Paul R Hansen

List of Publications by Citations

64 papers	1,205 citations	21 h-index	32 g-index
72 ext. papers	1,637 ext. citations	4.3 avg, IF	4.79 L-index

#	Paper	IF	Citations
64	Advances in Development of Antimicrobial Peptidomimetics as Potential Drugs. *Molecules*, **2017**, 22,	4.8	136
63	Correlation between hemolytic activity, cytotoxicity and systemic in vivo toxicity of synthetic antimicrobial peptides. *Scientific Reports*, **2020**, 10, 13206	4.9	64
62	Synthesis of 2-Acetamido-2-deoxy-β-d-glucopyranose O-Glycopeptides from N-Dithiasuccinoyl-Protected Derivatives1-3. *Journal of the American Chemical Society*, **1996**, 118, 3148-3155	16.4	61
61	Protective CD4 T cells targeting cryptic epitopes of Mycobacterium tuberculosis resist infection-driven terminal differentiation. *Journal of Immunology*, **2014**, 192, 3247-58	5.3	53
60	Rational design of alpha-helical antimicrobial peptides: do's and don'ts. *ChemBioChem*, **2015**, 16, 242-53	3.8	49
59	Antimicrobial activities of twenty lysine-peptoid hybrids against clinically relevant bacteria and fungi. *Chemotherapy*, **2008**, 54, 152-6	3.2	48
58	Hemolytic Activity of Antimicrobial Peptides. *Methods in Molecular Biology*, **2017**, 1548, 427-435	1.4	43
57	Structure-activity relationship study of anoplin. *Journal of Peptide Science*, **2005**, 11, 113-21	2.1	40
56	Fmoc Solid-Phase Peptide Synthesis. *Methods in Molecular Biology*, **2015**, 1348, 33-50	1.4	38
55	Structure--activity study of the antibacterial peptide fallaxin. *Protein Science*, **2007**, 16, 1969-76	6.3	33
54	Novel lysine-peptoid hybrids with antibacterial properties. *Journal of Peptide Science*, **2005**, 11, 727-34	2.1	33
53	The chaperone and potential mannan-binding lectin (MBL) co-receptor calreticulin interacts with MBL through the binding site for MBL-associated serine proteases. *FEBS Journal*, **2008**, 275, 515-26	5.7	32
52	Synthetic analogs of anoplin show improved antimicrobial activities. *Journal of Peptide Science*, **2013**, 19, 669-75	2.1	30
51	Lysine-Based α-Peptide/β-Peptoid Peptidomimetics: Influence of Hydrophobicity, Fluorination, and Distribution of Cationic Charge on Antimicrobial Activity and Cytotoxicity. *ChemMedChem*, **2017**, 12, 312-318	3.7	28
50	The antimicrobial lysine-peptoid hybrid LP5 inhibits DNA replication and induces the SOS response in Staphylococcus aureus. *BMC Microbiology*, **2013**, 13, 192	4.5	26
49	An Amphipathic Undecapeptide with All d-Amino Acids Shows Promising Activity against Colistin-Resistant Strains of Acinetobacter baumannii and a Dual Mode of Action. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 592-9	5.9	25
48	Peptide binding specificity of the chaperone calreticulin. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2007**, 1774, 701-13	4	24

