

# Balázs Leitgeb

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

472  
citations

933447  
10  
h-index

677142  
22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

621  
citing authors

#	ARTICLE	IF	CITATIONS
1	The History of Alamethicin: A Review of the Most Extensively Studied Peptaibol. <i>Chemistry and Biodiversity</i> , 2007, 4, 1027-1051.	2.1	209
2	Aromaticâ€‘aromatic and prolineâ€‘aromatic interactions in endomorphin-1 and endomorphin-2. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 674-686.	5.5	33
3	Diversity Profile and Dynamics of Peptaibols Produced by Green Mould <i>Trichoderma</i> Species in Interactions with Their Hosts <i>Agaricus bisporus</i> and <i>Pleurotus ostreatus</i>. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700033.	2.1	31
4	Structural Investigation of Endomorphins by Experimental and Theoretical Methods: Hunting for the Bioactive Conformation. <i>Chemistry and Biodiversity</i> , 2007, 4, 2703-2724.	2.1	30
5	Recent Results in Alamethicin Research. <i>Chemistry and Biodiversity</i> , 2013, 10, 744-771.	2.1	29
6	Studying the structural properties of polyalanine and polyglutamine peptides. <i>Journal of Molecular Modeling</i> , 2007, 13, 1141-1150.	1.8	23
7	On the Hofmeister Effect: Fluctuations at the Proteinâ€‘Water Interface and the Surface Tension. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8496-8504.	2.6	22
8	Conformational analysis of endomorphin-2 by molecular dynamics methods. <i>Biopolymers</i> , 2003, 68, 497-511.	2.4	20
9	A novel, image analysis-based method for the evaluation of in vitro antagonism. <i>Journal of Microbiological Methods</i> , 2006, 65, 619-622.	1.6	19
10	Exploring the conformational space of the $\mu$ -opioid agonists endomorphin-1 and endomorphin-2. <i>Computational and Theoretical Chemistry</i> , 2003, 666-667, 337-344.	1.5	10
11	Structural Characterization of the Short Peptaibols Trichobrachins by Molecularâ€‘Dynamics Methods. <i>Chemistry and Biodiversity</i> , 2013, 10, 876-886.	2.1	8
12	Complex Kinetics of the Electron Transfer between the Photoactive Redox Label TUPS and the Heme of Cytochrome c. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 1520-1526.	5.4	6
13	Exploring and characterizing the folding processes of Lys- and Arg-containing Ala-based peptides: A molecular dynamics study. <i>Computational Biology and Chemistry</i> , 2011, 35, 240-250.	2.3	6
14	Helix and H-bond formations of alanine-based peptides containing basic amino acids. <i>Structural Chemistry</i> , 2011, 22, 1287-1295.	2.0	5
15	Conformational Similarities and Dissimilarities Between the Stereoisomeric Forms of Endomorphinâ€‘2. <i>Chemical Biology and Drug Design</i> , 2012, 79, 313-325.	3.2	4
16	Characterizing the structural and folding properties of longâ€‘sequence hypomurocin B peptides and their analogs. <i>Biopolymers</i> , 2016, 106, 645-657.	2.4	4
17	Discrimination between the Two Closely Related Species of the Operational Group B. <i>amyloliquefaciens</i> Based on Whole-Cell Fatty Acid Profiling. <i>Microorganisms</i> , 2022, 10, 418.	3.6	4
18	Effects of missense mutation on structure and function of photoreceptor. <i>Plant Signaling and Behavior</i> , 2012, 7, 589-591.	2.4	2

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19	Characteristic Structural Features of Indolicidin: Effects of the <i>cis</i> – <i>trans</i> Isomerism on its Conformation. <i>Chemical Biology and Drug Design</i> , 2014, 83, 132-140.	3.2	2
20	Studying the Structural and Folding Features of Long-Sequence Trichobrachin Peptides. <i>Chemistry and Biodiversity</i> , 2015, 12, 1365-1377.	2.1	2
21	In Silico Conformational Analysis of the Short-Sequence Hypomurocin A Peptides. <i>International Journal of Peptides</i> , 2015, 2015, 1-6.	0.7	2
22	Comparative study of SP[6-11] and its analogs using simulated annealing. <i>Biopolymers</i> , 2005, 78, 35-45.	2.4	1
23	Comprehensive structural characterization of the cyclic disulphide-bridged nonapeptides, Arg- and Lys-conopressins. <i>Journal of Molecular Graphics and Modelling</i> , 2009, 27, 881-888.	2.4	0
24	Spatial relationships between the pharmacophores of endomorphin-2: a comparative study of stereoisomers. <i>Open Chemistry</i> , 2012, 10, 1791-1798.	1.9	0
25	Studying the helical conformations of aspereline peptides. <i>Chemical Biology and Drug Design</i> , 2021, 97, 1029-1037.	3.2	0