

Evan F Haney

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,229
citations

172457

29
h-index

206112

48
g-index

52
all docs

52
docs citations

52
times ranked

6689
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiofilm and immunomodulatory resorbable nanofibrous filing for dental pulp regenerative procedures. <i>Bioactive Materials</i> , 2022, 16, 173-186.	15.6	13
2	Addressing Antibiotic Failure—Beyond Genetically Encoded Antimicrobial Resistance. <i>Frontiers in Drug Discovery</i> , 2022, 2, .	2.8	10
3	Microtiter plate assays to assess antibiofilm activity against bacteria. <i>Nature Protocols</i> , 2021, 16, 2615-2632.	12.0	58
4	Assessing biofilm inhibition and immunomodulatory activity of small amounts of synthetic host defense peptides synthesized using SPOT-array technology. <i>Nature Protocols</i> , 2021, 16, 1850-1870.	12.0	5
5	Antibiofilm activity of host defence peptides: complexity provides opportunities. <i>Nature Reviews Microbiology</i> , 2021, 19, 786-797.	28.6	129
6	Rapid Assembly of Infection-Resistant Coatings: Screening and Identification of Antimicrobial Peptides Works in Cooperation with an Antifouling Background. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36784-36799.	8.0	21
7	Identification of a crocodylian β -defensin variant from Alligator mississippiensis with antimicrobial and antibiofilm activity. <i>Peptides</i> , 2021, 141, 170549.	2.4	8
8	Enzymatically releasable polyethylene glycol α host defense peptide conjugates with improved activity and biocompatibility. <i>Journal of Controlled Release</i> , 2021, 339, 220-231.	9.9	8
9	Human organoid biofilm model for assessing antibiofilm activity of novel agents. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 8.	6.4	33
10	Cathelicidin Host Defense Peptides and Inflammatory Signaling: Striking a Balance. <i>Frontiers in Microbiology</i> , 2020, 11, 1902.	3.5	53
11	Selective anticancer activity of synthetic peptides derived from the host defence peptide tritrpticin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183228.	2.6	20
12	EcDBS1R6: A novel cationic antimicrobial peptide derived from a signal peptide sequence. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129633.	2.4	12
13	Identification of an IDR peptide formulation candidate that prevents peptide aggregation and retains immunomodulatory activity. <i>Peptide Science</i> , 2019, 111, e24077.	1.8	11
14	Influence of Non-natural Cationic Amino Acids on the Biological Activity Profile of Innate Defense Regulator Peptides. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10294-10304.	6.4	11
15	Short Cationic Peptide Derived from Archaea with Dual Antibacterial Properties and Anti-Infective Potential. <i>ACS Infectious Diseases</i> , 2019, 5, 1081-1086.	3.8	37
16	Reassessing the Host Defense Peptide Landscape. <i>Frontiers in Chemistry</i> , 2019, 7, 43.	3.6	251
17	Aurein-Derived Antimicrobial Peptides Formulated with Pegylated Phospholipid Micelles to Target Methicillin-Resistant <i>Staphylococcus aureus</i> Skin Infections. <i>ACS Infectious Diseases</i> , 2019, 5, 443-453.	3.8	48
18	In silico optimization of a guava antimicrobial peptide enables combinatorial exploration for peptide design. <i>Nature Communications</i> , 2018, 9, 1490.	12.8	179

