

Swathi K Hullugundi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

192
citations

1163117

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1125743

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all docs

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docs citations

13
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute- and late-phase matrix metalloproteinase (MMP)-9 activity is comparable in female and male rats after peripheral nerve injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 89.	7.2	31
2	The Mechanism of Functional Up-Regulation of P2X3 Receptors of Trigeminal Sensory Neurons in a Genetic Mouse Model of Familial Hemiplegic Migraine Type 1 (FHM-1). <i>PLoS ONE</i> , 2013, 8, e60677.	2.5	31
3	A hyperexcitability phenotype in mouse trigeminal sensory neurons expressing the R192Q Cacna1a missense mutation of familial hemiplegic migraine type-1. <i>Neuroscience</i> , 2014, 266, 244-254.	2.3	23
4	Reciprocal relationship between membrane type 1 matrix metalloproteinase and the algescic peptides of myelin basic protein contributes to chronic neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 282-292.	4.1	21
5	Effects of LPS on P2X3 receptors of trigeminal sensory neurons and macrophages from mice expressing the R192Q Cacna1a gene mutation of familial hemiplegic migraine-1. <i>Purinergic Signalling</i> , 2013, 9, 7-13.	2.2	20
6	Calcium/calmodulin-dependent serine protein kinase (CASK) is a new intracellular modulator of P2X3 receptors. <i>Journal of Neurochemistry</i> , 2013, 126, 102-112.	3.9	17
7	A myelin basic protein fragment induces sexually dimorphic transcriptome signatures of neuropathic pain in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 10807-10821.	3.4	15
8	Matrix Metalloproteinase (MMP) Proteolysis of the Extracellular Loop of Voltage-gated Sodium Channels and Potential Alterations in Pain Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 22939-22944.	3.4	11
9	Mutated Ca ^v 2.1 Channels Dysregulate CASK/P2X3 Signaling in Mouse Trigeminal Sensory Neurons of R192Q Cacna1a Knock-in Mice. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-62.	2.1	6
10	A sensitive and selective ELISA methodology quantifies a demyelination marker in experimental and clinical samples. <i>Journal of Immunological Methods</i> , 2018, 455, 80-87.	1.4	6
11	Amino acid sequence conservation of the algescic fragment of myelin basic protein is required for its interaction with CDK 5 and function in pain. <i>FEBS Journal</i> , 2018, 285, 3485-3502.	4.7	5
12	Interaction of the cryptic fragment of myelin basic protein with mitochondrial voltage-dependent anion-selective channel-1 affects cell energy metabolism. <i>Biochemical Journal</i> , 2018, 475, 2355-2376.	3.7	3
13	Sex-Specific B Cell and Anti-Myelin Autoantibody Response After Peripheral Nerve Injury. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 835800.	3.7	3