

Mojtaba Bagheri

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

646
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization Reduces the Activity of Surface-Bound Cationic Antimicrobial Peptides with No Influence upon the Activity Spectrum. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1132-1141.	3.2	228
2	Mode of Action of Cationic Antimicrobial Peptides Defines the Tethering Position and the Efficacy of Biocidal Surfaces. <i>Bioconjugate Chemistry</i> , 2012, 23, 66-74.	3.6	59
3	Cyclic antimicrobial R-, W-rich peptides: the role of peptide structure and E. coli outer and inner membranes in activity and the mode of action. <i>European Biophysics Journal</i> , 2011, 40, 515-528.	2.2	47
4	IAMPE: NMR-Assisted Computational Prediction of Antimicrobial Peptides. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 4691-4701.	5.4	46
5	An intriguing effect of lithium perchlorate dispersed on silica gel in the bromination of aromatic compounds by N-bromosuccinimide. <i>Canadian Journal of Chemistry</i> , 2005, 83, 146-149.	1.1	36
6	Interaction of W-Substituted Analogs of Cyclo-RRRWFW with Bacterial Lipopolysaccharides: the Role of the Aromatic Cluster in Antimicrobial Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 788-797.	3.2	34
7	Tryptic Stability of Synthetic Bactenecin Derivatives Is Determined by the Side Chain Length of Cationic Residues and the Peptide Conformation. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3079-3086.	6.4	31
8	Pronounced peptide selectivity for melanoma through tryptophan end-tagging. <i>Scientific Reports</i> , 2016, 6, 24952.	3.3	22
9	Bacterial Aggregation Triggered by Fibril Forming Tryptophan-Rich Sequences: Effects of Peptide Side Chain and Membrane Phospholipids. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26852-26867.	8.0	22
10	Arginine/Tryptophan-Rich Cyclic Antimicrobial Peptides: The Roles of Hydrogen Bonding and Hydrophobic/Hydrophilic Solvent-Accessible Surface Areas upon Activity and Membrane Selectivity. <i>Chemistry - A European Journal</i> , 2018, 24, 14242-14253.	3.3	18
11	Polymyxins interaction to the human serum albumin: A thermodynamic and computational study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 155-163.	3.9	16
12	CpACpP: <i>In Silico</i> Cell-Penetrating Anticancer Peptide Prediction Using a Novel Bioinformatics Framework. <i>ACS Omega</i> , 2021, 6, 19846-19859.	3.5	15
13	Palmitoylation of Membrane-Penetrating Magainin Derivatives Reinforces Necroptosis in A549 Cells Dependent on Peptide Conformational Propensities. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56815-56829.	8.0	14
14	Quantitative sequence-activity modeling of antimicrobial hexapeptides using a segmented principal component strategy: an approach to describe and predict activities of peptide drugs containing l/d and unnatural residues. <i>Amino Acids</i> , 2015, 47, 125-134.	2.7	11
15	Cationic Antimicrobial Peptides (AMPs): Thermodynamic Characterization of Peptide-Lipid Interactions and Biological Efficacy of Surface-Tethered Peptides. <i>ChemistryOpen</i> , 2015, 4, 389-393.	1.9	10
16	High-Performance Liquid Chromatography and Mass Spectrometry-Based Design of Proteolytically Stable Antimicrobial Peptides. <i>Methods in Molecular Biology</i> , 2017, 1548, 61-71.	0.9	10
17	Molecular Dynamics Simulation and Analysis of the Antimicrobial Peptide-Lipid Bilayer Interactions. <i>Methods in Molecular Biology</i> , 2017, 1548, 103-118.	0.9	8
18	Highly efficient and versatile one-pot synthesis of substituted thienylidene compounds. <i>Journal of Sulfur Chemistry</i> , 2005, 26, 245-250.	2.0	7

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19	Synthesis and Thermodynamic Characterization of Small Cyclic Antimicrobial Arginine and Tryptophan-Rich Peptides with Selectivity for Gram-Negative Bacteria. <i>Methods in Molecular Biology</i> , 2010, 618, 87-109.	0.9	7
20	Endocytosis Involved α -Oligopeptide of Tryptophan and Arginine Displays Ordered Nanostructures and Cancer Cell Stereoselective Toxicity by Autophagy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14928-14943.	8.0	3
21	Aggregation vs. Fusion of Negatively Charged Lipid Bilayers Induced by Bactenecin and Magainin Derivatives. <i>Biophysical Journal</i> , 2018, 114, 453a.	0.5	1
22	Turn-folded magainin lipopeptide analog induces cytoplasmic vacuoles in MDA-MB-231 cells through G2-phase arrest. <i>Biochemical and Biophysical Research Communications</i> , 2021, 583, 199-205.	2.1	1
23	An Intriguing Effect of Lithium Perchlorate Dispersed on Silica Gel in the Bromination of Aromatic Compounds by N-Bromosuccinimide. <i>ChemInform</i> , 2005, 36, no.	0.0	0