Derek C Molliver

List of Publications by Year
in descending order

36 papers	4,215 citations	218677 26 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3992 citing authors

#	Article	IF	Citations
1	Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia. Journal of Neuroscience, 2021, 41, 2883-2898.	3.6	10
2	Phospho-substrate profiling of Epac-dependent protein kinase C activity. Molecular and Cellular Biochemistry, 2019, 456, 167-178.	3.1	3
3	A Novel Mechanism for Zika Virus Host-Cell Binding. Viruses, 2019, 11, 1101.	3.3	4
4	Deletion of the murine ATP/UTP receptor P2Y2 alters mechanical and thermal response properties in polymodal cutaneous afferents. Neuroscience, 2016, 332, 223-230.	2.3	7
5	Neurturin Overexpression in Skin Enhances Expression of TRPM8 in Cutaneous Sensory Neurons and Leads to Behavioral Sensitivity to Cool and Menthol. Journal of Neuroscience, 2013, 33, 2060-2070.	3.6	23
6	Purinergic receptor P2Y1 regulates polymodal C-fiber thermal thresholds and sensory neuron phenotypic switching during peripheral inflammation. Pain, 2012, 153, 410-419.	4.2	47
7	Distribution of ecto-nucleotidases in mouse sensory circuits suggests roles for nucleoside triphosphate diphosphohydrolase-3 in nociception and mechanoreception. Neuroscience, 2011, 193, 387-398.	2.3	27
8	Distribution of nucleotidase activity suggests a key role for NTPDase3 in nociceptive purinergic signaling. Journal of Pain, 2011, 12, P43.	1.4	0
9	Phenotypic Switching of Nonpeptidergic Cutaneous Sensory Neurons following Peripheral Nerve Injury. PLoS ONE, 2011, 6, e28908.	2.5	34
10	TRPV1 and TRPA1 Function and Modulation Are Target Tissue Dependent. Journal of Neuroscience, 2011, 31, 10516-10528.	3.6	132
11	The ADP Receptor P2Y1 is Necessary for Normal Thermal Sensitivity in Cutaneous Polymodal Nociceptors. Molecular Pain, 2011, 7, 1744-8069-7-13.	2.1	24
12	Gi- and Gq-Coupled ADP (P2Y) Receptors Act in Opposition to Modulate Nociceptive Signaling and Inflammatory Pain Behavior. Molecular Pain, 2010, 6, 1744-8069-6-21.	2.1	110
13	The P2Y2 Receptor Sensitizes Mouse Bladder Sensory Neurons and Facilitates Purinergic Currents. Journal of Neuroscience, 2010, 30, 2365-2372.	3.6	36
14	In Search of Analgesia: Emerging Poles of GPCRs in Pain. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2009, 9, 234-251.	3.4	59
15	Nucleotide signaling and cutaneous mechanisms of pain transduction. Brain Research Reviews, 2009, 60, 24-35.	9.0	68
16	Thermal nociception and TRPV1 function are attenuated in mice lacking the nucleotide receptor P2Y2. Pain, 2008, 138, 484-496.	4.2	79
17	A8-A17 Cell Groups (Dopaminergic Cell Groups). , 2008, , 2-2.		0
18	Production of dissociated sensory neuron cultures and considerations for their use in studying neuronal function and plasticity. Nature Protocols, 2007, 2, 152-160.	12.0	364

#	Article	IF	Citations
19	Artemin Overexpression in Skin Enhances Expression of TRPV1 and TRPA1 in Cutaneous Sensory Neurons and Leads to Behavioral Sensitivity to Heat and Cold. Journal of Neuroscience, 2006, 26, 8578-8587.	3.6	155
20	Glial Cell Line-Derived Neurotrophic Factor Family Members Sensitize Nociceptors In Vitro and Produce Thermal Hyperalgesia In Vivo. Journal of Neuroscience, 2006, 26, 8588-8599.	3.6	230
21	Overexpression of NGF or GDNF alters transcriptional plasticity evoked by inflammation. Pain, 2005, 113, 277-284.	4.2	41
22	ASIC3, an Acid-Sensing Ion Channel, is Expressed in Metaboreceptive Sensory Neurons. Molecular Pain, 2005, 1, 1744-8069-1-35.	2.1	201
23	The P2Y agonist UTP activates cutaneous afferent fibers. Pain, 2004, 109, 36-44.	4.2	66
24	Transgenic mice possessing increased numbers of nociceptors do not exhibit increased behavioral sensitivity in models of inflammatory and neuropathic pain. Pain, 2003, 106, 491-500.	4.2	28
25	ATP and UTP excite sensory neurons and induce CREB phosphorylation through the metabotropic receptor, P2Y2. European Journal of Neuroscience, 2002, 16, 1850-1860.	2.6	101
26	Role of Phosphoinositide 3-Kinase and Endocytosis in Nerve Growth Factor-Induced Extracellular Signal-Regulated Kinase Activation via Ras and Rap1. Molecular and Cellular Biology, 2000, 20, 8069-8083.	2.3	221
27	Role of Phosphoinositide 3-Kinase and Endocytosis in Nerve Growth Factor-Induced Extracellular Signal-Regulated Kinase Activation via Ras and Rap1. Molecular and Cellular Biology, 2000, 20, 8069-8083.	2.3	15
28	Analysis of the Retrograde Transport of Glial Cell Line-Derived Neurotrophic Factor (GDNF), Neurturin, and Persephin Suggests That<i>In Vivo</i>Signaling for the GDNF Family is GFRÎ± Coreceptor-Specific. Journal of Neuroscience, 1999, 19, 9322-9331.	3.6	112
29	Gene Targeting Reveals a Critical Role for Neurturin in the Development and Maintenance of Enteric, Sensory, and Parasympathetic Neurons. Neuron, 1999, 22, 253-263.	8.1	303
30	IB4-Binding DRG Neurons Switch from NGF to GDNF Dependence in Early Postnatal Life. Neuron, 1997, 19, 849-861.	8.1	662
31	Nerve growth factor receptor trkA is down-regulated during postnatal development by a subset of dorsal root ganglion neurons. Journal of Comparative Neurology, 1997, 381, 428-438.	1.6	145
32	Synchronous Onset of NGF and TrkA Survival Dependence in Developing Dorsal Root Ganglia. Journal of Neuroscience, 1996, 16, 4662-4672.	3.6	154
33	Non-TrkA-expressing small DRG neurons are lost in TrkA deficient mice. Journal of Neuroscience, 1995, 15, 5929-5942.	3.6	150
34	Presence or absence of TrKA protein distinguishes subsets of small sensory neurons with unique cytochemical characteristics and dorsal horn projections. Journal of Comparative Neurology, 1995, 361, 404-416.	1.6	255
35	Neurotoxicity of MDMA and Related Compounds: Anatomic Studies. Annals of the New York Academy of Sciences, 1990, 600, 640-661.	3.8	229
36	Anatomic evidence for a neurotoxic effect of (Â±)-fenfluramine upon serotonergic projections in the rat. Brain Research, 1990, 511, 165-168.	2.2	120