

John Howl

List of Publications by Year in descending order

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57
papers

1,177
citations

361413

20
h-index

395702

33
g-index

58
all docs

58
docs citations

58
times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Evaluation of ECV304 as a Human Endothelial Cell Model Defined by Genetic Analysis and Functional Responses: A Comparison with the Human Bladder Cancer Derived Epithelial Cell Line T24/83. <i>Laboratory Investigation</i> , 2000, 80, 37-45.	3.7	170
2	Protein Kinase A-Dependent Step(s) in Hepatitis C Virus Entry and Infectivity. <i>Journal of Virology</i> , 2008, 82, 8797-8811.	3.4	87
3	Growth of normal human hepatocytes in primary culture: Effect of hormones and growth factors on DNA synthesis. <i>Hepatology</i> , 1991, 14, 1076-1082.	7.3	62
4	Characterization of Bioactive Cell Penetrating Peptides from Human Cytochrome c: Protein Mimicry and the Development of a Novel Apoptogenic Agent. <i>Chemistry and Biology</i> , 2010, 17, 735-744.	6.0	51
5	Mitoparan and target-selective chimeric analogues: Membrane translocation and intracellular redistribution induces mitochondrial apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 849-863.	4.1	49
6	Bradykinin receptors as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 277-285.	3.4	40
7	The many futures for cell-penetrating peptides: how soon is now?. <i>Biochemical Society Transactions</i> , 2007, 35, 767-769.	3.4	40
8	Intracellular translocation and differential accumulation of cell-penetrating peptides in bovine spermatozoa: evaluation of efficient delivery vectors that do not compromise human sperm motility. <i>Human Reproduction</i> , 2013, 28, 1874-1889.	0.9	40
9	Biochemical mechanisms of calcium mobilisation induced by mastoparan and chimeric hormone-mastoparan constructs. <i>Cell Calcium</i> , 1998, 24, 27-34.	2.4	36
10	Chimeric strategies for the rational design of bioactive analogs of small peptide hormones. <i>FASEB Journal</i> , 1997, 11, 582-591.	0.5	35
11	Bioportide: an emergent concept of bioactive cell-penetrating peptides. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2951-2966.	5.4	34
12	Charge delocalisation and the design of novel mastoparan analogues: enhanced cytotoxicity and secretory efficacy of [Lys5, Lys8, Aib10]MP. <i>Regulatory Peptides</i> , 2004, 121, 121-128.	1.9	32
13	Biological Applications of the Receptor Mimetic Peptide Mastoparan. <i>Current Protein and Peptide Science</i> , 2006, 7, 501-508.	1.4	31
14	Enantiomer-Specific Bioactivities of Peptidomimetic Analogues of Mastoparan and Mitoparan: Characterization of Inverso Mastoparan as a Highly Efficient Cell Penetrating Peptide. <i>Bioconjugate Chemistry</i> , 2012, 23, 47-56.	3.6	31
15	Bioportides: Bioactive cell-penetrating peptides that modulate cellular dynamics. <i>Biotechnology Journal</i> , 2013, 8, 918-930.	3.5	30
16	Fluorescent and biotinylated linear peptides as selective bifunctional ligands for the V1a vasopressin receptor. <i>FEBS Journal</i> , 1993, 213, 711-719.	0.2	29
17	A synchological cell penetrating peptide mimic of p21WAF1/CIP1 is pro-apoptogenic. <i>Peptides</i> , 2007, 28, 731-740.	2.4	28
18	Intracellular Delivery of Bioactive Peptides to RBL-2H3 Cells Induces β 2-Hexosaminidase Secretion and Phospholipase D Activation. <i>ChemBioChem</i> , 2003, 4, 1312-1316.	2.6	23

