

Nathaniel A Jeske

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,277
citations

279798

23
h-index

289244

40
g-index

40
all docs

40
docs citations

40
times ranked

2604
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient receptor potential TRPA1 channel desensitization in sensory neurons is agonist dependent and regulated by TRPV1-directed internalization. <i>Journal of Physiology</i> , 2007, 583, 175-193.	2.9	236
2	Contribution of TRPV1-TRPA1 Interaction to the Single Channel Properties of the TRPA1 Channel. <i>Journal of Biological Chemistry</i> , 2010, 285, 15167-15177.	3.4	171
3	Roles of transient receptor potential channels in pain. <i>Brain Research Reviews</i> , 2009, 60, 2-23.	9.0	154
4	Bradykinin-Induced Functional Competence and Trafficking of the $\hat{\text{A}}$ -Opioid Receptor in Trigeminal Nociceptors. <i>Journal of Neuroscience</i> , 2005, 25, 8825-8832.	3.6	148
5	Organic cation transporter 3: Keeping the brake on extracellular serotonin in serotonin-transporter-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18976-18981.	7.1	148
6	Tmem100 Is a Regulator of TRPA1-TRPV1 Complex and Contributes to Persistent Pain. <i>Neuron</i> , 2015, 85, 833-846.	8.1	143
7	The cannabinoid WIN 55,212-2 inhibits transient receptor potential vanilloid 1 (TRPV1) and evokes peripheral antihyperalgesia via calcineurin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11393-11398.	7.1	142
8	Cannabinoid WIN 55,212-2 Regulates TRPV1 Phosphorylation in Sensory Neurons. <i>Journal of Biological Chemistry</i> , 2006, 281, 32879-32890.	3.4	127
9	Prolactin Modulates TRPV1 in Female Rat Trigeminal Sensory Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 8126-8136.	3.6	120
10	A-kinase anchoring protein mediates TRPV1 thermal hyperalgesia through PKA phosphorylation of TRPV1. <i>Pain</i> , 2008, 138, 604-616.	4.2	108
11	Role of ionotropic cannabinoid receptors in peripheral antinociception and antihyperalgesia. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 79-84.	8.7	99
12	Persistent Nociception Triggered by Nerve Growth Factor (NGF) Is Mediated by TRPV1 and Oxidative Mechanisms. <i>Journal of Neuroscience</i> , 2015, 35, 8593-8603.	3.6	89
13	A-kinase anchoring protein 150 controls protein kinase C-mediated phosphorylation and sensitization of TRPV1. <i>Pain</i> , 2009, 146, 301-307.	4.2	71
14	$\hat{\text{I}}^2$ -Arrestin-2 Desensitizes the Transient Receptor Potential Vanilloid 1 (TRPV1) Channel. <i>Journal of Biological Chemistry</i> , 2012, 287, 37552-37563.	3.4	41
15	Activation of Mu Opioid Receptors Sensitizes Transient Receptor Potential Vanilloid Type 1 (TRPV1) via $\hat{\text{I}}^2$ -Arrestin-2-Mediated Cross-Talk. <i>PLoS ONE</i> , 2014, 9, e93688.	2.5	39
16	Sensitization of small-diameter sensory neurons is controlled by TRPV1 and TRPA1 association. <i>FASEB Journal</i> , 2020, 34, 287-302.	0.5	39
17	A-Kinase Anchoring Protein 150 Mediates Transient Receptor Potential Family V Type 1 Sensitivity to Phosphatidylinositol-4,5-Bisphosphate. <i>Journal of Neuroscience</i> , 2011, 31, 8681-8688.	3.6	36
18	PP2B/calcineurin-mediated desensitization of TRPV1 does not require AKAP150. <i>Biochemical Journal</i> , 2010, 432, 549-556.	3.7	35

