

Man-Kyo Chung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

2,102
citations

23
h-index

45
g-index

50
ext. papers

2,389
ext. citations

5.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
45	Nociceptor Neurons Magnify Host Responses to Aggravate Periodontitis.. <i>Journal of Dental Research</i> , 2022 , 220345211069956	8.1	0
44	Acute and Chronic Pain from Facial Skin and Oral Mucosa: Unique Neurobiology and Challenging Treatment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
43	Fight fire with fire: Neurobiology of capsaicin-induced analgesia for chronic pain. <i>Pharmacology & Therapeutics</i> , 2021 , 220, 107743	13.9	10
42	Injectable Capsaicin for the Management of Pain Due to Osteoarthritis. <i>Molecules</i> , 2021 , 26,	4.8	4
41	Insulin Secretion by β Cell-Like Cells Derived from Pulp Stem Cells Depends on Augmented Cytosolic Zinc Levels than GABA Levels. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7476	2.6	0
40	Neural Pathways of Craniofacial Muscle Pain: Implications for Novel Treatments. <i>Journal of Dental Research</i> , 2020 , 99, 1004-1012	8.1	5
39	Peripheral glutamate receptor and transient receptor potential channel mechanisms of craniofacial muscle pain. <i>Molecular Pain</i> , 2020 , 16, 1744806920914204	3.4	5
38	Ablation of TRPV1+ Afferent Terminals by Capsaicin Mediates Long-Lasting Analgesia for Trigeminal Neuropathic Pain. <i>ENeuro</i> , 2020 , 7,	3.9	8
37	Orthodontic force induces nerve injury-like transcriptomic changes driven by TRPV1-expressing afferents in mouse trigeminal ganglia. <i>Molecular Pain</i> , 2020 , 16, 1744806920973141	3.4	2
36	TRPV1 and TRPV1-Expressing Nociceptors Mediate Orofacial Pain Behaviors in a Mouse Model of Orthodontic Tooth Movement. <i>Frontiers in Physiology</i> , 2019 , 10, 1207	4.6	13
35	Voluntary biting behavior as a functional measure of orofacial pain in mice. <i>Physiology and Behavior</i> , 2019 , 204, 129-139	3.5	7
34	Phosphorylation of TRPV1 S801 Contributes to Modality-Specific Hyperalgesia in Mice. <i>Journal of Neuroscience</i> , 2019 , 39, 9954-9966	6.6	19
33	Phosphorylation of the Transient Receptor Potential Ankyrin 1 by Cyclin-dependent Kinase 5 affects Chemo-nociception. <i>Scientific Reports</i> , 2018 , 8, 1177	4.9	11
32	Roles of TRPV1 and TRPA1 in Spontaneous Pain from Inflamed Masseter Muscle. <i>Neuroscience</i> , 2018 , 384, 290-299	3.9	24
31	Ca and calpain mediate capsaicin-induced ablation of axonal terminals expressing transient receptor potential vanilloid 1. <i>Journal of Biological Chemistry</i> , 2017 , 292, 8291-8303	5.4	21
30	Spontaneous and Bite-Evoked Muscle Pain Are Mediated by a Common Nociceptive Pathway With Differential Contribution by TRPV1. <i>Journal of Pain</i> , 2017 , 18, 1333-1345	5.2	19
29	Agonist-dependence of functional properties for common nonsynonymous variants of human transient receptor potential vanilloid 1. <i>Pain</i> , 2016 , 157, 1515-1524	8	14

