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List of Publications by Year in descending order

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Version: 2024-02-01

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	IB4-Binding DRG Neurons Switch from NGF to GDNF Dependence in Early Postnatal Life. <i>Neuron</i> , 1997, 19, 849-861.	8.1	662
2	Production of dissociated sensory neuron cultures and considerations for their use in studying neuronal function and plasticity. <i>Nature Protocols</i> , 2007, 2, 152-160.	12.0	364
3	Gene Targeting Reveals a Critical Role for Neurturin in the Development and Maintenance of Enteric, Sensory, and Parasympathetic Neurons. <i>Neuron</i> , 1999, 22, 253-263.	8.1	303
4	Presence or absence of TrkA protein distinguishes subsets of small sensory neurons with unique cytochemical characteristics and dorsal horn projections. <i>Journal of Comparative Neurology</i> , 1995, 361, 404-416.	1.6	255
5	Glial Cell Line-Derived Neurotrophic Factor Family Members Sensitize Nociceptors In Vitro and Produce Thermal Hyperalgesia In Vivo. <i>Journal of Neuroscience</i> , 2006, 26, 8588-8599.	3.6	230
6	Neurotoxicity of MDMA and Related Compounds: Anatomic Studies. <i>Annals of the New York Academy of Sciences</i> , 1990, 600, 640-661.	3.8	229
7	Role of Phosphoinositide 3-Kinase and Endocytosis in Nerve Growth Factor-Induced Extracellular Signal-Regulated Kinase Activation via Ras and Rap1. <i>Molecular and Cellular Biology</i> , 2000, 20, 8069-8083.	2.3	221
8	ASIC3, an Acid-Sensing Ion Channel, is Expressed in Metaboreceptive Sensory Neurons. <i>Molecular Pain</i> , 2005, 1, 1744-8069-1-35.	2.1	201
9	Artemin Overexpression in Skin Enhances Expression of TRPV1 and TRPA1 in Cutaneous Sensory Neurons and Leads to Behavioral Sensitivity to Heat and Cold. <i>Journal of Neuroscience</i> , 2006, 26, 8578-8587.	3.6	155
10	Synchronous Onset of NGF and TrkA Survival Dependence in Developing Dorsal Root Ganglia. <i>Journal of Neuroscience</i> , 1996, 16, 4662-4672.	3.6	154
11	Non-TrkA-expressing small DRG neurons are lost in TrkA deficient mice. <i>Journal of Neuroscience</i> , 1995, 15, 5929-5942.	3.6	150
12	Nerve growth factor receptor trkA is down-regulated during postnatal development by a subset of dorsal root ganglion neurons. <i>Journal of Comparative Neurology</i> , 1997, 381, 428-438.	1.6	145
13	TRPV1 and TRPA1 Function and Modulation Are Target Tissue Dependent. <i>Journal of Neuroscience</i> , 2011, 31, 10516-10528.	3.6	132
14	Anatomic evidence for a neurotoxic effect of (Δ^{\pm})-fenfluramine upon serotonergic projections in the rat. <i>Brain Research</i> , 1990, 511, 165-168.	2.2	120
15	Analysis of the Retrograde Transport of Glial Cell Line-Derived Neurotrophic Factor (GDNF), Neurturin, and Persephin Suggests That In Vivo Signaling for the GDNF Family is GFR α Coreceptor-Specific. <i>Journal of Neuroscience</i> , 1999, 19, 9322-9331.	3.6	112
16	Gi- and Gq-Coupled ADP (P2Y) Receptors Act in Opposition to Modulate Nociceptive Signaling and Inflammatory Pain Behavior. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-21.	2.1	110
17	ATP and UTP excite sensory neurons and induce CREB phosphorylation through the metabotropic receptor, P2Y2. <i>European Journal of Neuroscience</i> , 2002, 16, 1850-1860.	2.6	101
18	Thermal nociception and TRPV1 function are attenuated in mice lacking the nucleotide receptor P2Y2. <i>Pain</i> , 2008, 138, 484-496.	4.2	79

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19	Nucleotide signaling and cutaneous mechanisms of pain transduction. <i>Brain Research Reviews</i> , 2009, 60, 24-35.	9.0	68
20	The P2Y agonist UTP activates cutaneous afferent fibers. <i>Pain</i> , 2004, 109, 36-44.	4.2	66
21	In Search of Analgesia: Emerging Poles of GPCRs in Pain. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2009, 9, 234-251.	3.4	59
22	Purinergic receptor P2Y1 regulates polymodal C-fiber thermal thresholds and sensory neuron phenotypic switching during peripheral inflammation. <i>Pain</i> , 2012, 153, 410-419.	4.2	47
23	Overexpression of NGF or GDNF alters transcriptional plasticity evoked by inflammation. <i>Pain</i> , 2005, 113, 277-284.	4.2	41
24	The P2Y2 Receptor Sensitizes Mouse Bladder Sensory Neurons and Facilitates Purinergic Currents. <i>Journal of Neuroscience</i> , 2010, 30, 2365-2372.	3.6	36
25	Phenotypic Switching of Nonpeptidergic Cutaneous Sensory Neurons following Peripheral Nerve Injury. <i>PLoS ONE</i> , 2011, 6, e28908.	2.5	34
26	Transgenic mice possessing increased numbers of nociceptors do not exhibit increased behavioral sensitivity in models of inflammatory and neuropathic pain. <i>Pain</i> , 2003, 106, 491-500.	4.2	28
27	Distribution of ecto-nucleotidases in mouse sensory circuits suggests roles for nucleoside triphosphate diphosphohydrolase-3 in nociception and mechanoreception. <i>Neuroscience</i> , 2011, 193, 387-398.	2.3	27
28	The ADP Receptor P2Y1 is Necessary for Normal Thermal Sensitivity in Cutaneous Polymodal Nociceptors. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-13.	2.1	24
29	Neurturin Overexpression in Skin Enhances Expression of TRPM8 in Cutaneous Sensory Neurons and Leads to Behavioral Sensitivity to Cool and Menthol. <i>Journal of Neuroscience</i> , 2013, 33, 2060-2070.	3.6	23
30	Role of Phosphoinositide 3-Kinase and Endocytosis in Nerve Growth Factor-Induced Extracellular Signal-Regulated Kinase Activation via Ras and Rap1. <i>Molecular and Cellular Biology</i> , 2000, 20, 8069-8083.	2.3	15
31	Regulation of Mitochondrial Function by Epac2 Contributes to Acute Inflammatory Hyperalgesia. <i>Journal of Neuroscience</i> , 2021, 41, 2883-2898.	3.6	10
32	Deletion of the murine ATP/UTP receptor P2Y2 alters mechanical and thermal response properties in polymodal cutaneous afferents. <i>Neuroscience</i> , 2016, 332, 223-230.	2.3	7
33	A Novel Mechanism for Zika Virus Host-Cell Binding. <i>Viruses</i> , 2019, 11, 1101.	3.3	4
34	Phospho-substrate profiling of Epac-dependent protein kinase C activity. <i>Molecular and Cellular Biochemistry</i> , 2019, 456, 167-178.	3.1	3
35	A8-A17 Cell Groups (Dopaminergic Cell Groups). , 2008, , 2-2.		0
36	Distribution of nucleotidase activity suggests a key role for NTPDase3 in nociceptive purinergic signaling. <i>Journal of Pain</i> , 2011, 12, P43.	1.4	0