Durga P Mohapatra

List of Publications by Year
in descending order

51 papers	4,374 citations	147801 31 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	5490 citing authors

#	Article	IF	Citations
1	Attenuation of Unevoked Mechanical and Cold Pain Hypersensitivities Associated With Experimental Neuropathy in Mice by Angiotensin II Type-2 Receptor Antagonism. Anesthesia and Analgesia, 2019, 128, e84-e87.	2.2	15
2	Mechanisms underlying mechanical sensitization induced by complement C5a: the roles of macrophages, TRPV1, and calcitonin gene-related peptide receptors. Pain, 2019, 160, 702-711.	4.2	35
3	Î±-Actinin Anchors PSD-95 at Postsynaptic Sites. Neuron, 2018, 97, 1094-1109.e9.	8.1	53
4	Pharmacological validation of voluntary gait and mechanical sensitivity assays associated with inflammatory and neuropathic pain in mice. Neuropharmacology, 2018, 130, 18-29.	4.1	51
5	Parathyroid hormoneâ€related peptide activates and modulates <scp>TRPV</scp>1 channel in human <scp>DRG</scp> neurons. European Journal of Pain, 2018, 22, 1685-1690.	2.8	8
6	Angiotensin II Triggers Peripheral Macrophage-to-Sensory Neuron Redox Crosstalk to Elicit Pain. Journal of Neuroscience, 2018, 38, 7032-7057.	3.6	92
7	Deficits in Burrowing Behaviors Are Associated With Mouse Models of Neuropathic but Not Inflammatory Pain or Migraine. Frontiers in Behavioral Neuroscience, 2018, 12, 124.	2.0	28
8	Parathyroid Hormone-Related Peptide Elicits Peripheral TRPV1-dependent Mechanical Hypersensitivity. Frontiers in Cellular Neuroscience, 2018, 12, 38.	3.7	20
9	Macrophage angiotensin II type 2 receptor triggers neuropathic pain. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8057-E8066.	7.1	107
10	Neuropathic Pain: Central vs. Peripheral Mechanisms. Current Pain and Headache Reports, 2017, 21, 28.	2.9	290
11	Inflammation and nerve injury minimally affect mouse voluntary behaviors proposed as indicators of pain. Neurobiology of Pain (Cambridge, Mass), 2017, 2, 1-12.	2.5	59
12	Nociceptive TRP Channels: Sensory Detectors and Transducers in Multiple Pain Pathologies. Pharmaceuticals, 2016, 9, 72.	3.8	92
13	Abnormal trigeminal sensory processing in obese mice. Pain, 2016, 157, 235-246.	4.2	20
14	The Complement System Component C5a Produces Thermal Hyperalgesia via Macrophage-to-Nociceptor Signaling That Requires NGF and TRPV1. Journal of Neuroscience, 2016, 36, 5055-5070.	3.6	64
15	Convergent phosphomodulation of the major neuronal dendritic potassium channel Kv4.2 by pituitary adenylate cyclase-activating polypeptide. Neuropharmacology, 2016, 101, 291-308.	4.1	27
16	Induction of thermal and mechanical hypersensitivity by parathyroid hormoneâ€"related peptide through upregulation of TRPV1 function and trafficking. Pain, 2015, 156, 1620-1636.	4.2	24
17	Sensory TRP Channels. Progress in Molecular Biology and Translational Science, 2015, 131, 73-118.	1.7	117
18	Interference With Peroxisome Proliferator-Activated Receptor-Î³ in Vascular Smooth Muscle Causes Baroreflex Impairment and Autonomic Dysfunction. Hypertension, 2014, 64, 590-596.	2.7	13

