

Markus H Schwab

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,597
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2173
citing authors

#	ARTICLE	IF	CITATIONS
1	Axonal Neuregulin-1 Regulates Myelin Sheath Thickness. <i>Science</i> , 2004, 304, 700-703.	12.6	821
2	A role for Schwann cell-derived neuregulin-1 in remyelination. <i>Nature Neuroscience</i> , 2013, 16, 48-54.	14.8	237
3	Neuronal Basic Helix-Loop-Helix Proteins (NEX, neuroD, NDRF): Spatiotemporal Expression and Targeted Disruption of the NEX Gene in Transgenic Mice. <i>Journal of Neuroscience</i> , 1998, 18, 1408-1418.	3.6	114
4	Neuronal Basic Helix-Loop-Helix Proteins Neurod2/6 Regulate Cortical Commissure Formation before Midline Interactions. <i>Journal of Neuroscience</i> , 2013, 33, 641-651.	3.6	78
5	Bace1 processing of NRG1 type III produces a myelin-inducing signal but is not essential for the stimulation of myelination. <i>Glia</i> , 2012, 60, 203-217.	4.9	73
6	Neuregulin1 displayed on motor axons regulates terminal Schwann cell-mediated synapse elimination at developing neuromuscular junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E479-87.	7.1	64
7	NRG1 type I dependent autocrine stimulation of Schwann cells in onion bulbs of peripheral neuropathies. <i>Nature Communications</i> , 2019, 10, 1467.	12.8	36
8	Reprogramming of DNA methylation at NEUROD2-bound sequences during cortical neuron differentiation. <i>Science Advances</i> , 2019, 5, eaax0080.	10.3	32
9	Localization and dynamic changes of neuregulin-1 at Ca ^v type synaptic boutons in association with motor neuron injury and repair. <i>FASEB Journal</i> , 2019, 33, 7833-7851.	0.5	30
10	Cre/loxP-mediated inactivation of the bHLH transcription factor gene NeuroD/BETA2. <i>Genesis</i> , 2005, 42, 247-252.	1.6	28
11	Serotonin 5-HT ₄ receptor boosts functional maturation of dendritic spines via RhoA-dependent control of F-actin. <i>Communications Biology</i> , 2020, 3, 76.	4.4	26
12	NeuroD2 controls inhibitory circuit formation in the molecular layer of the cerebellum. <i>Scientific Reports</i> , 2019, 9, 1448.	3.3	20
13	Synergistic PXT3003 therapy uncouples neuromuscular function from dysmyelination in male Charcot-Marie-Tooth disease type 1A (CMT1A) rats. <i>Journal of Neuroscience Research</i> , 2020, 98, 1933-1952.	2.9	14
14	Investigation of Neuregulin-1 and Glial Cell-Derived Neurotrophic Factor in Rodent Astrocytes and Microglia. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 484-493.	2.3	11
15	Completion of neuronal remodeling prompts myelination along developing motor axon branches. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	7
16	Hyperactivity is a Core Endophenotype of Elevated Neuregulin-1 Signaling in Embryonic Glutamatergic Networks. <i>Schizophrenia Bulletin</i> , 2021, 47, 1409-1420.	4.3	3