

Yen-Hua Huang

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,367
citations

257450

24
h-index

206112

48
g-index

60
all docs

60
docs citations

60
times ranked

2044
citing authors

#	ARTICLE	IF	CITATIONS
19	Enhanced Activity against Multidrug-Resistant Bacteria through Coapplication of an Analogue of Tachyplesin I and an Inhibitor of the QseC/B Signaling Pathway. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3475-3484.	6.4	20
20	Cellular Uptake and Cytosolic Delivery of a Cyclic Cystine Knot Scaffold. <i>ACS Chemical Biology</i> , 2020, 15, 1650-1661.	3.4	14
21	Cell Membrane Composition Drives Selectivity and Toxicity of Designed Cyclic Helix-Loop-Helix Peptides with Cell Penetrating and Tumor Suppressor Properties. <i>ACS Chemical Biology</i> , 2019, 14, 2071-2087.	3.4	15
22	Cyclotides: Disulfide-rich peptide toxins in plants. <i>Toxicon</i> , 2019, 172, 33-44.	1.6	36
23	Characterization of Tachyplesin Peptides and Their Cyclized Analogues to Improve Antimicrobial and Anticancer Properties. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4184.	4.1	38
24	Pharmacokinetic characterization of kalata B1 and related therapeutics built on the cyclotide scaffold. <i>International Journal of Pharmaceutics</i> , 2019, 565, 437-446.	5.2	12
25	Insecticidal spider toxins are high affinity positive allosteric modulators of the nicotinic acetylcholine receptor. <i>FEBS Letters</i> , 2019, 593, 1336-1350.	2.8	23
26	Efficient Enzymatic Cyclization of Disulfide-Rich Peptides by Using Peptide Ligases. <i>ChemBioChem</i> , 2019, 20, 1524-1529.	2.6	22
27	Synthesis, Racemic X-ray Crystallographic, and Permeability Studies of Bioactive Orbitides from <i>Jatropha</i> Species. <i>Journal of Natural Products</i> , 2018, 81, 2436-2445.	3.0	16
28	Understanding the Diversity and Distribution of Cyclotides from Plants of Varied Genetic Origin. <i>Journal of Natural Products</i> , 2017, 80, 1522-1530.	3.0	25
29	Backbone cyclization of analgesic conotoxin GeXIVA facilitates direct folding of the ribbon isomer. <i>Journal of Biological Chemistry</i> , 2017, 292, 17101-17112.	3.4	15
30	Redesigned Spider Peptide with Improved Antimicrobial and Anticancer Properties. <i>ACS Chemical Biology</i> , 2017, 12, 2324-2334.	3.4	43
31	Structural and functional characterization of chimeric cyclotides from the M ^A mbius and trypsin inhibitor subfamilies. <i>Biopolymers</i> , 2017, 108, e22927.	2.4	11
32	Lengths of the C-Terminus and Interconnecting Loops Impact Stability of Spider-Derived Gating Modifier Toxins. <i>Toxins</i> , 2017, 9, 248.	3.4	21
33	Development of cell-penetrating peptide-based drug leads to inhibit MDMX:p53 and MDM2:p53 interactions. <i>Biopolymers</i> , 2016, 106, 853-863.	2.4	29
34	Front Cover: Cyclisation of Disulfide-Rich Conotoxins in Drug Design Applications (<i>Eur. J. Org. Chem.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 254		
35	Cyclisation of Disulfide-Rich Conotoxins in Drug Design Applications. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3462-3472.	2.4	13
36	Inhibition of tau aggregation using a naturally-occurring cyclic peptide scaffold. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 342-349.	5.5	42

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37	Optimization of the cyclotide framework to improve cell penetration properties. <i>Frontiers in Pharmacology</i> , 2015, 6, 17.	3.5	31
38	Design of substrate-based BCR-ABL kinase inhibitors using the cyclotide scaffold. <i>Scientific Reports</i> , 2015, 5, 12974.	3.3	58
39	The Prototypic Cyclotide Kalata B1 Has a Unique Mechanism of Entering Cells. <i>Chemistry and Biology</i> , 2015, 22, 1087-1097.	6.0	71
40	Fmoc-Based Synthesis of Disulfide-Rich Cyclic Peptides. <i>Journal of Organic Chemistry</i> , 2014, 79, 5538-5544.	3.2	110
41	Effects of arginine 10 to lysine substitution on ω -conotoxin CVIE and CVIF block of Ca^{2+} channels. <i>British Journal of Pharmacology</i> , 2014, 171, 3313-3327.	5.4	6
42	Semienzymatic Cyclization of Disulfide-rich Peptides Using Sortase A. <i>Journal of Biological Chemistry</i> , 2014, 289, 6627-6638.	3.4	83
43	Anticancer and Toxic Properties of Cyclotides are Dependent on Phosphatidylethanolamine Phospholipid Targeting. <i>ChemBioChem</i> , 2014, 15, 1956-1965.	2.6	60
44	High-affinity Cyclic Peptide Matriptase Inhibitors. <i>Journal of Biological Chemistry</i> , 2013, 288, 13885-13896.	3.4	122
45	The Antimicrobial Activity of Sub3 is Dependent on Membrane Binding and Cell Penetrating Ability. <i>ChemBioChem</i> , 2013, 14, 2013-2022.	2.6	55
46	Design and characterization of novel antimicrobial peptides, R-BP100 and RW-BP100, with activity against Gram-negative and Gram-positive bacteria. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 944-955.	2.6	144
47	Cyclization of the Antimicrobial Peptide Gomesin with Native Chemical Ligation: Influences on Stability and Bioactivity. <i>ChemBioChem</i> , 2013, 14, 617-624.	2.6	62
48	Cyclotides Suppress Human T-Lymphocyte Proliferation by an Interleukin 2-Dependent Mechanism. <i>PLoS ONE</i> , 2013, 8, e68016.	2.5	67
49	A Novel Quantitative Kinase Assay Using Bacterial Surface Display and Flow Cytometry. <i>PLoS ONE</i> , 2013, 8, e80474.	2.5	20
50	Phosphatidylethanolamine Binding Is a Conserved Feature of Cyclotide-Membrane Interactions. <i>Journal of Biological Chemistry</i> , 2012, 287, 33629-33643.	3.4	115
51	Identification and Characterization of a New Family of Cell-penetrating Peptides. <i>Journal of Biological Chemistry</i> , 2011, 286, 36932-36943.	3.4	159
52	Decoding the Membrane Activity of the Cyclotide Kalata B1. <i>Journal of Biological Chemistry</i> , 2011, 286, 24231-24241.	3.4	155
53	Lysine-scanning Mutagenesis Reveals an Amendable Face of the Cyclotide Kalata B1 for the Optimization of Nematocidal Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 10797-10805.	3.4	99
54	Cyclotide Interactions with the Nematode External Surface. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2160-2166.	3.2	44

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55	Membrane Interactions and the Formation of Multimeric Pores by Cyclotides. <i>Biophysical Journal</i> , 2010, 98, 609a.	0.5	0
56	The Biological Activity of the Prototypic Cyclotide Kalata B1 Is Modulated by the Formation of Multimeric Pores. <i>Journal of Biological Chemistry</i> , 2009, 284, 20699-20707.	3.4	144
57	Cyclotides: Natural, Circular Plant Peptides that Possess Significant Activity against Gastrointestinal Nematode Parasites of Sheep. <i>Biochemistry</i> , 2008, 47, 5581-5589.	2.5	162