

Joshua R Sacher

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

710
citations

687220

13
h-index

887953

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. | 5.3 | 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. | 0.9 | 75 |
| 3 | Synthetic Lethality of Wnt Pathway Activation and Asparaginase in Drug-Resistant Acute Leukemias. <i>Cancer Cell</i> , 2019, 35, 664-676.e7. | 7.7 | 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, . | 5.8 | 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. | 1.6 | 55 |
| 6 | Exploiting the Therapeutic Interaction of WNT Pathway Activation and Asparaginase for Colorectal Cancer Therapy. <i>Cancer Discovery</i> , 2020, 10, 1690-1705. | 7.7 | 38 |
| 7 | Exploratory studies toward a total synthesis of the marine ascidian metabolite perophoramidine. <i>Tetrahedron</i> , 2009, 65, 6712-6719. | 1.0 | 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. | 2.4 | 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. | 1.5 | 29 |
| 10 | An Uncharged Oxetanyl Sulfoxide as a Covalent Modifier for Improving Aqueous Solubility. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 900-904. | 1.3 | 29 |
| 11 | Mitochondrial targeted Î²-lapachone induces mitochondrial dysfunction and catastrophic vacuolization in cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4828-4833. | 1.0 | 24 |
| 12 | Functionally Biased D2R Antagonists: Targeting the Î²-Arrestin Pathway to Improve Antipsychotic Treatment. <i>ACS Chemical Biology</i> , 2018, 13, 1038-1047. | 1.6 | 24 |
| 13 | Effectiveness of Analogs of the GS-Nitroxide, JP4-039, as Total Body Irradiation Mitigators. <i>In Vivo</i> , 2017, 31, 39-44. | 0.6 | 15 |
| 14 | Multimodal small-molecule screening for human prion protein binders. <i>Journal of Biological Chemistry</i> , 2020, 295, 13516-13531. | 1.6 | 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. | 2.4 | 13 |
| 16 | Characterization of Primary Muscle Tension Dysphonia Using Acoustic and Aerodynamic Voice Metrics. <i>Journal of Voice</i> , 2023, 37, 897-906. | 0.6 | 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. | 1.0 | 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. | 2.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Identification of a First in Class GSK3-Alpha Selective Inhibitor As a New Differentiation Therapy for AML. Blood, 2015, 126, 870-870. | 0.6 | 0 |