

Ludger StÄöndker

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,397
citations

331259

21
h-index

288905

40
g-index

41
all docs

41
docs citations

41
times ranked

2833
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Activities against Biofilms of the Pathogenic Yeast <i>Candida albicans</i> of Optimized Pom-1 Derivatives. <i>Pharmaceutics</i> , 2022, 14, 318.	2.0	5
2	Combination of Six Individual Derivatives of the Pom-1 Antibiofilm Peptide Doubles Their Efficacy against Invasive and Multi-Resistant Clinical Isolates of the Pathogenic Yeast <i>Candida albicans</i> . <i>Pharmaceutics</i> , 2022, 14, 1332.	2.0	2
3	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2694-2708.	5.7	23
4	Natural cystatin C fragments inhibit GPR15-mediated HIV and SIV infection without interfering with GPR15L signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
5	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , 2021, 12, 1726.	5.8	86
6	Antimicrobial Peptides Pom-1 and Pom-2 from <i>Pomacea poeyana</i> Are Active against <i>Candida auris</i> , <i>C. parapsilosis</i> and <i>C. albicans</i> Biofilms. <i>Pathogens</i> , 2021, 10, 496.	1.2	13
7	Antimicrobial Activity of Cyclic-Monomeric and Dimeric Derivatives of the Snail-Derived Peptide Cm-p5 against Viral and Multidrug-Resistant Bacterial Strains. <i>Biomolecules</i> , 2021, 11, 745.	1.8	6
8	Delivery by Dendritic Mesoporous Silica Nanoparticles Enhances the Antimicrobial Activity of a Napsin-Derived Peptide Against Intracellular <i>Mycobacterium tuberculosis</i> . <i>Advanced Healthcare Materials</i> , 2021, 10, e2100453.	3.9	13
9	Computational modeling and experimental validation of the EPI-X4/CXCR4 complex allows rational design of small peptide antagonists. <i>Communications Biology</i> , 2021, 4, 1113.	2.0	20
10	Host defense peptides as immunomodulators: The other side of the coin. <i>Peptides</i> , 2021, 146, 170644.	1.2	11
11	Discovery, Optimization, and Clinical Application of Natural Antimicrobial Peptides. <i>Biomedicines</i> , 2021, 9, 1381.	1.4	24
12	Microtiter plate-based antibody-competition assay to determine binding affinities and plasma/blood stability of CXCR4 ligands. <i>Scientific Reports</i> , 2020, 10, 16036.	1.6	17
13	Respiratory ÅŸ-2-Microglobulin exerts pH dependent antimicrobial activity. <i>Virulence</i> , 2020, 11, 1402-1414.	1.8	9
14	New Antibacterial Peptides from the Freshwater Mollusk <i>Pomacea poeyana</i> (Pilsbry, 1927). <i>Biomolecules</i> , 2020, 10, 1473.	1.8	15
15	Derivates of the Antifungal Peptide Cm-p5 Inhibit Development of <i>Candida auris</i> Biofilms In Vitro. <i>Antibiotics</i> , 2020, 9, 363.	1.5	22
16	A Cerberus-Inspired Anti-Infective Multicomponent Gatekeeper Hydrogel against Infections with the Emerging ÅœSuperbugÅ• Yeast <i>Candida auris</i> . <i>Macromolecular Bioscience</i> , 2020, 20, e2000005.	2.1	17
17	A Placenta Derived C-Terminal Fragment of Å²-Hemoglobin With Combined Antibacterial and Antiviral Activity. <i>Frontiers in Microbiology</i> , 2020, 11, 508.	1.5	23
18	Unbiased Identification of Angiogenin as an Endogenous Antimicrobial Protein With Activity Against Virulent <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 618278.	1.5	10

