

Dominik Frhlich

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

1,348
citations

11
h-index

27
g-index

27
ext. papers

1,614
ext. citations

7.1
avg. IF

4.22
L-index

#	Paper	IF	Citations
24	Developmental delay and late onset HBSL pathology in hypomorphic Dars1 mice.. <i>Neurochemical Research</i> , 2022 , 1	4.6	0
23	L-Aspartate, L-Ornithine and L-Ornithine-L-Aspartate (LOLA) and Their Impact on Brain Energy Metabolism. <i>Neurochemical Research</i> , 2020 , 45, 1438-1450	4.6	4
22	Oligodendrocytes support axonal transport and maintenance via exosome secretion. <i>PLoS Biology</i> , 2020 , 18, e3000621	9.7	34
21	The Leukodystrophies HBSL and LBSL-Correlates and Distinctions. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 626610	6.1	4
20	A Hypomorphic Model Recapitulates Key Aspects of the Leukodystrophy HBSL. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 625879	6.1	2
19	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
18	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
17	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
16	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
15	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
14	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
13	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
12	Oligodendrocytes support axonal transport and maintenance via exosome secretion 2020 , 18, e3000621		
11	Serum-free media supplements carry miRNAs that co-purify with extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1656042	16.4	32
10	Expression Pattern of the Aspartyl-tRNA Synthetase DARS in the Human Brain. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 81	6.1	11
9	Uncoupling N-acetylaspartate from brain pathology: implications for Canavan disease gene therapy. <i>Acta Neuropathologica</i> , 2018 , 135, 95-113	14.3	24
8	In vivo characterization of the aspartyl-tRNA synthetase DARS: Homing in on the leukodystrophy HBSL. <i>Neurobiology of Disease</i> , 2017 , 97, 24-35	7.5	13

7	Recombinant Human Myelin-Associated Glycoprotein Promoter Drives Selective AAV-Mediated Transgene Expression in Oligodendrocytes. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 13	6.1	30
6	Multifaceted effects of oligodendroglial exosomes on neurons: impact on neuronal firing rate, signal transduction and gene regulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369,	5.8	167
5	Neurotransmitter-triggered transfer of exosomes mediates oligodendrocyte-neuron communication. <i>PLoS Biology</i> , 2013 , 11, e1001604	9.7	503
4	Extracellular vesicles as mediators of neuron-glia communication. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 182	6.1	245
3	Glial promoter selectivity following AAV-delivery to the immature brain. <i>PLoS ONE</i> , 2013 , 8, e65646	3.7	90
2	Emerging roles of exosomes in neuron-glia communication. <i>Frontiers in Physiology</i> , 2012 , 3, 119	4.6	184
1	Oligodendrocytes support axonal transport and maintenance via exosome secretion		5