

Ludger Stndker

List of Publications by Year in Descending Order

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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.

38

papers

1,821

citations

19

h-index

41

g-index

41

ext. papers

2,146

ext. citations

10

avg, IF

3.73

L-index

#	Paper	IF	Citations
38	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2694-2708	15.5	6
37	Discovery, Optimization, and Clinical Application of Natural Antimicrobial Peptides. <i>Biomedicines</i> , 2021 , 9,	4.8	2
36	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , 2021 , 12, 1726	17.4	32
35	Antimicrobial Peptides Pom-1 and Pom-2 from <i>Acetivibrio</i> are Active against <i>Pseudomonas aeruginosa</i> and Biofilms. <i>Pathogens</i> , 2021 , 10,	4.5	3
34	Delivery by Dendritic Mesoporous Silica Nanoparticles Enhances the Antimicrobial Activity of a Napsin-Derived Peptide Against Intracellular Mycobacterium tuberculosis. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100453	10.1	5
33	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,	11.5	2
32	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	6.7	2
31	Host defense peptides as immunomodulators: The other side of the coin. <i>Peptides</i> , 2021 , 146, 170644	3.8	2
30	New Antibacterial Peptides from the Freshwater Mollusk (<i>Pilsbry, 1927</i>). <i>Biomolecules</i> , 2020 , 10,	5.9	5
29	Derivates of the Antifungal Peptide Cm-p5 Inhibit Development of Biofilms In Vitro. <i>Antibiotics</i> , 2020 , 9,	4.9	7
28	A Cerberus-Inspired Anti-Infective Multicomponent Gatekeeper Hydrogel against Infections with the Emerging "Superbug" Yeast <i>Candida auris</i> . <i>Macromolecular Bioscience</i> , 2020 , 20, e2000005	5.5	9
27	A Placenta Derived C-Terminal Fragment of β -Hemoglobin With Combined Antibacterial and Antiviral Activity. <i>Frontiers in Microbiology</i> , 2020 , 11, 508	5.7	17
26	Microtiter plate-based antibody-competition assay to determine binding affinities and plasma/blood stability of CXCR4 ligands. <i>Scientific Reports</i> , 2020 , 10, 16036	4.9	5
25	Respiratory β -Microglobulin exerts pH dependent antimicrobial activity. <i>Virulence</i> , 2020 , 11, 1402-1414	4.7	2
24	Unbiased Identification of Angiogenin as an Endogenous Antimicrobial Protein With Activity Against Virulent. <i>Frontiers in Microbiology</i> , 2020 , 11, 618278	5.7	4
23	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	3.9	14
22	Exploiting the human peptidome for novel antimicrobial and anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 2719-2726	3.4	22

21	PhcrTx2, a New Crab-Paralyzing Peptide Toxin from the Sea Anemone <i>Phymanthus crucifer</i> . <i>Toxins</i> , 2018 , 10,	4.9	5
20	Discovery and characterization of an endogenous CXCR4 antagonist. <i>Cell Reports</i> , 2015 , 11, 737-47	10.6	56
19	Discovery of modulators of HIV-1 infection from the human peptidome. <i>Nature Reviews Microbiology</i> , 2014 , 12, 715-22	22.2	23
18	A novel sea anemone peptide that inhibits acid-sensing ion channels. <i>Peptides</i> , 2014 , 53, 3-12	3.8	41
17	Peptide nanofibrils boost retroviral gene transfer and provide a rapid means for concentrating viruses. <i>Nature Nanotechnology</i> , 2013 , 8, 130-6	28.7	102
16	A peptide inhibitor of cytomegalovirus infection from human hemofiltrate. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4751-60	5.9	26
15	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, 30-9	3.2	13
14	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, 1244-9	6.6	74
13	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	17.5	61
12	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(1). <i>Biochemical Journal</i> , 2007 , 406, 67-76	3.8	19
11	Discovery and optimization of a natural HIV-1 entry inhibitor targeting the gp41 fusion peptide. <i>Cell</i> , 2007 , 129, 263-75	56.2	206
10	Semen-derived amyloid fibrils drastically enhance HIV infection. <i>Cell</i> , 2007 , 131, 1059-71	56.2	424
9	A new toxin from the sea anemone <i>Condylactis gigantea</i> with effect on sodium channel inactivation. <i>Toxicon</i> , 2006 , 48, 211-20	2.8	38
8	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, 345-56	3.2	98
7	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, 982-90	5.9	33
6	Purification of novel peptide antibiotics from human milk. <i>Biomedical Applications</i> , 2001 , 752, 369-77		69
5	Natural proteolytic processing of hemofiltrate CC chemokine 1 generates a potent CC chemokine receptor (CCR)1 and CCR5 agonist with anti-HIV properties. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1501-8	16.6	126
4	Composition of the peptide fraction in human blood plasma: database of circulating human peptides. <i>Biomedical Applications</i> , 1999 , 726, 25-35		149

- 3 Novel glycosylated forms of human plasma endostatin and circulating endostatin-related fragments of collagen XV. *Biochemistry*, **1999**, 38, 10217-24 3.2 51
- 2 Peptide bank generated by large-scale preparation of circulating human peptides. *Journal of Chromatography A*, **1997**, 776, 125-32 4.5 63
- 1 An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation