

Ian D Duncan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

849
citations

623734
14
h-index

713466
21
g-index

23
all docs

23
docs citations

23
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	The adult oligodendrocyte can participate in remyelination. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11807-E11816.	7.1	170
2	Generation of oligodendroglial progenitors from neural stem cells. Journal of Neurocytology, 1998, 27, 475-489.	1.5	106
3	Inherited and acquired disorders of myelin: The underlying myelin pathology. Experimental Neurology, 2016, 283, 452-475.	4.1	96
4	Self-renewing canine oligodendroglial progenitor expanded as oligospheres. Journal of Neuroscience Research, 1998, 54, 181-190.	2.9	68
5	Thin myelin sheaths as the hallmark of remyelination persist over time and preserve axon function. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9685-E9691.	7.1	62
6	Myelin-Deficient Rat: Analysis of Myelin Proteins. Journal of Neurochemistry, 1986, 47, 1901-1907.	3.9	52
7	A mutation in the <i>Tubb4a</i> gene leads to microtubule accumulation with hypomyelination and demyelination. Annals of Neurology, 2017, 81, 690-702.	5.3	47
8	Myelin mutants: New models and new observations. Microscopy Research and Technique, 1995, 32, 183-203.	2.2	38
9	The Myelin Mutants as Models to Study Myelin Repair in the Leukodystrophies. Neurotherapeutics, 2011, 8, 607-624.	4.4	37
10	Evoked potentials as a biomarker of remyelination. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 27074-27083.	7.1	37
11	Disproportional Expression of Proteolipid Protein and DM-20 in the X-Linked, Dysmyelinating Shaking Pup Mutant. Journal of Neurochemistry, 1987, 49, 1912-1917.	3.9	23
12	Magnetic resonance imaging in two dogs with central nervous system disease. Journal of Small Animal Practice, 1987, 28, 587-596.	1.2	21
13	The PLP mutants from mouse to man. Journal of the Neurological Sciences, 2005, 228, 204-205.	0.6	20
14	Modeling the natural history of Pelizaeus-Ermerzbacher disease. Neurobiology of Disease, 2015, 75, 115-130.	4.4	15
15	Replacing cells in multiple sclerosis. Journal of the Neurological Sciences, 2008, 265, 89-92.	0.6	14
16	A mutation in the canine gene encoding folliculin-interacting protein 2 (FNIP2) associated with a unique disruption in spinal cord myelination. Glia, 2014, 62, 39-51.	4.9	10
17	Modeling the Chronic Loss of Optic Nerve Axons and the Effects on the Retinal Nerve Fiber Layer Structure in Primary Disorder of Myelin. , 2016, 57, 4859.		8
18	Myelin repair by transplantation of myelin-forming cells in globoid cell leukodystrophy. Journal of Neuroscience Research, 2016, 94, 1195-1202.	2.9	7

#	ARTICLE	IF	CITATIONS
19	Remyelination and the gut-brain axis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24922-24924.	7.1	6
20	Transmission Electron Microscopy and Morphometry of the CNS White Matter. Methods in Molecular Biology, 2020, 2143, 233-261.	0.9	5
21	Remyelination therapy for demyelinating disease. Nature Reviews Neurology, 2020, 16, 346-346.	10.1	4
22	Feline irradiated diet-induced demyelination; a model of the neuropathology of sub-acute combined degeneration?. PLoS ONE, 2020, 15, e0228109.	2.5	3
23	Myelin and oligodendrocyte development in the canine spinal cord. Journal of Comparative Neurology, 2016, 524, 930-939.	1.6	0