47	Potent antibacterial lysine-peptoid hybrids identified from a positional scanning combinatorial library. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 4444-51	3.4	24
46	Peptides, Antibodies, Peptide Antibodies and More. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	24
45	Biopolymer nanogels improve antibacterial activity and safety profile of a novel lysine-based β-peptide/α-peptoid peptidomimetic. *European Journal of Pharmaceutics and Biopharmaceutics*, **2018**, 128, 1-9	5.7	23
44	Cross-reactivity of a human IgG α-anticitrullinated fibrinogen monoclonal antibody to a citrullinated profilaggrin peptide. *Protein Science*, **2012**, 21, 1929-41	6.3	22
43	Review on Abyssomicins: Inhibitors of the Chorismate Pathway and Folate Biosynthesis. *Molecules*, **2018**, 23,	4.8	21
42	Identification of continuous epitopes of HuD antibodies related to paraneoplastic diseases/small cell lung cancer. *Journal of Neuroimmunology*, **2012**, 243, 25-33	3.5	20
41	Contribution of Peptide Backbone to Anti-Citrullinated Peptide Antibody Reactivity. *PLoS ONE*, **2015**, 10, e0144707	3.7	20
40	Halogenation as a tool to tune antimicrobial activity of peptoids. *Scientific Reports*, **2020**, 10, 14805	4.9	15
39	Amphibian antimicrobial peptide fallaxin analogue FL9 affects virulence gene expression and DNA replication in Staphylococcus aureus. *Journal of Medical Microbiology*, **2015**, 64, 1504-1513	3.2	14
38	A biophysical study of the interactions between the antimicrobial peptide indolicidin and lipid model systems. *Biochimica Et Biophysica Acta - Biomembranes*, **2019**, 1861, 1355-1364	3.8	13
37	The prototypical proton-coupled oligopeptide transporter YdgR from facilitates chloramphenicol uptake into bacterial cells. *Journal of Biological Chemistry*, **2018**, 293, 1007-1017	5.4	13
36	Characterization, mechanism of action and optimization of activity of a novel peptide-peptoid hybrid against bacterial pathogens involved in canine skin infections. *Scientific Reports*, **2019**, 9, 3679	4.9	12
35	The effect of glycine replacement with flexible β-amino acids on the antimicrobial and haemolytic activity of an amphipathic cyclic heptapeptide. *European Journal of Medicinal Chemistry*, **2015**, 102, 574-81	6.8	12
34	Linear peptidomimetics as potent antagonists of Staphylococcus aureus agr quorum sensing. *Scientific Reports*, **2018**, 8, 3562	4.9	12
33	[(64) Cu]-labelled trastuzumab: optimisation of labelling by DOTA and NODAGA conjugation and initial evaluation in mice. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2015**, 58, 227-33	1.9	12
32	Fine mapping of a monoclonal antibody to the N-Methyl D-aspartate receptor reveals a short linear epitope. *Biopolymers*, **2012**, 98, 567-75	2.2	12
31	Fast and efficient characterization of an anti-gliadin monoclonal antibody epitope related to celiac disease using resin-bound peptides. *Journal of Immunological Methods*, **2011**, 365, 174-82	2.5	12
30	Antimicrobial Activity of β-Peptide/α-Peptoid Lysine-Based Peptidomimetics Against Colistin-Resistant Isolated From Cystic Fibrosis Patients. *Frontiers in Microbiology*, **2019**, 10, 275	5.7	11

