Brett M Morrison

List of Publications by Year
in descending order

28 papers	3,094 citations	394421 19 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	4516 citing authors

#	Article	IF	Citations
1	Oligodendroglia metabolically support axons and contribute to neurodegeneration. Nature, 2012, 487, 443-448.	27.8	1,287
2	Metabolic support of tumour-infiltrating regulatory T cells by lactic acid. Nature, 2021, 591, 645-651.	27.8	492
3	Oligodendroglia: metabolic supporters of axons. Trends in Cell Biology, 2013, 23, 644-651.	7.9	196
4	Glia-neuron energy metabolism in health and diseases: New insights into the role of nervous system metabolic transporters. Experimental Neurology, 2018, 309, 23-31.	4.1	123
5	Time course of neuropathology in the spinal cord of G86R superoxide dismutase transgenic mice. Journal of Comparative Neurology, 1998, 391, 64-77.	1.6	91
6	Quantitative immunocytochemical analysis of the spinal cord in G86R superoxide dismutase transgenic mice: Neurochemical correlates of selective vulnerability. , 1996, 373, 619-631.		83
7	Amyotrophic lateral sclerosis associated with mutations in superoxide dismutase: a putative mechanism of degeneration. Brain Research Reviews, 1999, 29, 121-135.	9.0	78
8	Motor neuron disease, TDP-43 pathology, and memory deficits in mice expressing ALSâ€“FTD-linked <i>UBQLN2</i> mutations. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7580-E7589.	7.1	77
9	A soluble activin type IIB receptor improves function in a mouse model of amyotrophic lateral sclerosis. Experimental Neurology, 2009, 217, 258-268.	4.1	75
10	Deficiency in monocarboxylate transporter 1 (MCT1) in mice delays regeneration of peripheral nerves following sciatic nerve crush. Experimental Neurology, 2015, 263, 325-338.	4.1	71
11	MCT1 Deletion in Oligodendrocyte Lineage Cells Causes Late-Onset Hypomyelination and Axonal Degeneration. Cell Reports, 2021, 34, 108610.	6.4	65
12	Neuromuscular Diseases. Seminars in Neurology, 2016, 36, 409-418.	1.4	59
13	Magnetic resonance imaging of mouse skeletal muscle to measure denervation atrophy. Experimental Neurology, 2008, 212, 448-457.	4.1	58
14	Light and electron microscopic distribution of the AMPA receptor subunit, GluR2, in the spinal cord of control and G86R mutant superoxide dismutase transgenic mice. , 1998, 395, 523-534.		57
15	Genetically Decreased Spinal Cord Copper Concentration Prolongs Life in a Transgenic Mouse Model of Amyotrophic Lateral Sclerosis. Journal of Neuroscience, 2004, 24, 7945-7950.	3.6	50
16	Monocarboxylate transporter 1 in Schwann cells contributes to maintenance of sensory nerve myelination during aging. Glia, 2020, 68, 161-177.	4.9	46
17	Lactate Transporters Mediate Glia-Neuron Metabolic Crosstalk in Homeostasis and Disease. Frontiers in Cellular Neuroscience, 2020, 14, 589582.	3.7	35
18	Absence of Survival and Motor Deficits in 500 Repeat C9ORF72 BAC Mice. Neuron, 2020, 108, 775-783.e4.	8.1	33

#	Article	IF	Citations
19	Macrophage monocarboxylate transporter 1 promotes peripheral nerve regeneration after injury in mice. Journal of Clinical Investigation, 2021, 131, .	8.2	29
20	Early and Selective Pathology of Light Chain Neurofilament in the Spinal Cord and Sciatic Nerve of G86R Mutant Superoxide Dismutase Transgenic Mice. Experimental Neurology, 2000, 165, 207-220.	4.1	27
21	Superoxide dismutase and neurofilament transgenic models of amyotrophic lateral sclerosis. The Journal of Experimental Zoology, 1998, 282, 32-47.	1.4	23
22	Expanding the spectrum of monoclonal light chain deposition disease in muscle. Muscle and Nerve, 2012, 45, 755-761.	2.2	15
23	Reducing monocarboxylate transporter MCT1 worsens experimental diabetic peripheral neuropathy. Experimental Neurology, 2020, 333, 113415.	4.1	11
24	Medication, Toxic, and Vitamin-Related Neuropathies. CONTINUUM Lifelong Learning in Neurology, 2012, 18, 139-160.	0.8	5
25	Metabolic Transporters in the Peripheral Nerveâ€”What, Where, and Why?. Neurotherapeutics, 2021, 18, 2185-2199.	4.4	5
26	Amyotrophic Lateral Sclerosis and Novel Therapeutic Strategies. Neurology Research International, 2012, 2012, 1-3.	1.3	2
27	Surprising New Players in Glia-Neuron Crosstalk: Role in CNS Regeneration. Cell Metabolism, 2020, 32, 695-696.	16.2	1
28	Approach to the Patient with Abnormal Cerebrospinal Fluid Glucose Content. , 2009, , 281-285.		0