

Timothy A Couttas

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

674
citations

758635

12
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of the neuroprotective factor Sphingosine 1-phosphate early in Alzheimer's disease pathogenesis. <i>Acta Neuropathologica Communications</i> , 2014, 2, 9.	2.4	138
2	A selective inhibitor of ceramide synthase 1 reveals a novel role in fat metabolism. <i>Nature Communications</i> , 2018, 9, 3165.	5.8	93
3	Loss of ceramide synthase 2 activity, necessary for myelin biosynthesis, precedes tau pathology in the cortical pathogenesis of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 43, 89-100.	1.5	68
4	Altered lipid levels provide evidence for myelin dysfunction in multiple system atrophy. <i>Acta Neuropathologica Communications</i> , 2014, 2, 150.	2.4	62
5	Methylation of translation-associated proteins in <i>Saccharomyces cerevisiae</i> : Identification of methylated lysines and their methyltransferases. <i>Proteomics</i> , 2012, 12, 960-972.	1.3	59
6	Age-Dependent Changes to Sphingolipid Balance in the Human Hippocampus are Gender-Specific and May Sensitize to Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 503-514.	1.2	39
7	Re-Configuration of Sphingolipid Metabolism by Oncogenic Transformation. <i>Biomolecules</i> , 2014, 4, 315-353.	1.8	36
8	Immonium Ion Scanning for the Discovery of Post-Translational Modifications and Its Application to Histones. <i>Journal of Proteome Research</i> , 2008, 7, 2632-2641.	1.8	33
9	Regulation of hepatic insulin signaling and glucose homeostasis by sphingosine kinase 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24434-24442.	3.3	29
10	Sphingosine 1-phosphate but not Fingolimod protects neurons against excitotoxic cell death by inducing neurotrophic gene expression in astrocytes. <i>Journal of Neurochemistry</i> , 2020, 153, 173-188.	2.1	23
11	Sphingosine Kinase 2 Potentiates Amyloid Deposition but Protects against Hippocampal Volume Loss and Demyelination in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2019, 39, 9645-9659.	1.7	22
12	Deletion of sphingosine kinase 1 inhibits liver tumorigenesis in diethylnitrosamine-treated mice. <i>Oncotarget</i> , 2018, 9, 15635-15649.	0.8	19
13	High FA2H and UGT8 transcript levels predict hydroxylated hexosylceramide accumulation in lung adenocarcinoma. <i>Journal of Lipid Research</i> , 2019, 60, 1776-1786.	2.0	17
14	Contextual fear conditioning is enhanced in mice lacking functional sphingosine kinase 2. <i>Behavioural Brain Research</i> , 2017, 333, 9-16.	1.2	13
15	A Three-Step Assay for Ceramide Synthase Activity Using a Fluorescent Substrate and HPLC. <i>Lipids</i> , 2015, 50, 101-109.	0.7	8
16	Monitoring cytoplasmic protein complexes with blue native gel electrophoresis and stable isotope labelling with amino acids in cell culture: Analysis of changes in the 20S proteasome. <i>Electrophoresis</i> , 2011, 32, 1819-1823.	1.3	7
17	Simultaneous Assessment of Serum Levels and Pharmacologic Effects of Cannabinoids on Endocannabinoids and <i>N</i> -Acylethanolamines by Liquid Chromatography-Tandem Mass Spectrometry. <i>Cannabis and Cannabinoid Research</i> , 2023, 8, 657-669.	1.5	5
18	Fluorescent Assays for Ceramide Synthase Activity. <i>Methods in Molecular Biology</i> , 2016, 1376, 23-33.	0.4	2