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19	Proteomimetic Cell Penetrating Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2008, 14, 359-366.	1.9	23
20	Exploring the effect of exercise training on testicular function. <i>European Journal of Applied Physiology</i> , 2019, 119, 1-8.	2.5	22
21	Insights into the molecular mechanisms of action of bioportides: a strategy to target protein-protein interactions. <i>Expert Reviews in Molecular Medicine</i> , 2015, 17, e1.	3.9	19
22	Cell penetrating peptide-mediated transport enables the regulated secretion of accumulated cargoes from mast cells. <i>Journal of Controlled Release</i> , 2015, 202, 108-117.	9.9	18
23	Intracellular translocation of the decapeptide carboxyl terminal of Gi3± induces the dual phosphorylation of p42/p44 MAP kinases. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1745, 207-214.	4.1	17
24	Effects of vasopressin±mastoparan chimeric peptides on insulin release and G-protein activity. <i>Regulatory Peptides</i> , 1999, 82, 45-51.	1.9	16
25	V1a Vasopressin Receptors: Selective Biotinylated Probes. <i>Methods in Neurosciences</i> , 1993, 13, 281-296.	0.5	15
26	Cell-penetrating peptides, targeting the regulation of store-operated channels, slow decay of the progesterone-induced [Ca2+]isignal in human sperm. <i>Molecular Human Reproduction</i> , 2015, 21, 563-570.	2.8	14
27	Intracellular Target-Specific Accretion of Cell Penetrating Peptides and Bioportides: Ultrastructural and Biological Correlates. <i>Bioconjugate Chemistry</i> , 2016, 27, 121-129.	3.6	14
28	The cationic tetradecapeptide mastoparan as a privileged structure for drug discovery: Enhanced antimicrobial properties of mitoparan analogues modified at position-14. <i>Peptides</i> , 2018, 101, 95-105.	2.4	14
29	Novel Mastoparan Analogs Induce Differential Secretion from Mast Cells. <i>Chemistry and Biology</i> , 2002, 9, 63-70.	6.0	13
30	The disruption of protein-protein interactions as a therapeutic strategy for prostate cancer. <i>Pharmacological Research</i> , 2020, 161, 105145.	7.1	13
31	Modulation of serine/threonine-protein phosphatase 1 (PP1) complexes: A promising approach in cancer treatment. <i>Drug Discovery Today</i> , 2021, 26, 2680-2698.	6.4	12
32	Renal bradykinin and vasopressin receptors: Ligand selectivity and classification. <i>Kidney International</i> , 1996, 50, 586-592.	5.2	11
33	Novel strategies for the design of receptor-selective vasopressin analogues: Aib-substitution and retro-inverso transformation. <i>British Journal of Pharmacology</i> , 1999, 128, 647-652.	5.4	11
34	Characterization of G Protein-Coupled Receptors Expressed by ECV304 Human Endothelial Cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 1998, 6, 23-32.	1.7	10
35	Modulation of mitochondrial activity in HaCaT keratinocytes by the cell penetrating peptide Z-Gly-RGD(DPhe)-mitoparan. <i>BMC Research Notes</i> , 2018, 11, 82.	1.4	10
36	Disruption of protein phosphatase 1 complexes with the use of bioportides as a novel approach to target sperm motility. <i>Fertility and Sterility</i> , 2021, 115, 348-362.	1.0	10

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37	A High-Throughput Synthetic Platform Enables the Discovery of Proteomimetic Cell Penetrating Peptides and Bioportides. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 1-8.	1.9	9
38	Protein Mimicry and the Design of Bioactive Cell-Penetrating Peptides. <i>Methods in Molecular Biology</i> , 2015, 1324, 177-190.	0.9	8
39	Transport molecules using reverse sequence HIV-Tat polypeptides: not just any old Tat? (WO200808225). <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 1329-1333.	5.0	7
40	The planarian <i>Schmidtea mediterranea</i> as a model system for the discovery and characterization of cell-penetrating peptides and bioportides. <i>Chemical Biology and Drug Design</i> , 2019, 93, 1036-1049.	3.2	7
41	Chronic exercise training attenuates prostate cancer-induced molecular remodelling in the testis. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 311-327.	4.4	6
42	Can RNAi-mediated <i>hsp90</i> knockdown in combination with 17 α -AAG be a therapy for glioma?. <i>FEBS Open Bio</i> , 2013, 3, 271-278.	2.3	5
43	Calcium-mobilizing actions of chimeric hormone-mastoparan peptides. <i>Biochemical Society Transactions</i> , 1997, 25, 450S-450S.	3.4	4
44	A new biology of cell penetrating peptides. <i>Peptide Science</i> , 2021, 113, .	1.8	4
45	Applications of Cell-Penetrating Peptides as Signal Transduction Modulators for the Selective Induction of Apoptosis. <i>Methods in Molecular Biology</i> , 2011, 683, 291-303.	0.9	4
46	Biochemical pharmacology of total retro-inverso analogues of bradykinin and angiotensin II: Molecular recognition by G-protein-coupled receptors and angiotensin converting enzyme. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 37-41.	0.1	3
47	Growth of normal human hepatocytes in primary culture: Effect of hormones and growth factors on DNA synthesis. <i>Hepatology</i> , 1991, 14, 1076-1082.	7.3	3
48	Do vasopressin receptors have a significant role in the hormonal regulation of human liver function?. <i>Biochemical Society Transactions</i> , 1990, 18, 399-400.	3.4	2
49	Characterization of the human oxytocin receptor ligand binding site. <i>Biochemical Society Transactions</i> , 1997, 25, 436S-436S.	3.4	2
50	Mastoparans. , 2009, , 429-445.		2
51	Protein Mimicry and the Design of Bioactive Cell-Penetrating Peptides: The Genesis of STOPSPERM Bioportides. <i>Methods in Molecular Biology</i> , 2022, 2383, 293-306.	0.9	1
52	Biotinylated and fluorescent analogues of bradykinin. <i>Biochemical Society Transactions</i> , 1997, 25, 431S-431S.	3.4	0
53	Chimeric analogues of vasopressin and bradykinin. <i>Biochemical Society Transactions</i> , 1997, 25, 432S-432S.	3.4	0
54	Visualization of oxytocin receptors using selective biotinylated probes. <i>Biochemical Society Transactions</i> , 1997, 25, 438S-438S.	3.4	0

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55	Chimeric Hormones and Neuropeptides. <i>Clinical Science</i> , 1997, 93, 605-606.	4.3	0
56	Chimerism. , 2005, 298, 25-41.		0
57	Design, Synthesis and Applications of Cell-penetrant Peptides as Signal Transduction Modulators. , 2006, , 397-398.		0