Brian S Tanaka

List of Publications by Year
in descending order

16	729	759233 12	940533 16
papers	citations	h-index	g-index

16	16	16	1207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	KCNQ variants and pain modulation: a missense variant in Kv7.3 contributes to pain resilience. Brain Communications, 2021, 3, fcab212.	3.3	13
2	Lacosamide Inhibition of NaV1.7 Channels Depends on its Interaction With the Voltage Sensor Domain and the Channel Pore. Frontiers in Pharmacology, 2021, 12, 791740.	3.5	5
3	Pharmacological activity and NMR solution structure of the leech peptide HSTX-I. Biochemical Pharmacology, 2020, 181, 114082.	4.4	2
4	Differential effect of lacosamide on Nav1.7 variants from responsive and non-responsive patients with small fibre neuropathy. Brain, 2020, 143, 771-782.	7.6	31
5	Building sensory axons: Delivery and distribution of Na _V 1.7 channels and effects of inflammatory mediators. Science Advances, 2019, 5, eaax4755.	10.3	46
6	Na_V1.6 regulates excitability of mechanosensitive sensory neurons. Journal of Physiology, 2019, 597, 3751-3768.	2.9	31
7	Restoration of brain circulation and cellular functions hours post-mortem. Nature, 2019, 568, 336-343.	27.8	175
8	Resilience to Pain: A Peripheral Component Identified Using Induced Pluripotent Stem Cells and Dynamic Clamp. Journal of Neuroscience, 2019, 39, 382-392.	3.6	66
9	Atypical changes in DRG neuron excitability and complex pain phenotype associated with a Nav1.7 mutation that massively hyperpolarizes activation. Scientific Reports, 2018, 8, 1811.	3.3	14
10	Regulation of Thalamic and Cortical Network Synchrony by Scn8a. Neuron, 2017, 93, 1165-1179.e6.	8.1	93
11	Gain-of-function mutation of a voltage-gated sodium channel NaV1.7 associated with peripheral pain and impaired limb development. Journal of Biological Chemistry, 2017, 292, 9262-9272.	3.4	21
12	A Gain-of-Function Mutation in Nav1.6 in a Case of Trigeminal Neuralgia. Molecular Medicine, 2016, 22, 338-348.	4.4	98
13	The Riluzole Derivative 2-Amino-6-trifluoromethylthio-benzothiazole (SKA-19), a Mixed KCa2 Activator and NaV Blocker, is a Potent Novel Anticonvulsant. Neurotherapeutics, 2015, 12, 234-249.	4.4	33
14	Role of the hippocampus in Nav1.6 (Scn8a) mediated seizure resistance. Neurobiology of Disease, 2014, 68, 16-25.	4.4	41
15	Shaker-Related Potassium Channels in the Central Medial Nucleus of the Thalamus Are Important Molecular Targets for Arousal Suppression by Volatile General Anesthetics. Journal of Neuroscience, 2013, 33, 16310-16322.	3.6	58
16	Alternative polyadenylation signals in the 3â€² non-coding region of a voltage-gated potassium channel gene are major determinants of mRNA isoform expression. Gene, 2008, 408, 133-145.	2.2	2