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19	Modulation of bradykinin signaling by EP24.15 and EP24.16 in cultured trigeminal ganglia. <i>Journal of Neurochemistry</i> , 2006, 97, 13-21.	3.9	33
20	Metalloendopeptidase EC3.4.24.15 is constitutively released from the exofacial leaflet of lipid rafts in GT1-7 cells. <i>Journal of Neurochemistry</i> , 2004, 90, 819-828.	3.9	32
21	Phosphorylation regulates TRPV1 association with $\hat{\iota}^2$ -arrestin-2. <i>Biochemical Journal</i> , 2013, 451, 101-109.	3.7	27
22	GRK2 Constitutively Governs Peripheral Delta Opioid Receptor Activity. <i>Cell Reports</i> , 2016, 16, 2686-2698.	6.4	27
23	Fibronectin stimulates TRPV1 translocation in primary sensory neurons. <i>Journal of Neurochemistry</i> , 2009, 108, 591-600.	3.9	26
24	A-Kinase Anchoring Protein 79/150 Scaffolds Transient Receptor Potential A 1 Phosphorylation and Sensitization by Metabotropic Glutamate Receptor Activation. <i>Scientific Reports</i> , 2017, 7, 1842.	3.3	22
25	$\hat{\iota}^2$ -Arrestin-2-Biased Agonism of Delta Opioid Receptors Sensitizes Transient Receptor Potential Vanilloid Type 1 (TRPV1) in Primary Sensory Neurons. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-50.	2.1	20
26	AKAP150-Mediated TRPV1 Sensitization is Disrupted by Calcium/Calmodulin. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-34.	2.1	17
27	EP24.15 is associated with lipid rafts. <i>Journal of Neuroscience Research</i> , 2003, 74, 468-473.	2.9	16
28	Metallopeptidase inhibition potentiates bradykinin-induced hyperalgesia. <i>Pain</i> , 2011, 152, 1548-1554.	4.2	15
29	Dynamic Opioid Receptor Regulation in the Periphery. <i>Molecular Pharmacology</i> , 2019, 95, 463-467.	2.3	15
30	Identification of a signaling cascade that maintains constitutive $\hat{\iota}$ -opioid receptor incompetence in peripheral sensory neurons. <i>Journal of Biological Chemistry</i> , 2017, 292, 8762-8772.	3.4	13
31	A-kinase anchoring protein 79/150 coordinates metabotropic glutamate receptor sensitization of peripheral sensory neurons. <i>Pain</i> , 2015, 156, 2364-2372.	4.2	12
32	Divergence in Endothelin-1- and Bradykinin-Activated Store-Operated Calcium Entry in Afferent Sensory Neurons. <i>ASN Neuro</i> , 2015, 7, 175909141557871.	2.7	12
33	Comparison of the Accuracy of Maxillary Positioning With Interim Splints Versus Patient-Specific Guides and Plates in Executing a Virtual Bimaxillary Surgical Plan. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022, 80, 827-837.	1.2	10
34	Somatosensory scaffolding structures. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 2.	2.9	8
35	Repeat low-level blast exposure increases transient receptor potential vanilloid 1 (TRPV1) and endothelin-1 (ET-1) expression in the trigeminal ganglion. <i>PLoS ONE</i> , 2017, 12, e0182102.	2.5	7
36	Peripheral Scaffolding and Signaling Pathways in Inflammatory Pain. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 131, 31-52.	1.7	5

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37	Outcomes of total joint alloplastic reconstruction in TMJ ankylosis. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2022, 134, 135-142.	0.4	5
38	Serum response factor mediates nociceptor inflammatory pain plasticity. <i>Pain Reports</i> , 2018, 3, e658.	2.7	4
39	GRK2 Dictates a Functional Switch of the Peripheral Mu-Opioid Receptor. <i>ACS Chemical Neuroscience</i> , 2020, 11, 4376-4386.	3.5	3
40	Raf kinase inhibitory protein reduces bradykinin receptor desensitization. <i>Journal of Neurochemistry</i> , 2022, , .	3.9	2