

Michelle Y Cheng

List of Publications by Year in descending order

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35
papers

2,844
citations

331670

21
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

3282
citing authors

#	ARTICLE	IF	CITATIONS
1	Prokineticin 2 transmits the behavioural circadian rhythm of the suprachiasmatic nucleus. <i>Nature</i> , 2002, 417, 405-410.	27.8	643
2	Expression of the melanin-concentrating hormone (MCH) receptor mRNA in the rat brain. <i>Journal of Comparative Neurology</i> , 2001, 435, 26-40.	1.6	345
3	Dependence of Olfactory Bulb Neurogenesis on Prokineticin 2 Signaling. <i>Science</i> , 2005, 308, 1923-1927.	12.6	282
4	Optogenetic neuronal stimulation promotes functional recovery after stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12913-12918.	7.1	169
5	Attenuated Circadian Rhythms in Mice Lacking the Prokineticin 2 Gene. <i>Journal of Neuroscience</i> , 2006, 26, 11615-11623.	3.6	149
6	A Review of Magnetic Particle Imaging and Perspectives on Neuroimaging. <i>American Journal of Neuroradiology</i> , 2019, 40, 206-212.	2.4	133
7	Consensus Paper: Experimental Neurostimulation of the Cerebellum. <i>Cerebellum</i> , 2019, 18, 1064-1097.	2.5	120
8	Expression of prokineticins and their receptors in the adult mouse brain. <i>Journal of Comparative Neurology</i> , 2006, 498, 796-809.	1.6	103
9	A novel form of oxytocin in New World monkeys. <i>Biology Letters</i> , 2011, 7, 584-587.	2.3	80
10	PRAS40 plays a pivotal role in protecting against stroke by linking the Akt and mTOR pathways. <i>Neurobiology of Disease</i> , 2014, 66, 43-52.	4.4	78
11	Prokineticin 2 and circadian clock output. <i>FEBS Journal</i> , 2005, 272, 5703-5709.	4.7	74
12	Akt Isoforms Differentially Protect against Stroke-Induced Neuronal Injury by Regulating mTOR Activities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1875-1885.	4.3	70
13	Regulation of prokineticin 2 expression by light and the circadian clock. <i>BMC Neuroscience</i> , 2005, 6, 17.	1.9	67
14	Multimodal image registration and connectivity analysis for integration of connectomic data from microscopy to MRI. <i>Nature Communications</i> , 2019, 10, 5504.	12.8	66
15	Optogenetic neuronal stimulation of the lateral cerebellar nucleus promotes persistent functional recovery after stroke. <i>Scientific Reports</i> , 2017, 7, 46612.	3.3	59
16	Prokineticin 2 is an endangering mediator of cerebral ischemic injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5475-5480.	7.1	54
17	Mammalian Target of Rapamycin Cell Signaling Pathway Contributes to the Protective Effects of Ischemic Postconditioning Against Stroke. <i>Stroke</i> , 2014, 45, 2769-2776.	2.0	42
18	RNA-Sequencing Analysis Revealed a Distinct Motor Cortex Transcriptome in Spontaneously Recovered Mice After Stroke. <i>Stroke</i> , 2018, 49, 2191-2199.	2.0	39

#	ARTICLE	IF	CITATIONS
19	Unique Subtype of Microglia in Degenerative Thalamus After Cortical Stroke. <i>Stroke</i> , 2021, 52, 687-698.	2.0	38
20	Optogenetic Approaches to Target Specific Neural Circuits in Post-stroke Recovery. <i>Neurotherapeutics</i> , 2016, 13, 325-340.	4.4	34
21	Nicotine modulation of stress-related peptide neurons. <i>Journal of Comparative Neurology</i> , 2006, 497, 575-588.	1.6	33
22	Inflammatory Responses in the Secondary Thalamic Injury After Cortical Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 236.	2.4	22
23	Prokineticin 2 is involved in the thermoregulation and energy expenditure. <i>Regulatory Peptides</i> , 2012, 179, 84-90.	1.9	21
24	Optogenetic Approaches to Study Stroke Recovery. <i>ACS Chemical Neuroscience</i> , 2014, 5, 1144-1145.	3.5	19
25	Blocking Glucocorticoid and Enhancing Estrogenic Genomic Signaling Protects against Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 130-136.	4.3	16
26	Optogenetic modulation in stroke recovery. <i>Neurosurgical Focus</i> , 2016, 40, E6.	2.3	16
27	An Insult-Inducible Vector System Activated by Hypoxia and Oxidative Stress for Neuronal Gene Therapy. <i>Translational Stroke Research</i> , 2011, 2, 92-100.	4.2	15
28	Corticosterone treatment impairs auditory fear learning and the dendritic morphology of the rat inferior colliculus. <i>Hearing Research</i> , 2012, 294, 104-113.	2.0	12
29	Optogenetic Stimulation Reduces Neuronal Nitric Oxide Synthase Expression After Stroke. <i>Translational Stroke Research</i> , 2021, 12, 347-356.	4.2	12
30	Expression of prokineticin 2 and its receptor in the macaque monkey brain. <i>Chronobiology International</i> , 2016, 33, 191-199.	2.0	10
31	Brain-wide neural dynamics of poststroke recovery induced by optogenetic stimulation. <i>Science Advances</i> , 2021, 7, .	10.3	8
32	Learning to cope with stress modulates anterior cingulate cortex stargazin expression in monkeys and mice. <i>Neurobiology of Learning and Memory</i> , 2016, 131, 95-100.	1.9	7
33	The mTOR cell signaling pathway is crucial to the long-term protective effects of ischemic postconditioning against stroke. <i>Neuroscience Letters</i> , 2018, 676, 58-65.	2.1	7
34	Abstract TP115: Cellular and Molecular Characterization of Microglia in Secondary Thalamic Injury After Ischemic Stroke. <i>Stroke</i> , 2019, 50, .	2.0	1
35	Regulation of Prokineticin 2 Expression by Light and the Circadian Clock. , 2014, , 1-21.		0