

Patrick L Sheets

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,011
citations

361413

20
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2681
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles of sodium channels in nociception: Implications for mechanisms of pain. <i>Pain</i> , 2007, 131, 243-257.	4.2	402
2	Sublayer-specific microcircuits of corticospinal and corticostriatal neurons in motor cortex. <i>Nature Neuroscience</i> , 2010, 13, 739-744.	14.8	239
3	Differential Block of Sensory Neuronal Voltage-Gated Sodium Channels by Lacosamide [(2 <i>R</i>)-2-(Acetylamino)- <i>N</i> -benzyl-3-methoxypropanamide], Lidocaine, and Carbamazepine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 89-99.	2.5	177
4	A Nav1.7 channel mutation associated with hereditary erythromelalgia contributes to neuronal hyperexcitability and displays reduced lidocaine sensitivity. <i>Journal of Physiology</i> , 2007, 581, 1019-1031.	2.9	158
5	Corticospinal-specific HCN expression in mouse motor cortex: <i>h</i> -dependent synaptic integration as a candidate microcircuit mechanism involved in motor control. <i>Journal of Neurophysiology</i> , 2011, 106, 2216-2231.	1.8	112
6	Altered Excitability and Local Connectivity of mPFC-PAG Neurons in a Mouse Model of Neuropathic Pain. <i>Journal of Neuroscience</i> , 2018, 38, 4829-4839.	3.6	104
7	Paroxysmal extreme pain disorder mutations within the D3/S4-S5 linker of Nav1.7 cause moderate destabilization of fast inactivation. <i>Journal of Physiology</i> , 2008, 586, 4137-4153.	2.9	77
8	Specific Targeting of the Basolateral Amygdala to Projectionally Defined Pyramidal Neurons in Prelimbic and Infralimbic Cortex. <i>ENeuro</i> , 2016, 3, ENEURO.0002-16.2016.	1.9	76
9	The central amygdala to periaqueductal gray pathway comprises intrinsically distinct neurons differentially affected in a model of inflammatory pain. <i>Journal of Physiology</i> , 2018, 596, 6289-6305.	2.9	72
10	eGFP Expression under <i>UCHL1</i> Promoter Genetically Labels Corticospinal Motor Neurons and a Subpopulation of Degeneration-Resistant Spinal Motor Neurons in an ALS Mouse Model. <i>Journal of Neuroscience</i> , 2013, 33, 7890-7904.	3.6	69
11	Local-circuit phenotypes of layer 5 neurons in motor-frontal cortex of YFP-H mice. <i>Frontiers in Neural Circuits</i> , 2008, 2, 6.	2.8	67
12	Benzene metabolism in human lung cell lines BEAS-2B and A549 and cells overexpressing CYP2F1. <i>Journal of Biochemical and Molecular Toxicology</i> , 2004, 18, 92-99.	3.0	54
13	KB7943, an inhibitor of the reverse Na ⁺ /Ca ²⁺ exchanger, blocks N-methyl-D-aspartate receptor and inhibits mitochondrial complex I. <i>British Journal of Pharmacology</i> , 2011, 162, 255-270.	5.4	50
14	Lidocaine reduces the transition to slow inactivation in Nav1.7 voltage-gated sodium channels. <i>British Journal of Pharmacology</i> , 2011, 164, 719-730.	5.4	45
15	Delayed calcium dysregulation in neurons requires both the NMDA receptor and the reverse Na ⁺ /Ca ²⁺ exchanger. <i>Neurobiology of Disease</i> , 2012, 46, 109-117.	4.4	45
16	Tlx3 exerts context-dependent transcriptional regulation and promotes neuronal differentiation from embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5780-5785.	7.1	36
17	Highly differentiated cellular and circuit properties of infralimbic pyramidal neurons projecting to the periaqueductal gray and amygdala. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 161.	3.7	34
18	Prenatal methadone exposure disrupts behavioral development and alters motor neuron intrinsic properties and local circuitry. <i>ELife</i> , 2021, 10, .	6.0	32

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19	Sex-Specific Disruption of Distinct mPFC Inhibitory Neurons in Spared-Nerve Injury Model of Neuropathic Pain. <i>Cell Reports</i> , 2020, 31, 107729.	6.4	31
20	Spared nerve injury differentially alters parabrachial monosynaptic excitatory inputs to molecularly specific neurons in distinct subregions of the central amygdala. <i>Pain</i> , 2020, 161, 166-176.	4.2	29
21	Systemic Platelet Dysfunction Is the Result of Local Dysregulated Coagulation and Platelet Activation in the Brain in a Rat Model of Isolated Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1672-1675.	3.4	25
22	Peripheral nerve injury reduces the excitation-inhibition balance of basolateral amygdala inputs to prelimbic pyramidal neurons projecting to the periaqueductal gray. <i>Molecular Brain</i> , 2020, 13, 100.	2.6	16
23	Inhibition of Nav1.7 and Nav1.4 Sodium Channels by Trifluoperazine Involves the Local Anesthetic Receptor. <i>Journal of Neurophysiology</i> , 2006, 96, 1848-1859.	1.8	14
24	Gpr17 deficiency in POMC neurons ameliorates the metabolic derangements caused by long-term high-fat diet feeding. <i>Nutrition and Diabetes</i> , 2019, 9, 29.	3.2	14
25	The Electrophysiological Determinants of Corticospinal Motor Neuron Vulnerability in ALS. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 73.	2.9	11
26	Cortical Circuits for Motor Control. <i>Neuropsychopharmacology</i> , 2011, 36, 365-366.	5.4	7
27	Probing NMDA receptor GluN2A and GluN2B subunit expression and distribution in cortical neurons. <i>Neuropharmacology</i> , 2014, 79, 542-549.	4.1	7
28	Sphingosine-1-phosphate receptor 1 agonist SEW2871 alters membrane properties of late-firing somatostatin expressing neurons in the central lateral amygdala. <i>Neuropharmacology</i> , 2022, 203, 108885.	4.1	4
29	Topographic organization underlies intrinsic and morphological heterogeneity of central amygdala neurons expressing corticotropin-releasing hormone. <i>Journal of Comparative Neurology</i> , 2022, 530, 2286-2303.	1.6	4