#	ARTICLE	IF	CITATIONS
19	Abnormal differentiation of dopaminergic neurons in zebrafish trpm7 mutant larvae impairs development of the motor pattern. Developmental Biology, 2014, 386, 428-439.	2.0	31
20	Disruption of the non-canonical Wnt gene PRICKLE2 leads to autism-like behaviors with evidence for hippocampal synaptic dysfunction. Molecular Psychiatry, 2013, 18, 1077-1089.	7.9	74
21	The non-canonical Wnt ligand Wnt5a rescues morphological deficits in Prickle2-deficient hippocampal neurons. Molecular Psychiatry, 2013, 18, 1049-1049.	7.9	7
22	Competition between Î±-actinin and Ca2+-Calmodulin Controls Surface Retention of the L-type Ca2+ Channel CaV1.2. Neuron, 2013, 78, 483-497.	8.1	97
23	Chemokine Co-Receptor CCR5/CXCR4-Dependent Modulation of Kv2.1 Channel Confers Acute Neuroprotection to HIV-1 Glycoprotein gp120 Exposure. PLoS ONE, 2013, 8, e76698.	2.5	28
24	Distinct Activation Properties of the Nuclear Factor of Activated T-cells (NFAT) Isoforms NFATc3 and NFATc4 in Neurons. Journal of Biological Chemistry, 2012, 287, 37594-37609.	3.4	40
25	Regulator of G Protein Signaling 6 (RGS6) Protein Ensures Coordination of Motor Movement by Modulating GABAB Receptor Signaling. Journal of Biological Chemistry, 2012, 287, 4972-4981.	3.4	43
26	The C-Type Natriuretic Peptide Induces Thermal Hyperalgesia through a Noncanonical GÎ²Î³-dependent Modulation of TRPV1 Channel. Journal of Neuroscience, 2012, 32, 11942-11955.	3.6	44
27	Tissue Preparation and Immunostaining of Mouse Sensory Nerve Fibers Innervating Skin and Limb Bones. Journal of Visualized Experiments, 2012, , e3485.	0.3	13
28	Distinct Modifications in Kv2.1 Channel via Chemokine Receptor CXCR4 Regulate Neuronal Survival-Death Dynamics. Journal of Neuroscience, 2012, 32, 17725-17739.	3.6	33
29	The Silent K+ Channel Subunit, KV6.4. Influences the Gating Charge Movement of KV2.1 in a Heterotetrameric Channel Complex. Biophysical Journal, 2012, 102, 532a.	0.5	0
30	TRPV1 is important for mechanical and heat sensitivity in uninjured animals and development of heat hypersensitivity after muscle inflammation. Pain, 2012, 153, 1664-1672.	4.2	44
31	The Electrically Silent Kv6.4 Subunit Confers Hyperpolarized Gating Charge Movement in Kv2.1/Kv6.4 Heterotetrameric Channels. PLoS ONE, 2012, 7, e37143.	2.5	21
32	Regulator of G Protein Signaling 6 (RGS6) ensures coordination of motor movement by modulating GABA B Receptor (GABA B R) signaling. FASEB Journal, 2012, 26, 972.8.	0.5	0
33	RGS6, a Modulator of Parasympathetic Activation in Heart. Circulation Research, 2010, 107, 1345-1349.	4.5	104
34	SynDIG1: An Activity-Regulated, AMPA- Receptor-Interacting Transmembrane Protein that Regulates Excitatory Synapse Development. Neuron, 2010, 65, 80-93.	8.1	128
35	Regulation of intrinsic excitability in hippocampal neurons by activity-dependent modulation of the K_V2.1 potassium channel. Channels, 2009, 3, 46-56.	2.8	85
36	Interdomain Cytoplasmic Interactions Govern the Intracellular Trafficking, Gating, and Modulation of the Kv2.1 Channel. Journal of Neuroscience, 2008, 28, 4982-4994.	3.6	47

#	Article	IF	Citations
37	Localization and Targeting of Voltage-Dependent Ion Channels in Mammalian Central Neurons. Physiological Reviews, 2008, 88, 1407-1447.	28.8	447
38	Use-Dependent Block by Lidocaine but Not Amitriptyline Is More Pronounced in Tetrodotoxin (TTX)-Resistant Nav1.8 Than in TTX-Sensitive Na+ Channels. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 354-364.	2.5	76
39	Proteomic Analyses of K_v2.1 Channel Phosphorylation Sites Determining Cell Background-Specific Differences in Function. Channels, 2007, 1, 59-61.	2.8	21
40	The Surprising Catch of a Voltage-Gated Potassium Channel in a Neuronal SNARE. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe37.	3.9	5
41	Regulation of Kvl channel trafficking by the mamba snake neurotoxin dendrotoxin K. FASEB Journal, 2007, 21, 906-914.	0.5	33
42	Dynamic regulation of the voltage-gated Kv2.1 potassium channel by multisite phosphorylation. Biochemical Society Transactions, 2007, 35, 1064-1068.	3.4	60
43	Bidirectional Activity-Dependent Regulation of Neuronal Ion Channel Phosphorylation. Journal of Neuroscience, 2006, 26, 13505-13514.	3.6	102
44	The Kv2.1 C Terminus Can Autonomously Transfer Kv2.1-Like Phosphorylation-Dependent Localization, Voltage-Dependent Gating, and Muscarinic Modulation to Diverse Kv Channels. Journal of Neuroscience, 2006, 26, 685-695.	3.6	97
45	Graded Regulation of the Kv2.1 Potassium Channel by Variable Phosphorylation. Science, 2006, 313, 976-979.	12.6	259
46	Regulation of Ca2+-dependent Desensitization in the Vanilloid Receptor TRPV1 by Calcineurin and cAMP-dependent Protein Kinase. Journal of Biological Chemistry, 2005, 280, 13424-13432.	3.4	254
47	Calcium- and Metabolic State-Dependent Modulation of the Voltage-Dependent Kv2.1 Channel Regulates Neuronal Excitability in Response to Ischemia. Journal of Neuroscience, 2005, 25, 11184-11193.	3.6	171
48	Kv2.1: A Voltage-Gated K+ Channel Critical to Dynamic Control of Neuronal Excitability. NeuroToxicology, 2005, 26, 743-752.	3.0	178
49	Regulation of ion channel localization and phosphorylation by neuronal activity. Nature Neuroscience, 2004, 7, 711-718.	14.8	407
50	A tyrosine residue in TM6 of the Vanilloid Receptor TRPV1 involved in desensitization and calcium permeability of capsaicin-activated currents. Molecular and Cellular Neurosciences, 2003, 23, 314-324.	2.2	84
51	Desensitization of Capsaicin-activated Currents in the Vanilloid Receptor TRPV1 Is Decreased by the Cyclic AMP-dependent Protein Kinase Pathway. Journal of Biological Chemistry, 2003, 278, 50080-50090.	3.4	226