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19	Design of a Helical-Stabilized, Cyclic, and Nontoxic Analogue of the Peptide Cm-p5 with Improved Antifungal Activity. <i>ACS Omega</i> , 2019, 4, 19081-19095.	1.6	26
20	Exploiting the human peptidome for novel antimicrobial and anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2719-2726.	1.4	34
21	PhcrTx2, a New Crab-Paralyzing Peptide Toxin from the Sea Anemone <i>Phymanthus crucifer</i> . <i>Toxins</i> , 2018, 10, 72.	1.5	7
22	Discovery and Characterization of an Endogenous CXCR4 Antagonist. <i>Cell Reports</i> , 2015, 11, 737-747.	2.9	80
23	Discovery of modulators of HIV-1 infection from the human peptidome. <i>Nature Reviews Microbiology</i> , 2014, 12, 715-722.	13.6	36
24	A novel sea anemone peptide that inhibits acid-sensing ion channels. <i>Peptides</i> , 2014, 53, 3-12.	1.2	54
25	Peptide nanofibrils boost retroviral gene transfer and provide a rapid means for concentrating viruses. <i>Nature Nanotechnology</i> , 2013, 8, 130-136.	15.6	125
26	A Peptide Inhibitor of Cytomegalovirus Infection from Human Hemofiltrate. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4751-4760.	1.4	27
27	Naturally Occurring Fragments from Two Distinct Regions of the Prostatic Acid Phosphatase Form Amyloidogenic Enhancers of HIV Infection. <i>Journal of Virology</i> , 2012, 86, 1244-1249.	1.5	90
28	Combining multidimensional liquid chromatography and MALDI-TOF-MS for the fingerprint analysis of secreted peptides from the unexplored sea anemone species <i>Phymanthus crucifer</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 903, 30-39.	1.2	13
29	Short-Term Monotherapy in HIV-Infected Patients with a Virus Entry Inhibitor Against the gp41 Fusion Peptide. <i>Science Translational Medicine</i> , 2010, 2, 63re3.	5.8	70
30	CgNa, a type I toxin from the giant Caribbean sea anemone <i>Condylactis gigantea</i> shows structural similarities to both type I and II toxins, as well as distinctive structural and functional properties. <i>Biochemical Journal</i> , 2007, 406, 67-76.	1.7	24
31	Discovery and Optimization of a Natural HIV-1 Entry Inhibitor Targeting the gp41 Fusion Peptide. <i>Cell</i> , 2007, 129, 263-275.	13.5	244
32	Semen-Derived Amyloid Fibrils Drastically Enhance HIV Infection. <i>Cell</i> , 2007, 131, 1059-1071.	13.5	510
33	A new toxin from the sea anemone <i>Condylactis gigantea</i> with effect on sodium channel inactivation. <i>Toxicon</i> , 2006, 48, 211-220.	0.8	43
34	Human hemoglobin-derived peptides exhibit antimicrobial activity: a class of host defense peptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 791, 345-356.	1.2	127
35	Hemofiltrate CC Chemokine 1 [9-74] Causes Effective Internalization of CCR5 and Is a Potent Inhibitor of R5-Tropic Human Immunodeficiency Virus Type 1 Strains in Primary T Cells and Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 982-990.	1.4	37
36	Purification of novel peptide antibiotics from human milk. <i>Biomedical Applications</i> , 2001, 752, 369-377.	1.7	78

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37	Natural Proteolytic Processing of Hemofiltrate Cc Chemokine 1 Generates a Potent Cc Chemokine Receptor (Ccr)1 and Ccr5 Agonist with Anti-HIV Properties. Journal of Experimental Medicine, 2000, 192, 1501-1508.	4.2	138
38	Composition of the peptide fraction in human blood plasma: database of circulating human peptides. Biomedical Applications, 1999, 726, 25-35.	1.7	171
39	Novel Glycosylated Forms of Human Plasma Endostatin and Circulating Endostatin-Related Fragments of Collagen XVâ€. Biochemistry, 1999, 38, 10217-10224.	1.2	57
40	Peptide bank generated by large-scale preparation of circulating human peptides. Journal of Chromatography A, 1997, 776, 125-132.	1.8	72