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19	Computer-aided Discovery of Peptides that Specifically Attack Bacterial Biofilms. <i>Scientific Reports</i> , 2018, 8, 1871.	3.3	92
20	Bone Environment Influences Irreversible Adhesion of a Methicillin-Susceptible <i>Staphylococcus aureus</i> Strain. <i>Frontiers in Microbiology</i> , 2018, 9, 2865.	3.5	18
21	Impact of Host Defense Peptides on Chronic Wounds and Infections. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018, , 3-19.	0.1	6
22	Critical Assessment of Methods to Quantify Biofilm Growth and Evaluate Antibiofilm Activity of Host Defence Peptides. <i>Biomolecules</i> , 2018, 8, 29.	4.0	170
23	Host defense (antimicrobial) peptides. , 2018, , 253-285.		28
24	Antimicrobial Peptides: An Introduction. <i>Methods in Molecular Biology</i> , 2017, 1548, 3-22.	0.9	197
25	Aggregation and Its Influence on the Immunomodulatory Activity of Synthetic Innate Defense Regulator Peptides. <i>Cell Chemical Biology</i> , 2017, 24, 969-980.e4.	5.2	45
26	Anticancer activities of bovine and human lactoferricin-derived peptides. <i>Biochemistry and Cell Biology</i> , 2017, 95, 91-98.	2.0	70
27	The immunology of host defence peptides: beyond antimicrobial activity. <i>Nature Reviews Immunology</i> , 2016, 16, 321-334.	22.7	692
28	Mastoparan is a membranolytic anti-cancer peptide that works synergistically with gemcitabine in a mouse model of mammary carcinoma. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 3195-3204.	2.6	57
29	A new cryptic cationic antimicrobial peptide from human apolipoprotein E with antibacterial activity and immunomodulatory effects on human cells. <i>FEBS Journal</i> , 2016, 283, 2115-2131.	4.7	54
30	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
31	High throughput screening methods for assessing antibiofilm and immunomodulatory activities of synthetic peptides. <i>Peptides</i> , 2015, 71, 276-285.	2.4	89
32	Toward Infection-Resistant Surfaces: Achieving High Antimicrobial Peptide Potency by Modulating the Functionality of Polymer Brush and Peptide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28591-28605.	8.0	73
33	Enhanced killing of breast cancer cells by a d-amino acid analog of the winter flounder-derived pleurocidin NRC-03. <i>Experimental and Molecular Pathology</i> , 2015, 99, 426-434.	2.1	23
34	Broad-Spectrum Anti-biofilm Peptide That Targets a Cellular Stress Response. <i>PLoS Pathogens</i> , 2014, 10, e1004152.	4.7	433
35	Bovine and human lactoferricin peptides: chimeras and new cyclic analogs. <i>BioMetals</i> , 2014, 27, 935-948.	4.1	25
36	Mechanism of action of puroidoline derived tryptophan-rich antimicrobial peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1802-1813.	2.6	95

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37	Characterization of a Proteolytically Stable Multifunctional Host Defense Peptidomimetic. <i>Chemistry and Biology</i> , 2013, 20, 1286-1295.	6.0	39
38	Peptide design for antimicrobial and immunomodulatory applications. <i>Biopolymers</i> , 2013, 100, 572-583.	2.4	231
39	Influence of specific amino acid side-chains on the antimicrobial activity and structure of bovine lactoferrampin ¹ This article is part of Special Issue entitled Lactoferrin and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2012, 90, 362-377.	2.0	14
40	Structural and biophysical characterization of an antimicrobial peptide chimera comprised of lactoferricin and lactoferrampin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 762-775.	2.6	53
41	Design of a novel tryptophan-rich membrane-active antimicrobial peptide from the membrane-proximal region of the HIV glycoprotein, gp41. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1172-1184.	2.2	22
42	Towards understanding the Tat translocation mechanism through structural and biophysical studies of the amphipathic region of TatA from <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2289-2296.	2.6	14
43	The expanding scope of antimicrobial peptide structures and their modes of action. <i>Trends in Biotechnology</i> , 2011, 29, 464-472.	9.3	1,255
44	Sortase A as a tool for high-yield histatin cyclization. <i>FASEB Journal</i> , 2011, 25, 2650-2658.	0.5	83
45	Induction of non-lamellar lipid phases by antimicrobial peptides: a potential link to mode of action. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 82-93.	3.2	102
46	Structural Investigations of an Amphipathic Region of the Twin-Arginine Translocase Tata Subunit. <i>Biophysical Journal</i> , 2010, 98, 625a.	0.5	0
47	Novel lactoferrampin antimicrobial peptides derived from human lactoferrin. <i>Biochimie</i> , 2009, 91, 141-154.	2.6	71
48	Solution NMR studies of amphibian antimicrobial peptides: Linking structure to function?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1639-1655.	2.6	140
49	Chapter 1 NMR of Antimicrobial Peptides. <i>Annual Reports on NMR Spectroscopy</i> , 2009, 65, 1-51.	1.5	21
50	Solution structures and model membrane interactions of lactoferrampin, an antimicrobial peptide derived from bovine lactoferrin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2355-2364.	2.6	79
51	Assessing the Activity of Antimicrobial Peptides Against Common Marine Bacteria Located in Rotifer (<i>Brachionus plicatilis</i>) Cultures. <i>Probiotics and Antimicrobial Proteins</i> , 0, , .	3.9	0