

Brian S Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

729
citations

759233

12
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Restoration of brain circulation and cellular functions hours post-mortem. <i>Nature</i> , 2019, 568, 336-343.	27.8	175
2	A Gain-of-Function Mutation in Nav1.6 in a Case of Trigeminal Neuralgia. <i>Molecular Medicine</i> , 2016, 22, 338-348.	4.4	98
3	Regulation of Thalamic and Cortical Network Synchrony by Scn8a. <i>Neuron</i> , 2017, 93, 1165-1179.e6.	8.1	93
4	Resilience to Pain: A Peripheral Component Identified Using Induced Pluripotent Stem Cells and Dynamic Clamp. <i>Journal of Neuroscience</i> , 2019, 39, 382-392.	3.6	66
5	Shaker-Related Potassium Channels in the Central Medial Nucleus of the Thalamus Are Important Molecular Targets for Arousal Suppression by Volatile General Anesthetics. <i>Journal of Neuroscience</i> , 2013, 33, 16310-16322.	3.6	58
6	Building sensory axons: Delivery and distribution of Na ^V 1.7 channels and effects of inflammatory mediators. <i>Science Advances</i> , 2019, 5, eaax4755.	10.3	46
7	Role of the hippocampus in Nav1.6 (Scn8a) mediated seizure resistance. <i>Neurobiology of Disease</i> , 2014, 68, 16-25.	4.4	41
8	The Riluzole Derivative 2-Amino-6-trifluoromethylthio-benzothiazole (SKA-19), a Mixed KCa2 Activator and NaV Blocker, is a Potent Novel Anticonvulsant. <i>Neurotherapeutics</i> , 2015, 12, 234-249.	4.4	33
9	Na ^V 1.6 regulates excitability of mechanosensitive sensory neurons. <i>Journal of Physiology</i> , 2019, 597, 3751-3768.	2.9	31
10	Differential effect of lacosamide on Nav1.7 variants from responsive and non-responsive patients with small fibre neuropathy. <i>Brain</i> , 2020, 143, 771-782.	7.6	31
11	Gain-of-function mutation of a voltage-gated sodium channel NaV1.7 associated with peripheral pain and impaired limb development. <i>Journal of Biological Chemistry</i> , 2017, 292, 9262-9272.	3.4	21
12	Atypical changes in DRG neuron excitability and complex pain phenotype associated with a Nav1.7 mutation that massively hyperpolarizes activation. <i>Scientific Reports</i> , 2018, 8, 1811.	3.3	14
13	<i>KCNQ</i> variants and pain modulation: a missense variant in Kv7.3 contributes to pain resilience. <i>Brain Communications</i> , 2021, 3, fcab212.	3.3	13
14	Lacosamide Inhibition of NaV1.7 Channels Depends on its Interaction With the Voltage Sensor Domain and the Channel Pore. <i>Frontiers in Pharmacology</i> , 2021, 12, 791740.	3.5	5
15	Alternative polyadenylation signals in the 3' UTR non-coding region of a voltage-gated potassium channel gene are major determinants of mRNA isoform expression. <i>Gene</i> , 2008, 408, 133-145.	2.2	2
16	Pharmacological activity and NMR solution structure of the leech peptide HSTX-I. <i>Biochemical Pharmacology</i> , 2020, 181, 114082.	4.4	2