

Chia-Hung Christine Hsiao

List of Publications by Citations

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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.

23
papers

419
citations

12
h-index

20
g-index

24
ext. papers

468
ext. citations

4.5
avg, IF

3.53
L-index

#	Paper	IF	Citations
23	Synthesis of a phosphoantigen prodrug that potently activates V β V α T-lymphocytes. <i>Chemistry and Biology</i> , 2014 , 21, 945-54		70
22	A HT/PEXEL motif in Toxoplasma dense granule proteins is a signal for protein cleavage but not export into the host cell. <i>Traffic</i> , 2013 , 14, 519-31	5.7	48
21	The butyrophilin 3A1 intracellular domain undergoes a conformational change involving the juxtamembrane region. <i>FASEB Journal</i> , 2017 , 31, 4697-4706	0.9	35
20	Mixed Aryl Phosphonate Prodrugs of a Butyrophilin Ligand. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 914-918	4.3	31
19	HMBPP Analog Prodrugs Bypass Energy-Dependent Uptake To Promote Efficient BTN3A1-Mediated Malignant Cell Lysis by V β V α T Lymphocyte Effectors. <i>Journal of Immunology</i> , 2016 , 197, 419-28	5.3	28
18	The effects of macrophage source on the mechanism of phagocytosis and intracellular survival of Leishmania. <i>Microbes and Infection</i> , 2011 , 13, 1033-44	9.3	28
17	The major surface protease (MSP or GP63) in the intracellular amastigote stage of Leishmania chagasi. <i>Molecular and Biochemical Parasitology</i> , 2008 , 157, 148-59	1.9	26
16	Isoprenoid metabolism as a therapeutic target in gram-negative pathogens. <i>Current Topics in Medicinal Chemistry</i> , 2010 , 10, 1858-71	3	26
15	Phosphinophosphonates and Their Tris-pivaloyloxymethyl Prodrugs Reveal a Negatively Cooperative Butyrophilin Activation Mechanism. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 2373-2382	8.3	24
14	Phosphoramidate Prodrugs of a Butyrophilin Ligand Display Plasma Stability and Potent V β V α T Cell Stimulation. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8658-8669	8.3	22
13	Leishmania chagasi: a tetracycline-inducible cell line driven by T7 RNA polymerase. <i>Experimental Parasitology</i> , 2007 , 116, 205-13	2.1	15
12	A power law function describes the time- and dose-dependency of V β V α T cell activation by phosphoantigens. <i>Biochemical Pharmacology</i> , 2018 , 158, 298-304	6	13
11	Stability and Efficiency of Mixed Aryl Phosphonate Prodrugs. <i>ChemMedChem</i> , 2019 , 14, 1597-1603	3.7	12
10	Probing the Ligand-Binding Pocket of BTN3A1. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 6814-6823	8.3	11
9	Evaluation of a 7-Methoxycoumarin-3-carboxylic Acid Ester Derivative as a Fluorescent, Cell-Cleavable, Phosphonate Protecting Group. <i>ChemBioChem</i> , 2016 , 17, 52-5	3.8	11
8	Synthesis and Bioactivity of the Alanyl Phosphoramidate Stereoisomers Derived from a Butyrophilin Ligand. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 1284-1289	4.3	8
7	Potent double prodrug forms of synthetic phosphoantigens. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115666	3.4	4

6	Synthesis and Metabolism of BTN3A1 Ligands: Studies on Modifications of the Allylic Alcohol. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 136-142	4.3	3
5	Synthesis and Metabolism of BTN3A1 Ligands: Studies on Diene Modifications to the Phosphoantigen Scaffold.. <i>ACS Medicinal Chemistry Letters</i> , 2022 , 13, 164-170	4.3	2
4	Ligand-induced interactions between butyrophilin 2A1 and 3A1 internal domains in the HMBPP receptor complex.. <i>Cell Chemical Biology</i> , 2022 ,	8.2	2
3	Synthesis and Biological Evaluation of a Phosphonate Phosphoantigen Prodrug. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 751-753	1	0
2	Efficiency of bis-amidate phosphonate prodrugs.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 128724	2.4	0
1	Incorporation of a FRET pair within a phosphonate diester. <i>Bioorganic Chemistry</i> , 2021 , 114, 105048	5.1	