

Christopher D Kane

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.

30
papers

834
citations

17
h-index

28
g-index

30
ext. papers

931
ext. citations

5.4
avg, IF

3.4
L-index

#	Paper	IF	Citations
30	The development of broad-spectrum antiviral medical countermeasures to treat viral hemorrhagic fevers caused by natural or weaponized virus infections.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010220	4.8	0
29	and Characterization of Tebipenem (TBP), an Orally Active Carbapenem, against Biothreat Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 ,	5.9	3
28	Remdesivir is efficacious in rhesus monkeys exposed to aerosolized Ebola virus. <i>Scientific Reports</i> , 2021 , 11, 19458	4.9	3
27	Early detection of Ebola virus proteins in peripheral blood mononuclear cells from infected mice. <i>Clinical Proteomics</i> , 2020 , 17, 11	5	2
26	Recent successes in therapeutics for Ebola virus disease: no time for complacency. <i>Lancet Infectious Diseases</i> , 2020 , 20, e231-e237	25.5	24
25	Cholesterol-conjugated stapled peptides inhibit Ebola and Marburg viruses in vitro and in vivo. <i>Antiviral Research</i> , 2019 , 171, 104592	10.8	9
24	African and Asian Zika Virus Isolates Display Phenotypic Differences Both In Vitro and In Vivo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 432-444	3.2	47
23	Countering Zika Virus: The USAMRIID Response. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1062, 303-318	3.6	3
22	Clinical Laboratory Values as Early Indicators of Ebola Virus Infection in Nonhuman Primates. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1316-1324	10.2	10
21	Searching for Therapeutics Against Botulinum Neurotoxins: A True Challenge for Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 2330-49	3	6
20	Novel therapeutic uses and formulations of botulinum neurotoxins: a patent review (2012 - 2014). <i>Expert Opinion on Therapeutic Patents</i> , 2015 , 25, 675-90	6.8	6
19	SRC family kinase inhibitors antagonize the toxicity of multiple serotypes of botulinum neurotoxin in human embryonic stem cell-derived motor neurons. <i>Neurotoxicity Research</i> , 2015 , 27, 384-98	4.3	10
18	Phosphatase Inhibitors Function as Novel, Broad Spectrum Botulinum Neurotoxin Antagonists in Mouse and Human Embryonic Stem Cell-Derived Motor Neuron-Based Assays. <i>PLoS ONE</i> , 2015 , 10, e0129264	3.7	5
17	A high content imaging assay for identification of Botulinum neurotoxin inhibitors. <i>Journal of Visualized Experiments</i> , 2014 , e51915	1.6	3
16	Recent developments in cell-based assays and stem cell technologies for botulinum neurotoxin research and drug discovery. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 153-68	3.8	20
15	Recent advances in botulinum neurotoxin inhibitor development. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2044-61	3	18
14	Efficacy and safety of mavrilimumab in subjects with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1445-52	2.4	125

13	Molecular characterization of novel and selective peroxisome proliferator-activated receptor alpha agonists with robust hypolipidemic activity in vivo. <i>Molecular Pharmacology</i> , 2009 , 75, 296-306	4.3	17
12	The hydrophobic tunnel present in LOX-1 is essential for oxidized LDL recognition and binding. <i>Journal of Lipid Research</i> , 2009 , 50, 546-555	6.3	18
11	Synthesis and evaluation of novel alpha-heteroaryl-phenylpropanoic acid derivatives as PPARalpha/gamma dual agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7113-25	3.4	20
10	Effects of modifications of the linker in a series of phenylpropanoic acid derivatives: Synthesis, evaluation as PPARalpha/gamma dual agonists, and X-ray crystallographic studies. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 4883-907	3.4	27
9	A critical role for peroxisomal proliferator-activated receptor-alpha nuclear receptors in the development of cardiomyocyte degeneration and necrosis. <i>American Journal of Pathology</i> , 2006 , 169, 750-60	5.8	21
8	Differential regulation of the cynomolgus, human, and rat acyl-CoA oxidase promoters by PPARalpha. <i>Gene</i> , 2006 , 380, 84-94	3.8	31
7	Proteomic analysis of calcium/calmodulin-dependent protein kinase I and IV in vitro substrates reveals distinct catalytic preferences. <i>Journal of Biological Chemistry</i> , 2003 , 278, 10516-22	5.4	13
6	The modular nature of histone deacetylase HDAC4 confers phosphorylation-dependent intracellular trafficking. <i>Journal of Biological Chemistry</i> , 2001 , 276, 35042-8	5.4	111
5	Activation of orphan receptor-mediated transcription by Ca(2+)/calmodulin-dependent protein kinase IV. <i>EMBO Journal</i> , 2000 , 19, 691-701	13	67
4	Ca2+/calmodulin-dependent protein kinase IV and calcium signaling. <i>BioMetals</i> , 1998 , 11, 331-43	3.4	42
3	Biochemical and crystallographic analyses of a portal mutant of the adipocyte lipid-binding protein. <i>Journal of Biological Chemistry</i> , 1997 , 272, 9793-801	5.4	27
2	Expression, purification, and ligand-binding analysis of recombinant keratinocyte lipid-binding protein (MAL-1), an intracellular lipid-binding found overexpressed in neoplastic skin cells. <i>Biochemistry</i> , 1996 , 35, 2894-900	3.2	56
1	A simple assay for intracellular lipid-binding proteins using displacement of 1-anilinonaphthalene 8-sulfonic acid. <i>Analytical Biochemistry</i> , 1996 , 233, 197-204	3.1	90