

Christian S Lobsiger

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,665
citations

394286

19
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

5181
citing authors

#	ARTICLE	IF	CITATIONS
1	Onset and Progression in Inherited ALS Determined by Motor Neurons and Microglia. <i>Science</i> , 2006, 312, 1389-1392.	6.0	1,457
2	Antisense oligonucleotide therapy for neurodegenerative disease. <i>Journal of Clinical Investigation</i> , 2006, 116, 2290-2296.	3.9	425
3	Glial cells as intrinsic components of non-cell-autonomous neurodegenerative disease. <i>Nature Neuroscience</i> , 2007, 10, 1355-1360.	7.1	406
4	Schwann cells expressing dismutase active mutant SOD1 unexpectedly slow disease progression in ALS mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4465-4470.	3.3	148
5	NF-M is an essential target for the myelin-directed "outside-in" signaling cascade that mediates radial axonal growth. <i>Journal of Cell Biology</i> , 2003, 163, 1011-1020.	2.3	143
6	Toxicity from different SOD1 mutants dysregulates the complement system and the neuronal regenerative response in ALS motor neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7319-7326.	3.3	124
7	Misfolded SOD1 Associated with Motor Neuron Mitochondria Alters Mitochondrial Shape and Distribution Prior to Clinical Onset. <i>PLoS ONE</i> , 2011, 6, e22031.	1.1	116
8	Membrane-Bound Neuregulin1 Type III Actively Promotes Schwann Cell Differentiation of Multipotent Progenitor Cells. <i>Developmental Biology</i> , 2002, 246, 245-258.	0.9	87
9	System xC ⁻ is a mediator of microglial function and its deletion slows symptoms in amyotrophic lateral sclerosis mice. <i>Brain</i> , 2015, 138, 53-68.	3.7	85
10	Altered axonal architecture by removal of the heavily phosphorylated neurofilament tail domains strongly slows superoxide dismutase 1 mutant-mediated ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10351-10356.	3.3	70
11	Modifying macrophages at the periphery has the capacity to change microglial reactivity and to extend ALS survival. <i>Nature Neuroscience</i> , 2020, 23, 1339-1351.	7.1	69
12	Mitochondrial defect in muscle precedes neuromuscular junction degeneration and motor neuron death in CHCHD10S59L/+ mouse. <i>Acta Neuropathologica</i> , 2019, 138, 123-145.	3.9	61
13	C1q induction and global complement pathway activation do not contribute to ALS toxicity in mutant SOD1 mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4385-92.	3.3	60
14	Identification and Characterization of a cDNA and the Structural Gene Encoding the Mouse Epithelial Membrane Protein-1. <i>Genomics</i> , 1996, 36, 379-387.	1.3	57
15	Heterozygous <i>Tbk1</i> loss has opposing effects in early and late stages of ALS in mice. <i>Journal of Experimental Medicine</i> , 2019, 216, 267-278.	4.2	57
16	The Early Life of a Schwann Cell. <i>Biological Chemistry</i> , 2002, 383, 245-53.	1.2	56
17	Analysis of monocyte infiltration in MPTP mice reveals that microglial CX3CR1 protects against neurotoxic over-induction of monocyte-attracting CCL2 by astrocytes. <i>Journal of Neuroinflammation</i> , 2017, 14, 60.	3.1	50
18	Platelet-derived growth factor-BB supports the survival of cultured rat schwann cell precursors in synergy with neurotrophin-3. , 2000, 30, 290-300.		40

#	ARTICLE	IF	CITATIONS
19	SpL201: A conditionally immortalized Schwann cell precursor line that generates myelin. <i>Glia</i> , 2001, 36, 31-47.	2.5	38
20	Dysfunction of mitochondrial Lon protease and identification of oxidized protein in mouse brain following exposure to MPTP: Implications for Parkinson disease. <i>Free Radical Biology and Medicine</i> , 2017, 108, 236-246.	1.3	36
21	New insights on the disease contribution of neuroinflammation in amyotrophic lateral sclerosis. <i>Current Opinion in Neurology</i> , 2019, 32, 764-770.	1.8	20
22	Ultrasound-Induced Bloodâ€“Spinal Cord Barrier Opening in Rabbits. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2417-2426.	0.7	15
23	Hemizygous deletion of <i>Tbk1</i> worsens neuromuscular junction pathology in TDP-43 transgenic mice. <i>Experimental Neurology</i> , 2021, 335, 113496.	2.0	15
24	The Amyotrophic Lateral Sclerosis M114T PFN1 Mutation Deregulates Alternative Autophagy Pathways and Mitochondrial Homeostasis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5694.	1.8	10
25	Haploinsufficiency of TANK-binding kinase 1 prepones age-associated neuroinflammatory changes without causing motor neuron degeneration in aged mice. <i>Brain Communications</i> , 2020, 2, fcaa133.	1.5	9
26	Reply to Woodruff et al.: C1q and C3-dependent complement pathway activation does not contribute to disease in SOD1 mutant ALS mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5.	3.3	4
27	Deletion of the inflammatory S100-A9/MRP14 protein does not influence survival in hSOD1G93A ALS mice. <i>Neurobiology of Aging</i> , 2021, 101, 181-186.	1.5	2