

Jeremy W Chambers

List of Publications by Year in descending order

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29
papers

1,151
citations

471061

17
h-index

525886

27
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29
all docs

29
docs citations

29
times ranked

1948
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Interaction of Translocator Protein 18kDa (TSPO) with NADPH Oxidase in Microglia. <i>Molecular Neurobiology</i> , 2020, 57, 4467-4487.	1.9	17
2	Simultaneous Ca ²⁺ Imaging and Optogenetic Stimulation of Cortical Astrocytes in Adult Murine Brain Slices. <i>Current Protocols in Neuroscience</i> , 2020, 94, e110.	2.6	9
3	Kinetic Study of DNA Topoisomerases by Supercoiling-Dependent Fluorescence Quenching. <i>ACS Omega</i> , 2019, 4, 18413-18422.	1.6	10
4	Tyrosyl-DNA Phosphodiesterase 1 and Topoisomerase I Activities as Predictive Indicators for Glioblastoma Susceptibility to Genotoxic Agents. <i>Cancers</i> , 2019, 11, 1416.	1.7	5
5	Assessment of Mitochondrial Stress in Neurons: Proximity Ligation Assays to Detect Recruitment of Stress-Responsive Proteins to Mitochondria. <i>Neuromethods</i> , 2019, , 87-118.	0.2	0
6	Phosphoregulation on mitochondria: Integration of cell and organelle responses. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 837-858.	1.9	52
7	STEM-18. THE c-Jun N-TERMINAL KINASE (JNK) IS A CRUCIAL COMPONENT OF MAINTENANCE IN GLIOBLASTOMA STEM-LIKE CELLS.. <i>Neuro-Oncology</i> , 2018, 20, vi247-vi247.	0.6	0
8	Sab concentrations indicate chemotherapeutic susceptibility in ovarian cancer cell lines. <i>Biochemical Journal</i> , 2018, 475, 3471-3492.	1.7	9
9	Sab is differentially expressed in the brain and affects neuronal activity. <i>Brain Research</i> , 2017, 1670, 76-85.	1.1	6
10	Sab mediates mitochondrial dysfunction involved in imatinib mesylate-induced cardiotoxicity. <i>Toxicology</i> , 2017, 382, 24-35.	2.0	26
11	Analysis of Chemotherapeutic Drug Delivery at the Single Cell Level Using 3D-MSI-TOF-SIMS. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 2033-2040.	1.2	43
12	Fluorescently labeled circular DNA molecules for DNA topology and topoisomerases. <i>Scientific Reports</i> , 2016, 6, 36006.	1.6	13
13	Sub-chronic administration of LY294002 sensitizes cervical cancer cells to chemotherapy by enhancing mitochondrial JNK signaling. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 538-544.	1.0	9
14	A rapid and sensitive high-throughput screening method to identify compounds targeting protein-nucleic acids interactions. <i>Nucleic Acids Research</i> , 2015, 43, e52-e52.	6.5	28
15	A trivalent approach for determining <i>in vitro</i> toxicology: Examination of oxime K027. <i>Journal of Applied Toxicology</i> , 2015, 35, 219-227.	1.4	11
16	Blocking c-Jun N-terminal Kinase (JNK) Translocation to the Mitochondria Prevents 6-Hydroxydopamine-induced Toxicity in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2013, 288, 1079-1087.	1.6	62
17	A Small Molecule Bidentate-Binding Dual Inhibitor Probe of the LRRK2 and JNK Kinases. <i>ACS Chemical Biology</i> , 2013, 8, 1747-1754.	1.6	17
18	Inhibition of JNK Mitochondrial Localization and Signaling Is Protective against Ischemia/Reperfusion Injury in Rats. <i>Journal of Biological Chemistry</i> , 2013, 288, 4000-4011.	1.6	67

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19	Atmospheric Oxygen Inhibits Growth and Differentiation of Marrow-Derived Mouse Mesenchymal Stem Cells via a p53-Dependent Mechanism: Implications for Long-Term Culture Expansion. <i>Stem Cells</i> , 2012, 30, 975-987.	1.4	100
20	Small Molecule c-jun-N-Terminal Kinase Inhibitors Protect Dopaminergic Neurons in a Model of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2011, 2, 198-206.	1.7	61
21	Selective Inhibition of Mitochondrial JNK Signaling Achieved Using Peptide Mimicry of the Sab Kinase Interacting Motif-1 (KIM1). <i>ACS Chemical Biology</i> , 2011, 6, 808-818.	1.6	40
22	Quercetin, a fluorescent bioflavonoid, inhibits <i>Trypanosoma brucei</i> hexokinase 1. <i>Experimental Parasitology</i> , 2011, 127, 423-428.	0.5	28
23	Mitochondrial c-Jun N-terminal Kinase (JNK) Signaling Initiates Physiological Changes Resulting in Amplification of Reactive Oxygen Species Generation. <i>Journal of Biological Chemistry</i> , 2011, 286, 16052-16062.	1.6	157
24	Glutamine Metabolism Is Essential for Human Cytomegalovirus Infection. <i>Journal of Virology</i> , 2010, 84, 1867-1873.	1.5	197
25	Synthesis, Biological Evaluation, X-ray Structure, and Pharmacokinetics of Aminopyrimidine c-jun-N-terminal Kinase (JNK) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 419-431.	2.9	58
26	The anti-trypanosomal agent lonidamine inhibits <i>Trypanosoma brucei</i> hexokinase 1. <i>Molecular and Biochemical Parasitology</i> , 2008, 158, 202-207.	0.5	49
27	Residues in an ATP binding domain influence sugar binding in a trypanosome hexokinase. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 420-425.	1.0	6
28	Assembly of Heterohexameric Trypanosome Hexokinases Reveals That Hexokinase 2 Is a Regulable Enzyme. <i>Journal of Biological Chemistry</i> , 2008, 283, 14963-14970.	1.6	33
29	Activity of a Second <i>Trypanosoma brucei</i> Hexokinase Is Controlled by an 18-Amino-Acid C-Terminal Tail. <i>Eukaryotic Cell</i> , 2006, 5, 2014-2023.	3.4	38