28	Use of Capsaicin to Treat Pain: Mechanistic and Therapeutic Considerations. <i>Pharmaceuticals</i> , 2016 , 9,	5.2	44
27	Transcriptome analysis of trigeminal ganglia following masseter muscle inflammation in rats. <i>Molecular Pain</i> , 2016 , 12,	3.4	28
26	Androgen receptor transcriptionally regulates μ opioid receptor expression in rat trigeminal ganglia. <i>Neuroscience</i> , 2016 , 331, 52-61	3.9	21
25	Role of the outer pore domain in transient receptor potential vanilloid 1 dynamic permeability to large cations. <i>Journal of Biological Chemistry</i> , 2015 , 290, 5707-24	5.4	34
24	Modality-specific mechanisms of protein kinase C-induced hypersensitivity of TRPV1: S800 is a polymodal sensitization site. <i>Pain</i> , 2015 , 156, 931-941	8	45
23	The role of TRPM2 in hydrogen peroxide-induced expression of inflammatory cytokine and chemokine in rat trigeminal ganglia. <i>Neuroscience</i> , 2015 , 297, 160-9	3.9	31
22	Peripheral group I metabotropic glutamate receptor activation leads to muscle mechanical hyperalgesia through TRPV1 phosphorylation in the rat. <i>Journal of Pain</i> , 2015 , 16, 67-76	5.2	25
21	The role of TRPA1 in muscle pain and mechanical hypersensitivity under inflammatory conditions in rats. <i>Neuroscience</i> , 2015 , 310, 206-15	3.9	48
20	Peripheral G protein-coupled inwardly rectifying potassium channels are involved in μ opioid receptor-mediated anti-hyperalgesia in rat masseter muscle. <i>European Journal of Pain</i> , 2014 , 18, 29-38	3.7	20
19	Functional interactions between glutamate receptors and TRPV1 in trigeminal sensory neurons. <i>Molecular Pain</i> , 2014 , 10, O13	3.4	2
18	The role of androgen receptor in transcriptional modulation of cannabinoid receptor type 1 gene in rat trigeminal ganglia. <i>Neuroscience</i> , 2013 , 254, 395-403	3.9	20
17	Carboxyl-terminal domain of transient receptor potential vanilloid 1 contains distinct segments differentially involved in capsaicin- and heat-induced desensitization. <i>Journal of Biological Chemistry</i> , 2013 , 288, 35690-702	5.4	32
16	Targeting TRPV3 for the Development of Novel Analgesics. <i>Open Pain Journal</i> , 2013 , 6, 119-126	0.3	14
15	Functional interactions between NMDA receptors and TRPV1 in trigeminal sensory neurons mediate mechanical hyperalgesia in the rat masseter muscle. <i>Pain</i> , 2012 , 153, 1514-1524	8	45
14	Activation of NMDA receptors leads to phosphorylation of TRPV1 S800 by protein kinase C and A-Kinase anchoring protein 150 in rat trigeminal ganglia. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 424, 358-63	3.4	28
13	Warmth suppresses and desensitizes damage-sensing ion channel TRPA1. <i>Molecular Pain</i> , 2012 , 8, 22	3.4	32
12	Projection of non-peptidergic afferents to mouse tooth pulp. <i>Journal of Dental Research</i> , 2012 , 91, 777-821	8.1	24
11	Role of TRP channels in pain sensation. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 704, 615-363.6	3.6	73

10	Lipopolysaccharide-induced pulpitis up-regulates TRPV1 in trigeminal ganglia. <i>Journal of Dental Research</i> , 2011 , 90, 1103-7	8.1	63
9	Cold suppresses agonist-induced activation of TRPV1. <i>Journal of Dental Research</i> , 2011 , 90, 1098-102	8.1	15
8	TRPV1 shows dynamic ionic selectivity during agonist stimulation. <i>Nature Neuroscience</i> , 2008 , 11, 555-64	25.5	256
7	Overexpressed transient receptor potential vanilloid 3 ion channels in skin keratinocytes modulate pain sensitivity via prostaglandin E2. <i>Journal of Neuroscience</i> , 2008 , 28, 13727-37	6.6	150
6	TRP channel knockout mice lose their cool. <i>Neuron</i> , 2007 , 54, 345-7	13.9	35
5	Biphasic currents evoked by chemical or thermal activation of the heat-gated ion channel, TRPV3. <i>Journal of Biological Chemistry</i> , 2005 , 280, 15928-41	5.4	113
4	2-aminoethoxydiphenyl borate activates and sensitizes the heat-gated ion channel TRPV3. <i>Journal of Neuroscience</i> , 2004 , 24, 5177-82	6.6	244
3	TRPV3 and TRPV4 mediate warmth-evoked currents in primary mouse keratinocytes. <i>Journal of Biological Chemistry</i> , 2004 , 279, 21569-75	5.4	239
2	Warm temperatures activate TRPV4 in mouse 308 keratinocytes. <i>Journal of Biological Chemistry</i> , 2003 , 278, 32037-46	5.4	209
1	Voltage-dependent sodium and calcium currents in acutely isolated adult rat trigeminal root ganglion neurons. <i>Journal of Neurophysiology</i> , 1999 , 81, 1123-34	3.2	47