

Bruno Chausse

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

737
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell culture models of fatty acid overload: Problems and solutions. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 143-151.	2.4	87
2	Priming of microglia with IFN- β slows neuronal gamma oscillations in situ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4637-4642.	7.1	87
3	Caloric restriction increases brain mitochondrial calcium retention capacity and protects against excitotoxicity. <i>Aging Cell</i> , 2017, 16, 73-81.	6.7	75
4	Microglia and lipids: how metabolism controls brain innate immunity. <i>Seminars in Cell and Developmental Biology</i> , 2021, 112, 137-144.	5.0	75
5	Mitochondrial compartmentalization of redox processes. <i>Free Radical Biology and Medicine</i> , 2012, 52, 2201-2208.	2.9	69
6	Long-term intermittent feeding, but not caloric restriction, leads to redox imbalance, insulin receptor nitration, and glucose intolerance. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1454-1460.	2.9	57
7	Intermittent Fasting Results in Tissue-Specific Changes in Bioenergetics and Redox State. <i>PLoS ONE</i> , 2015, 10, e0120413.	2.5	57
8	Hypothalamic mitochondrial abnormalities occur downstream of inflammation in diet-induced obesity. <i>Molecular and Cellular Endocrinology</i> , 2018, 460, 238-245.	3.2	38
9	Selective inhibition of mitochondrial respiratory complexes controls the transition of microglia into a neurotoxic phenotype in situ. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 802-814.	4.1	36
10	GM-CSF induces noninflammatory proliferation of microglia and disturbs electrical neuronal network rhythms in situ. <i>Journal of Neuroinflammation</i> , 2020, 17, 235.	7.2	34
11	TLR2- and TLR3-activated microglia induce different levels of neuronal network dysfunction in a context-dependent manner. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 80-91.	4.1	32
12	Distinct metabolic patterns during microglial remodeling by oleate and palmitate. <i>Bioscience Reports</i> , 2019, 39, .	2.4	30
13	Diluted serum from calorie-restricted animals promotes mitochondrial cell adaptations and protect against glucolipototoxicity. <i>FEBS Journal</i> , 2016, 283, 822-833.	4.7	25
14	Resilient hepatic mitochondrial function and lack of iNOS dependence in diet-induced insulin resistance. <i>PLoS ONE</i> , 2019, 14, e0211733.	2.5	9
15	Neuronal gamma oscillations and activity-dependent potassium transients remain regular after depletion of microglia in postnatal cortex tissue. <i>Journal of Neuroscience Research</i> , 2020, 98, 1953-1967.	2.9	8
16	Novel role of cholesteryl ester transfer protein (CETP): attenuation of adiposity by enhancing lipolysis and brown adipose tissue activity. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154429.	3.4	8
17	Bioenergetic profiling in the skin. <i>Experimental Dermatology</i> , 2016, 25, 147-148.	2.9	7
18	Priming of microglia by type II interferon is lasting and resistant to modulation by interleukin-10 in situ. <i>Journal of Neuroimmunology</i> , 2022, 368, 577881.	2.3	3