

Mariola Kuczer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

382
citations

12
h-index

17
g-index

46
ext. papers

447
ext. citations

3.3
avg, IF

3.44
L-index

#	Paper	IF	Citations
41	New physiological activities of myosuppressin, sulfakinin and NVP-like peptide in <i>Zophobas atratus</i> beetle. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011 , 181, 721-30	2.2	31
40	The pro-apoptotic action of the peptide hormone Neb-colloostatin on insect haemocytes. <i>Journal of Experimental Biology</i> , 2012 , 215, 4308-13	3	26
39	Studies of insect peptides alloferon, Any-GS and their analogues. Synthesis and antiherpes activity. <i>Journal of Peptide Science</i> , 2010 , 16, 186-9	2.1	26
38	Mononuclear copper(II) complexes of alloferons 1 and 2: a combined potentiometric and spectroscopic studies. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 135-42	4.2	23
37	Novel analogs of alloferon: Synthesis, conformational studies, pro-apoptotic and antiviral activity. <i>Bioorganic Chemistry</i> , 2016 , 66, 12-20	5.1	21
36	Mono- and polynuclear copper(II) complexes of alloferons 1 with point mutations (H6A) and (H12A): stability structure and cytotoxicity. <i>Inorganic Chemistry</i> , 2013 , 52, 5951-61	5.1	18
35	Further studies on the antiviral activity of alloferon and its analogues. <i>Journal of Peptide Science</i> , 2011 , 17, 715-9	2.1	18
34	UCP4 expression changes in larval and pupal fat bodies of the beetle <i>Zophobas atratus</i> under adipokinetic hormone treatment. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 166, 52-9	2.6	17
33	Insect gonadotropic peptide hormones: some recent developments. <i>Journal of Peptide Science</i> , 2007 , 13, 16-26	2.1	16
32	Copper(II) complex formation processes of alloferon I with point mutation H1K; combined spectroscopic and potentiometric studies. <i>Journal of Inorganic Biochemistry</i> , 2012 , 111, 40-9	4.2	15
31	Identification of myotropic neuropeptides from the brain and corpus cardiacum-corpora allatum complex of the beetle, <i>Zophobas atratus</i> . <i>Journal of Insect Science</i> , 2010 , 10, 156	2	15
30	Mono- and polynuclear copper(II) complexes with fragment of alloferons 1 and 2; combined potentiometric and spectroscopic studies. <i>Dalton Transactions</i> , 2010 , 39, 4117-25	4.3	15
29	Copper(II) complexes of alloferon 1 with point mutations (H1A) and (H9A) stability structure and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2014 , 138, 99-113	4.2	12
28	Novel biological effects of alloferon and its selected analogues: structure-activity study. <i>Regulatory Peptides</i> , 2013 , 183, 17-22		11
27	New alloferon analogues: synthesis and antiviral properties. <i>Chemical Biology and Drug Design</i> , 2013 , 81, 302-9	2.9	11
26	High stability and biological activity of the copper(II) complexes of alloferon 1 analogues containing tryptophan. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 147-161	4.2	10
25	Myotropic activity of allatostatins in tenebrionid beetles. <i>Neuropeptides</i> , 2018 , 70, 26-36	3.3	10

24	New myotropic and metabotropic actions of pyrokinins in tenebrionid beetles. <i>General and Comparative Endocrinology</i> , 2012 , 177, 263-9	3	10
23	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	3.6	9
22	Copper(II) complexes of terminally free alloferon mutants containing two histidyl binding sites inside peptide chain structure and stability. <i>Dalton Transactions</i> , 2015 , 44, 20659-74	4.3	9
21	Copper(II) complexes of the Neb- colloostatin analogues containing histidine residue structure stability biological activity. <i>Polyhedron</i> , 2017 , 134, 365-375	2.7	8
20	Impairment of the immune response after transcuticular introduction of the insect gonadoinhibitory and hemocytotoxic peptide Neb-colloostatin: A nanotech approach for pest control. <i>Scientific Reports</i> , 2019 , 9, 10330	4.9	6
19	The natural insect peptide Neb-colloostatin induces ovarian atresia and apoptosis in the mealworm <i>Tenebrio molitor</i> . <i>BMC Developmental Biology</i> , 2014 , 14, 4	3.1	6
18	Copper(II) complexes of terminally free alloferon peptide mutants containing two different histidyl (H(1) and H(6) or H(9) or H(12)) binding sites Structure Stability and Biological Activity. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 44-57	4.2	5
17	The pro-apoptotic action of new analogs of the insect gonadoinhibiting peptide Neb-colloostatin: synthesis and structure-activity studies. <i>Peptides</i> , 2013 , 44, 149-57	3.8	5
16	New proctolin analogues modified by D-amino acids in the peptide chain and their high cardioexcitatory effect on <i>Tenebrio molitor</i> . <i>International Journal of Peptide and Protein Research</i> , 1996 , 48, 286-91		5
15	Copper(ii) complexes with alloferon analogues containing phenylalanine H6F and H12F stability and biological activity lower stabilization of complexes compared to analogues containing tryptophan. <i>Metallomics</i> , 2019 , 11, 1700-1715	4.5	4
14	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	2.2	4
13	Copper(II) complexes of Neb-colloostatin and of (P4A) analogue Stability Structure Apoptosis. <i>Polyhedron</i> , 2015 , 85, 151-160	2.7	3
12	Copper(II) complexes of Neobelliera Bullata Trypsin Modulating Oostatic Factor and its analogues. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 1615-22	4.2	3
11	Insect trypsin modulating oostatic factor (Neb-TMOF) and its analogs: Preliminary structure/biological function relationship studies. <i>International Journal of Peptide Research and Therapeutics</i> , 1998 , 5, 391-393		2
10	Sulfakinin Signalling Influences Fatty Acid Levels and Composition in <i>Tenebrio Molitor</i> Beetle. <i>Protein and Peptide Letters</i> , 2019 , 26, 949-958	1.9	2
9	Argireline: Needle-Free Botox as Analytical Challenge. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2000992	2.5	2
8	FMRFamide-Related Peptides Signaling Is Involved in the Regulation of Muscle Contractions in Two Tenebrionid Beetles. <i>Frontiers in Physiology</i> , 2020 , 11, 456	4.6	1
7	Inhibitory Effect of Alloferons in Combination with Human Lymphocytes on Human Herpesvirus 1 (HHV-1) Replication In Vitro. <i>International Journal of Peptide Research and Therapeutics</i> , 2016 , 22, 255-261 ^{2,1}		1

- 6 Disruption of insect immunity using analogs of the pleiotropic insect peptide hormone Neb-colloostatin: a nanotech approach for pest control II. *Scientific Reports*, **2021**, 11, 9459 4.9 1
- 5 Veni, Vidi, Vici: Immobilized Peptide-Based Conjugates as Tools for Capture, Analysis, and Transformation. *Chemosensors*, **2022**, 10, 31 4 0
- 4 New Proctolin Analogues: Synthesis and Biological Investigation in Insects. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 387-389
- 3 Insect Trypsin Modulating Oostatic Factor (Neb-TMOF) and Its Analogs: Preliminary Structure/Biological Function Relationship Studies. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 391-393
- 2 New proctolin analogues: Synthesis and biological investigation in insects. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 387-389
- 1 Distribution in Rats Internal Organs of Intraperitoneally Given ¹²⁵I-Labeled Heptapeptide [2-8]-Leucopyrokinin ([2-8]-LPK), a Truncated Analog of Insect Neuropeptide Leucopyrokinin. *Advances in Clinical and Experimental Medicine*, **2015**, 24, 579-84 1.8