

Andrew M Tan

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,516
citations

361413

20
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1809
citing authors

#	ARTICLE	IF	CITATIONS
1	BDNF-Hypersecreting Human Mesenchymal Stem Cells Promote Functional Recovery, Axonal Sprouting, and Protection of Corticospinal Neurons after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2009, 29, 14932-14941.	3.6	253
2	Antibodies against the NG2 Proteoglycan Promote the Regeneration of Sensory Axons within the Dorsal Columns of the Spinal Cord. <i>Journal of Neuroscience</i> , 2006, 26, 4729-4739.	3.6	118
3	Neuropathic Pain Memory Is Maintained by Rac1-Regulated Dendritic Spine Remodeling after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2008, 28, 13173-13183.	3.6	108
4	Selective Corticospinal Tract Injury in the Rat Induces Primary Afferent Fiber Sprouting in the Spinal Cord and Hyperreflexia. <i>Journal of Neuroscience</i> , 2012, 32, 12896-12908.	3.6	97
5	Maladaptive Dendritic Spine Remodeling Contributes to Diabetic Neuropathic Pain. <i>Journal of Neuroscience</i> , 2012, 32, 6795-6807.	3.6	94
6	Virus-mediated shRNA Knockdown of Nav1.3 in Rat Dorsal Root Ganglion Attenuates Nerve Injury-induced Neuropathic Pain. <i>Molecular Therapy</i> , 2013, 21, 49-56.	8.2	91
7	Rac1-regulated dendritic spine remodeling contributes to neuropathic pain after peripheral nerve injury. <i>Experimental Neurology</i> , 2011, 232, 222-233.	4.1	74
8	Unilateral Focal Burn Injury Is Followed by Long-Lasting Bilateral Allodynia and Neuronal Hyperexcitability in Spinal Cord Dorsal Horn. <i>Journal of Pain</i> , 2010, 11, 119-130.	1.4	73
9	Spinal cord injury, dendritic spine remodeling, and spinal memory mechanisms. <i>Experimental Neurology</i> , 2012, 235, 142-151.	4.1	70
10	Conditional knockout of Nav1.6 in adult mice ameliorates neuropathic pain. <i>Scientific Reports</i> , 2018, 8, 3845.	3.3	66
11	Virus-Mediated Knockdown of Nav1.3 in Dorsal Root Ganglia of STZ-Induced Diabetic Rats Alleviates Tactile Allodynia. <i>Molecular Medicine</i> , 2015, 21, 544-552.	4.4	62
12	Thalamic neuron hyperexcitability and enlarged receptive fields in the STZ model of diabetic pain. <i>Brain Research</i> , 2009, 1268, 154-161.	2.2	58
13	Title is missing!. <i>Journal of Rehabilitation Research and Development</i> , 2009, 46, 123.	1.6	50
14	Dendritic Spine Remodeling After Spinal Cord Injury Alters Neuronal Signal Processing. <i>Journal of Neurophysiology</i> , 2009, 102, 2396-2409.	1.8	44
15	Dendritic spine dysgenesis contributes to hyperreflexia after spinal cord injury. <i>Journal of Neurophysiology</i> , 2015, 113, 1598-1615.	1.8	42
16	Burn injury-induced mechanical allodynia is maintained by Rac1-regulated dendritic spine dysgenesis. <i>Experimental Neurology</i> , 2013, 248, 509-519.	4.1	32
17	Dendritic spine remodeling following early and late Rac1 inhibition after spinal cord injury: evidence for a pain biomarker. <i>Journal of Neurophysiology</i> , 2016, 115, 2893-2910.	1.8	29
18	Dendritic spine dysgenesis in superficial dorsal horn sensory neurons after spinal cord injury. <i>Molecular Pain</i> , 2017, 13, 174480691668801.	2.1	26

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19	Dendritic spine dysgenesis in neuropathic pain. <i>Neuroscience Letters</i> , 2015, 601, 54-60.	2.1	25
20	Sensory afferents regenerated into dorsal columns after spinal cord injury remain in a chronic pathophysiological state. <i>Experimental Neurology</i> , 2007, 206, 257-268.	4.1	24
21	Sodium channel Nav1.6 in sensory neurons contributes to vincristine-induced allodynia. <i>Brain</i> , 2020, 143, 2421-2436.	7.6	20
22	Therapeutic potential of Pak1 inhibition for pain associated with cutaneous burn injury. <i>Molecular Pain</i> , 2018, 14, 174480691878864.	2.1	12
23	Spinal cord motor neuron plasticity accompanies second-degree burn injury and chronic pain. <i>Physiological Reports</i> , 2019, 7, e14288.	1.7	12
24	Dendritic Spine Dynamics after Peripheral Nerve Injury: An Intravital Structural Study. <i>Journal of Neuroscience</i> , 2020, 40, 4297-4308.	3.6	12
25	Dendritic spine dysgenesis: An emerging concept in neuropsychiatric disease. <i>Neuroscience Letters</i> , 2015, 601, 1-3.	2.1	6
26	Conditional RAC1 knockout in motor neurons restores H-reflex rate-dependent depression after spinal cord injury. <i>Scientific Reports</i> , 2021, 11, 7838.	3.3	6
27	Dendritic Spines in the Spinal Cord: Live Action Pain. <i>Neuroscience Insights</i> , 2020, 15, 263310552095116.	1.6	4
28	B vitamins for pain following spinal cord trauma. <i>European Journal of Pain</i> , 2014, 18, 1-2.	2.8	3
29	Core principles for the implementation of the neurodata without borders data standard. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108972.	2.5	3
30	Emerging evidence for P body function in the peripheral nervous system. <i>Neuroscience Letters</i> , 2014, 563, 166-168.	2.1	2