

Joshua R Sacher

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

710
citations

687335

13
h-index

888047

17
g-index

23
all docs

23
docs citations

23
times ranked

1439
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mitochondrial-Targeted Nitroxide Is a Potent Inhibitor of Ferroptosis. <i>ACS Central Science</i> , 2016, 2, 653-659.	11.3	167
2	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, 136-146.	1.9	75
3	Synthetic Lethality of Wnt Pathway Activation and Asparaginase in Drug-Resistant Acute Leukemias. <i>Cancer Cell</i> , 2019, 35, 664-676.e7.	16.8	70
4	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, .	12.4	69
5	Inhibitors of Glycogen Synthase Kinase 3 with Exquisite Kinome-Wide Selectivity and Their Functional Effects. <i>ACS Chemical Biology</i> , 2016, 11, 1952-1963.	3.4	55
6	Exploiting the Therapeutic Interaction of WNT Pathway Activation and Asparaginase for Colorectal Cancer Therapy. <i>Cancer Discovery</i> , 2020, 10, 1690-1705.	9.4	38
7	Exploratory studies toward a total synthesis of the marine ascidian metabolite perophoramidine. <i>Tetrahedron</i> , 2009, 65, 6712-6719.	1.9	33
8	Construction of the Azocane (Azacyclooctane) Moiety of the <i>Lycopodium</i> Alkaloid Lycoplamine H via an Intramolecular Hydroaminomethylation Strategy. <i>Organic Letters</i> , 2012, 14, 2172-2175.	4.6	29
9	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.	2.8	29
10	An Uncharged Oxetanyl Sulfoxide as a Covalent Modifier for Improving Aqueous Solubility. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 900-904.	2.8	29
11	Mitochondrial targeted $\hat{\text{I}}^2$ -lapachone induces mitochondrial dysfunction and catastrophic vacuolization in cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4828-4833.	2.2	24
12	Functionally Biased D2R Antagonists: Targeting the $\hat{\text{I}}^2$ -Arrestin Pathway to Improve Antipsychotic Treatment. <i>ACS Chemical Biology</i> , 2018, 13, 1038-1047.	3.4	24
13	Effectiveness of Analogs of the GS-Nitroxide, JP4-039, as Total Body Irradiation Mitigators. <i>In Vivo</i> , 2017, 31, 39-44.	1.3	15
14	Multimodal small-molecule screening for human prion protein binders. <i>Journal of Biological Chemistry</i> , 2020, 295, 13516-13531.	3.4	14
15	Synthesis of the Tetracyclic Skeleton of the <i>Lycopodium</i> Alkaloid Lycoplamine H via a Pivotal Double Hydroformylation/Intramolecular Reductive Amination Sequence. <i>Organic Letters</i> , 2015, 17, 806-808.	4.6	13
16	Characterization of Primary Muscle Tension Dysphonia Using Acoustic and Aerodynamic Voice Metrics. <i>Journal of Voice</i> , 2023, 37, 897-906.	1.5	11
17	Exploratory studies towards a total synthesis of the unusual bridged tetracyclic <i>Lycopodium</i> alkaloid lycoplamine H. <i>Tetrahedron</i> , 2011, 67, 10203-10207.	1.9	7
18	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.	4.9	1

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19	Identification of a First in Class GSK3-Alpha Selective Inhibitor As a New Differentiation Therapy for AML. Blood, 2015, 126, 870-870.	1.4	0