

Marina Berditsch

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

881
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1718
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage of the Bacterial Cell Envelope by Antimicrobial Peptides Gramicidin S and PGLa as Revealed by Transmission and Scanning Electron Microscopy. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3132-3142.	3.2	417
2	Controlling Biological Activity with Light: Diarylethene-Containing Cyclic Peptidomimetics. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3392-3395.	13.8	140
3	Synergistic Effect of Membrane-Active Peptides Polymyxin B and Gramicidin S on Multidrug-Resistant Strains and Biofilms of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5288-5296.	3.2	88
4	The Ability of <i>Aneurinibacillus migulanus</i> (<i>Bacillus brevis</i>) To Produce the Antibiotic Gramicidin S Is Correlated with Phenotype Variation. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6620-6628.	3.1	54
5	Lactam-Stapled Cell-Penetrating Peptides: Cell Uptake and Membrane Binding Properties. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8071-8082.	6.4	38
6	Supreme activity of gramicidin S against resistant, persistent and biofilm cells of staphylococci and enterococci. <i>Scientific Reports</i> , 2019, 9, 17938.	3.3	30
7	Therapeutic Potential of Gramicidin S in the Treatment of Root Canal Infections. <i>Pharmaceuticals</i> , 2016, 9, 56.	3.8	27
8	Antimicrobial peptide gramicidin S is accumulated in granules of producer cells for storage of bacterial phosphagens. <i>Scientific Reports</i> , 2017, 7, 44324.	3.3	16
9	Scaling the Amphiphilic Character and Antimicrobial Activity of Gramicidin S by Dihydroxylation or Ketal Formation. <i>Journal of Organic Chemistry</i> , 2017, 82, 12366-12376.	3.2	15
10	Antimicrobial Peptides can Enhance the Risk of Persistent Infections. <i>Frontiers in Immunology</i> , 2012, 3, 222.	4.8	8
11	Fermentation and Cost-Effective ¹³ C/ ¹⁵ N Labeling of the Nonribosomal Peptide Gramicidin S for Nuclear Magnetic Resonance Structure Analysis. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3593-3603.	3.1	5
12	Probing and Manipulating the Lateral Pressure Profile in Lipid Bilayers Using Membrane-Active Peptides—A Solid-State ¹⁹ F NMR Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4544.	4.1	3
13	Innen-1/4cktitelbild: Controlling Biological Activity with Light: Diarylethene-Containing Cyclic Peptidomimetics (<i>Angew. Chem.</i> 13/2014). <i>Angewandte Chemie</i> , 2014, 126, 3589-3589.	2.0	0