Core Pentapeptide Region of Allatostatins. Journal of Agricultural and Food Chemistry, 2011, 59, 2478-2485.	5.2	18
18	Isolation and functional characterization of an allatotropin receptor from Manduca sexta. Insect Biochemistry and Molecular Biology, 2011, 41, 804-814.	2.7	50

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#	Article	IF	CITATIONS
19	Design, synthesis and biological activity of peptidomimetic analogs of insect allatostatins. Peptides, 2011, 32, 581-586.	2.4	21
20	Synthesis, Biological Activity, and Hologram Quantitative Structureâ^'Activity Relationships of Novel Allatostatin Analogues. Journal of Agricultural and Food Chemistry, 2010, 58, 2652-2658.	5.2	26
21	A potential insect growth regulator: Synthesis and bioactivity of an allatostatin mimic. Peptides, 2009, 30, 1249-1253.	2.4	35
22	Aminic nitrogen-bearing polydentate Schiff base compounds as corrosion inhibitors for iron in acidic media: A quantum chemical calculation. Corrosion Science, 2008, 50, 865-871.	6.6	366
23	The study of solution conformation of allatostatins by 2-D NMR and molecular modeling. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 70-75.	2.3	17