

Joshua R Sacher

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.

22
papers

502
citations

13
h-index

22
g-index

23
ext. papers

623
ext. citations

7.2
avg, IF

3.35
L-index

#	Paper	IF	Citations
22	Novel Fluorescence-Based High-Throughput FLIPR Assay Utilizing Membrane-Tethered Genetic Calcium Sensors to Identify T-Type Calcium Channel Modulators.. <i>ACS Pharmacology and Translational Science</i> , 2022 , 5, 156-168	5.9	
21	Characterization of Primary Muscle Tension Dysphonia Using Acoustic and Aerodynamic Voice Metrics. <i>Journal of Voice</i> , 2021 ,	1.9	2
20	Exploiting the Therapeutic Interaction of WNT Pathway Activation and Asparaginase for Colorectal Cancer Therapy. <i>Cancer Discovery</i> , 2020 , 10, 1690-1705	24.4	14
19	Multimodal small-molecule screening for human prion protein binders. <i>Journal of Biological Chemistry</i> , 2020 , 295, 13516-13531	5.4	6
18	Synthetic Lethality of Wnt Pathway Activation and Asparaginase in Drug-Resistant Acute Leukemias. <i>Cancer Cell</i> , 2019 , 35, 664-676.e7	24.3	43
17	Exploiting an Asp-Glu "switch" in glycogen synthase kinase 3 to design paralog-selective inhibitors for use in acute myeloid leukemia. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	50
16	Functionally Biased D2R Antagonists: Targeting the β Arrestin Pathway to Improve Antipsychotic Treatment. <i>ACS Chemical Biology</i> , 2018 , 13, 1038-1047	4.9	20
15	Effectiveness of Analogs of the GS-Nitroxide, JP4-039, as Total Body Irradiation Mitigators. <i>In Vivo</i> , 2017 , 31, 39-43	2.3	13
14	Inhibitors of Glycogen Synthase Kinase 3 with Exquisite Kinome-Wide Selectivity and Their Functional Effects. <i>ACS Chemical Biology</i> , 2016 , 11, 1952-63	4.9	37
13	A Mitochondrial-Targeted Nitroxide Is a Potent Inhibitor of Ferroptosis. <i>ACS Central Science</i> , 2016 , 2, 653-659	16.8	107
12	Mitochondrial targeted β apachone induces mitochondrial dysfunction and catastrophic vacuolization in cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 4828-4833	2.9	21
11	Synthesis of the tetracyclic skeleton of the Lycopodium alkaloid lycoplidine H via a pivotal double hydroformylation/intramolecular reductive amination sequence. <i>Organic Letters</i> , 2015 , 17, 806-8	6.2	12
10	Identification of a First in Class GSK3-Alpha Selective Inhibitor As a New Differentiation Therapy for AML. <i>Blood</i> , 2015 , 126, 870-870	2.2	
9	Mitochondria-targeted ROS scavenger improves post-ischemic recovery of cardiac function and attenuates mitochondrial abnormalities in aged rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 77, 136-46	5.8	58
8	An uncharged oxetanyl sulfoxide as a covalent modifier for improving aqueous solubility. <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 900-4	4.3	25
7	DISCUSSION ADDENDUM for: 2-Trimethylsilylethanesulfonyl Chloride (SES-Cl) 2014 , 34-43		
6	Synthesis of analogs of the radiation mitigator JP4-039 and visualization of BODIPY derivatives in mitochondria. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4147-53	3.9	28

5	Construction of the azocane (azacyclooctane) moiety of the Lycopodium alkaloid lycopladine H via an intramolecular hydroaminomethylation strategy. <i>Organic Letters</i> , 2012 , 14, 2172-5	6.2	24
4	Exploratory studies towards a total synthesis of the unusual bridged tetracyclic Lycopodium alkaloid lycopladine H. <i>Tetrahedron</i> , 2011 , 67, 10203-10207	2.4	7
3	Exploratory studies toward a total synthesis of the marine ascidian metabolite perophoramidine. <i>Tetrahedron</i> , 2009 , 65, 6712-6719	2.4	32
2	Multimodal small-molecule screening for human prion protein binders		1
1	Synthetic Lethality of Wnt Pathway Activation and Asparaginase in Drug-Resistant Acute Leukemias		1