

Jeffrey R Liddell

List of Publications by Year in descending order

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33
papers

2,027
citations

279798

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395702

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37
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docs citations

37
times ranked

2772
citing authors

#	ARTICLE	IF	CITATIONS
1	Biometal Dyshomeostasis in Olfactory Mucosa of Alzheimer's Disease Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4123.	4.1	3
2	Neuron-astrocyte transmitophagy is altered in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2022, 170, 105753.	4.4	27
3	Molecular mechanisms of cell death in neurological diseases. <i>Cell Death and Differentiation</i> , 2021, 28, 2029-2044.	11.2	268
4	Regular Physical Exercise Modulates Iron Homeostasis in the 5xFAD Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8715.	4.1	10
5	Copper-ATSM as a Treatment for ALS: Support from Mutant SOD1 Models and Beyond. <i>Life</i> , 2020, 10, 271.	2.4	17
6	A versatile quantitative microdroplet elemental imaging method optimised for integration in biochemical workflows for low-volume samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 603-616.	3.7	19
7	Nexus between mitochondrial function, iron, copper and glutathione in Parkinson's disease. <i>Neurochemistry International</i> , 2018, 117, 126-138.	3.8	46
8	Cull(atism) Attenuates Neuroinflammation. <i>Frontiers in Neuroscience</i> , 2018, 12, 668.	2.8	26
9	Targeting Nrf2 to Suppress Ferroptosis and Mitochondrial Dysfunction in Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2018, 12, 466.	2.8	287
10	Adamantyl- and other polycyclic cage-based conjugates of desferrioxamine B (DFOB) for treating iron-mediated toxicity in cell models of Parkinson's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1698-1704.	2.2	10
11	TDP-43 mutations causing amyotrophic lateral sclerosis are associated with altered expression of RNA-binding protein hnRNP K and affect the Nrf2 antioxidant pathway. <i>Human Molecular Genetics</i> , 2017, 26, 1732-1746.	2.9	62
12	Are Astrocytes the Predominant Cell Type for Activation of Nrf2 in Aging and Neurodegeneration?. <i>Antioxidants</i> , 2017, 6, 65.	5.1	126
13	Circumventing the Crabtree Effect: A method to induce lactate consumption and increase oxidative phosphorylation in cell culture. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 128-138.	2.8	38
14	Pyrrolidine dithiocarbamate activates the Nrf2 pathway in astrocytes. <i>Journal of Neuroinflammation</i> , 2016, 13, 49.	7.2	38
15	Targeting mitochondrial metal dyshomeostasis for the treatment of neurodegeneration. <i>Neurodegenerative Disease Management</i> , 2015, 5, 345-364.	2.2	12
16	ZnII(atism) is protective in amyotrophic lateral sclerosis model mice via a copper delivery mechanism. <i>Neurobiology of Disease</i> , 2015, 81, 20-24.	4.4	28
17	Phosphorylation of hnRNP K by cyclin-dependent kinase 2 controls cytosolic accumulation of TDP-43. <i>Human Molecular Genetics</i> , 2015, 24, 1655-1669.	2.9	48
18	Oral Treatment with Cull(atism) Increases Mutant SOD1 In Vivo but Protects Motor Neurons and Improves the Phenotype of a Transgenic Mouse Model of Amyotrophic Lateral Sclerosis. <i>Journal of Neuroscience</i> , 2014, 34, 8021-8031.	3.6	161

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19	Deregulation of subcellular biometal homeostasis through loss of the metal transporter, Zip7, in a childhood neurodegenerative disorder. <i>Acta Neuropathologica Communications</i> , 2014, 2, 25.	5.2	37
20	Localized changes to glycogen synthase kinase-3 and collapsin response mediator protein-2 in the Huntington's disease affected brain. <i>Human Molecular Genetics</i> , 2014, 23, 4051-4063.	2.9	41
21	Neuroprotective Copper Bis(thiosemicarbazonato) Complexes Promote Neurite Elongation. <i>PLoS ONE</i> , 2014, 9, e90070.	2.5	39
22	Therapeutic effects of Cu ^{II} (atm) in the SOD1-G37R mouse model of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2013, 14, 586-590.	1.7	82
23	Profiling the iron, copper and zinc content in primary neuron and astrocyte cultures by rapid online quantitative size exclusion chromatography-inductively coupled plasma-mass spectrometry. <i>Metallomics</i> , 2013, 5, 1656.	2.4	39
24	Copper modulates the large dense core vesicle secretory pathway in PC12 cells. <i>Metallomics</i> , 2013, 5, 700.	2.4	10
25	Lipophilic adamantyl- or deferasirox-based conjugates of desferrioxamine B have enhanced neuroprotective capacity: implications for Parkinson disease. <i>Free Radical Biology and Medicine</i> , 2013, 60, 147-156.	2.9	26
26	Kinase Inhibitor Screening Identifies Cyclin-Dependent Kinases and Glycogen Synthase Kinase 3 as Potential Modulators of TDP-43 Cytosolic Accumulation during Cell Stress. <i>PLoS ONE</i> , 2013, 8, e67433.	2.5	50
27	An impaired mitochondrial electron transport chain increases retention of the hypoxia imaging agent diacetylbis(4-methylthiosemicarbazonato)copper ^{II} . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 47-52.	7.1	101
28	The challenges of using a copper fluorescent sensor (CS1) to track intracellular distributions of copper in neuronal and glial cells. <i>Chemical Science</i> , 2012, 3, 2748.	7.4	43
29	Endogenous TDP-43 localized to stress granules can subsequently form protein aggregates. <i>Neurochemistry International</i> , 2012, 60, 415-424.	3.8	125
30	Inhibition of TDP-43 Accumulation by Bis(thiosemicarbazonato)-Copper Complexes. <i>PLoS ONE</i> , 2012, 7, e42277.	2.5	44
31	Subcellular localization of a fluorescent derivative of Cull(atm) offers insight into the neuroprotective action of Cull(atm). <i>Metallomics</i> , 2011, 3, 1280.	2.4	17
32	C-Jun N-terminal kinase controls TDP-43 accumulation in stress granules induced by oxidative stress. <i>Molecular Neurodegeneration</i> , 2011, 6, 57.	10.8	103
33	Astrocytes retain their antioxidant capacity into advanced old age. <i>Glia</i> , 2010, 58, 1500-1509.	4.9	34