Greg A Weir

List of Publications by Year
in descending order

14 papers	1,038 citations	759233 12 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	2166 citing authors

#	Article	IF	Citations
1	C9orf72 Hexanucleotide Expansions Are Associated with Altered Endoplasmic Reticulum Calcium Homeostasis and Stress Granule Formation in Induced Pluripotent Stem Cell-Derived Neurons from Patients with Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. Stem Cells, 2016, 34, 2063-2078.	3.2	195
2	Neuropilins lock secreted semaphorins onto plexins in a ternary signaling complex. Nature Structural and Molecular Biology, 2012, 19, 1293-1299.	8.2	160
3	Defining the Functional Role of NaV1.7 in Human Nociception. Neuron, 2019, 101, 905-919.e8.	8.1	140
4	Immune or Genetic-Mediated Disruption of CASPR2 Causes Pain Hypersensitivity Due to Enhanced Primary Afferent Excitability. Neuron, 2018, 97, 806-822.e10.	8.1	119
5	A simple, step-by-step dissection protocol for the rapid isolation of mouse dorsal root ganglia. BMC Research Notes, 2016, 9, 82.	1.4	106
6	The Genetics of Neuropathic Pain from Model Organisms to Clinical Application. Neuron, 2019, 104, 637-653.	8.1	71
7	Using an engineered glutamate-gated chloride channel to silence sensory neurons and treat neuropathic pain at the source. Brain, 2017, 140, 2570-2585.	7.6	50
8	A causal role for TRESK loss of function in migraine mechanisms. Brain, 2019, 142, 3852-3867.	7.6	49
9	Molecular and cellular correlates of human nerve regeneration: ADCYAP1/PACAP enhance nerve outgrowth. Brain, 2020, 143, 2009-2026.	7.6	41
10	Cloxyquin (5-chloroquinolin-8-ol) is an activator of the two-pore domain potassium channel TRESK. Biochemical and Biophysical Research Communications, 2013, 441, 463-468.	2.1	30
11	The Role of TRESK in Discrete Sensory Neuron Populations and Somatosensory Processing. Frontiers in Molecular Neuroscience, 2019, 12, 170.	2.9	26
12	New directions in migraine. BMC Medicine, 2011, 9, 116.	5.5	25
13	Nav1.7 is required for normal C-low threshold mechanoreceptor function in humans and mice. Brain, 2022, 145, 3637-3653.	7.6	18
14	Cellular models of pain: New technologies and their potential to progress preclinical research. Neurobiology of Pain (Cambridge, Mass), 2021, 10, 100063.	2.5	8