Dominik Frhlich

List of Publications by Citations

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	Neurotransmitter-triggered transfer of exosomes mediates oligodendrocyte-neuron communication. *PLoS Biology*, **2013**, 11, e1001604	9.7	503
23	Extracellular vesicles as mediators of neuron-glia communication. *Frontiers in Cellular Neuroscience*, **2013**, 7, 182	6.1	245
22	Emerging roles of exosomes in neuron-glia communication. *Frontiers in Physiology*, **2012**, 3, 119	4.6	184
21	Multifaceted effects of oligodendroglial exosomes on neurons: impact on neuronal firing rate, signal transduction and gene regulation. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369,	5.8	167
20	Glial promoter selectivity following AAV-delivery to the immature brain. *PLoS ONE*, **2013**, 8, e65646	3.7	90
19	Oligodendrocytes support axonal transport and maintenance via exosome secretion. *PLoS Biology*, **2020**, 18, e3000621	9.7	34
18	Serum-free media supplements carry miRNAs that co-purify with extracellular vesicles. *Journal of Extracellular Vesicles*, **2019**, 8, 1656042	16.4	32
17	Recombinant Human Myelin-Associated Glycoprotein Promoter Drives Selective AAV-Mediated Transgene Expression in Oligodendrocytes. *Frontiers in Molecular Neuroscience*, **2016**, 9, 13	6.1	30
16	Uncoupling N-acetylaspartate from brain pathology: implications for Canavan disease gene therapy. *Acta Neuropathologica*, **2018**, 135, 95-113	14.3	24
15	In vivocharacterization of the aspartyl-tRNA synthetase DARS: Homing in on the leukodystrophy HBSL. *Neurobiology of Disease*, **2017**, 97, 24-35	7.5	13
14	Expression Pattern of the Aspartyl-tRNA Synthetase DARS in the Human Brain. *Frontiers in Molecular Neuroscience*, **2018**, 11, 81	6.1	11
13	Oligodendrocytes support axonal transport and maintenance via exosome secretion		5
12	L-Aspartate, L-Ornithine and L-Ornithine-L-Aspartate (LOLA) and Their Impact on Brain Energy Metabolism. *Neurochemical Research*, **2020**, 45, 1438-1450	4.6	4
11	The Leukodystrophies HBSL and LBSL-Correlates and Distinctions. *Frontiers in Cellular Neuroscience*, **2020**, 14, 626610	6.1	4
10	A Hypomorphic Model Recapitulates Key Aspects of the Leukodystrophy HBSL. *Frontiers in Cellular Neuroscience*, **2020**, 14, 625879	6.1	2
9	Developmental delay and late onset HBSL pathology in hypomorphic Dars1 mice.. *Neurochemical Research*, **2022**, 1	4.6	0
8	Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621		

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7 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621

6 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621

5 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621

4 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621

3 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621

2 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621

1 Oligodendrocytes support axonal transport and maintenance via exosome secretion **2020**, 18, e3000621