29	Peptide/Peptoid Hybrid Oligomers: The Influence of Hydrophobicity and Relative Side-Chain Length on Antibacterial Activity and Cell Selectivity. *Molecules*, **2019**, 24,	4.8	11
28	Broadening CD4 and CD8 T Cell Responses against Hepatitis C Virus by Vaccination with NS3 Overlapping Peptide Panels in Cross-Priming Liposomes. *Journal of Virology*, **2017**, 91,	6.6	10
27	Chemical Synthesis of Antimicrobial Peptides. *Methods in Molecular Biology*, **2017**, 1548, 35-49	1.4	10
26	Peptide macrocycles featuring a backbone secondary amine: a convenient strategy for the synthesis of lipidated cyclic and bicyclic peptides on solid support. *Organic Letters*, **2015**, 17, 2502-5	6.2	9
25	Identification and mapping of a linear epitope of centromere protein F using monoclonal antibodies. *Journal of Peptide Science*, **2013**, 19, 95-101	2.1	9
24	Several hPepT1-transported drugs are substrates of the Escherichia coli proton-coupled oligopeptide transporter YdgR. *Research in Microbiology*, **2017**, 168, 443-449	4	8
23	Analogues of a Cyclic Antimicrobial Peptide with a Flexible Linker Show Promising Activity against and. *Antibiotics*, **2020**, 9,	4.9	7
22	Structural features of peptoid-peptide hybrids in lipid-water interfaces. *FEBS Letters*, **2014**, 588, 3291-7	3.8	7
21	Efficient regioselective ring opening of activated aziridine-2-carboxylates with [(18)f]fluoride. *ChemistryOpen*, **2015**, 4, 65-71	2.3	7
20	Solid-phase peptide synthesis on proteins. *International Journal of Peptide and Protein Research*, **1993**, 41, 237-45		7
19	Alternating Cationic-Hydrophobic Peptide/Peptoid Hybrids: Influence of Hydrophobicity on Antibacterial Activity and Cell Selectivity. *ChemMedChem*, **2020**, 15, 2544-2561	3.7	7
18	Modulation of Backbone Flexibility for Effective Dissociation of Antibacterial and Hemolytic Activity in Cyclic Peptides. *ACS Medicinal Chemistry Letters*, **2016**, 7, 741-5	4.3	7
17	Fluorinated antimicrobial lysine-based peptidomimetics with activity against methicillin-resistant Staphylococcus pseudintermedius. *Journal of Peptide Science*, **2018**, 24, e3098	2.1	7
16	Structure?Activity Study, Characterization, and Mechanism of Action of an Antimicrobial Peptoid D2 and Its d- and l-Peptide Analogues. *Molecules*, **2019**, 24,	4.8	6
15	In Vitro ADME Properties of Two Novel Antimicrobial Peptoid-Based Compounds as Potential Agents against Canine Pyoderma. *Molecules*, **2018**, 23,	4.8	5
14	Synthesis of antimicrobial peptoids. *Methods in Molecular Biology*, **2013**, 1047, 151-9	1.4	5
13	Fluorescent Analogues of Human Calcitonin Gene-Related Peptide with Potent Vasodilator Activity. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4
12	Novel Cyclic Lipopeptide Antibiotics: Effects of Acyl Chain Length and Position. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4

List of Publications

11	Specificity of Anti-Citrullinated Protein Antibodies in Rheumatoid Arthritis. *Antibodies*, **2019**, 8,	7	3
10	Identification and fine mapping of a linear B cell epitope of human vimentin. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2014**, 74, 506-14	2	3
9	Identification of a linear epitope recognized by a monoclonal antibody directed to the heterogeneous nucleoriboprotein A2. *Protein and Peptide Letters*, **2014**, 21, 25-31	1.9	3
8	Dual High-Resolution Glucosidase and PTP1B Inhibition Profiling Combined with HPLC-PDA-HRMS-SPE-NMR Analysis for the Identification of Potentially Antidiabetic Chromene Meroterpenoids from. *Journal of Natural Products*, **2021**, 84, 2454-2467	4.9	3
7	Synthesis of Peptoids Containing Multiple htrp and trp Residues: A Comparative Study of Resin, Cleavage Conditions and Submonomer Protection. *Frontiers in Chemistry*, **2020**, 8, 370	5	2
6	Structure Elucidation of Prenyl- and Geranyl-Substituted Coumarins in by NMR Spectroscopy, Electronic Circular Dichroism Calculations, and Single Crystal X-ray Crystallography. *Molecules*, **2020** , 25,	4.8	2
5	Fine Mapping of Glutamate Decarboxylase 65 Epitopes Reveals Dependency on Hydrophobic Amino Acids for Specific Interactions. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	1
4	Characterization of Synthetic Peptides by Mass Spectrometry. *Methods in Molecular Biology*, **2015**, 1348, 77-82	1.4	1
3	Bovine serum albumin: A new support for solid-phase peptide synthesis **1992**, 637-638		1
2	Peptide-Carrier Conjugation. *Methods in Molecular Biology*, **2015**, 1348, 51-7	1.4	0
1	Perfluoro-tert-butanol for selective on-resin detritylation: a mild alternative to traditionally used methods. *Amino Acids*, **2021**, 53, 1455-1466	3.5	0