

Sung Jun Jung

List of Publications by Year in descending order

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35
papers

1,356
citations

394421

19
h-index

414414

32
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36
all docs

36
docs citations

36
times ranked

1768
citing authors

#	ARTICLE	IF	CITATIONS
1	An artificial neural tactile sensing system. <i>Nature Electronics</i> , 2021, 4, 429-438.	26.0	161
2	Functional Expression of Thermo-transient Receptor Potential Channels in Dental Primary Afferent Neurons. <i>Journal of Biological Chemistry</i> , 2006, 281, 17304-17311.	3.4	118
3	Rapid and Efficient Direct Conversion of Human Adult Somatic Cells into Neural Stem Cells by HMGA2/let-7b. <i>Cell Reports</i> , 2015, 10, 441-452.	6.4	107
4	Molecular mechanism for local anesthetic action of eugenol in the rat trigeminal system. <i>Pain</i> , 2009, 144, 84-94.	4.2	96
5	Eugenol Inhibits Sodium Currents in Dental Afferent Neurons. <i>Journal of Dental Research</i> , 2006, 85, 900-904.	5.2	88
6	Lysophosphatidylcholine Increases Neutrophil Bactericidal Activity by Enhancement of Azurophil Granule-Phagosome Fusion via Glycine \AA GlyRI \pm 2/TRPM2/p38 MAPK Signaling. <i>Journal of Immunology</i> , 2010, 184, 4401-4413.	0.8	87
7	Cellular and Molecular Mechanisms of Dental Nociception. <i>Journal of Dental Research</i> , 2013, 92, 948-955.	5.2	78
8	Membrane-Delimited Coupling of TRPV1 and mGluR5 on Presynaptic Terminals of Nociceptive Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 10000-10009.	3.6	69
9	Activation of transient receptor potential ankyrin 1 by eugenol. <i>Neuroscience</i> , 2014, 261, 153-160.	2.3	46
10	Molecular Basis of Cav2.3 Calcium Channels in Rat Nociceptive Neurons. <i>Journal of Biological Chemistry</i> , 2007, 282, 4757-4764.	3.4	44
11	Laser-induced thermoelastic effects can evoke tactile sensations. <i>Scientific Reports</i> , 2015, 5, 11016.	3.3	43
12	TRPV1 Regulates Stress Responses through HDAC2. <i>Cell Reports</i> , 2017, 19, 401-412.	6.4	39
13	TRPM2 contributes to LPC-induced intracellular Ca ²⁺ influx and microglial activation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 301-306.	2.1	37
14	Modulation of Ca ^v 2.3 Calcium Channel Currents by Eugenol. <i>Journal of Dental Research</i> , 2008, 87, 137-141.	5.2	35
15	Substance P Sensitizes P2X3 in Nociceptive Trigeminal Neurons. <i>Journal of Dental Research</i> , 2010, 89, 1154-1159.	5.2	35
16	Eugenol Inhibits ATP-induced P2X Currents in Trigeminal Ganglion Neurons. <i>Korean Journal of Physiology and Pharmacology</i> , 2008, 12, 315.	1.2	31
17	Eugenol reverses mechanical allodynia after peripheral nerve injury by inhibiting hyperpolarization-activated cyclic nucleotide-gated (HCN) channels. <i>Pain</i> , 2011, 152, 2108-2116.	4.2	31
18	Peripheral serotonin receptor 2B and transient receptor potential channel 4 mediate pruritus to serotonergic antidepressants in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1349-1352.e16.	2.9	29

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19	Hippocalcin Promotes Neuronal Differentiation and Inhibits Astrocytic Differentiation in Neural Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 95-111.	4.8	27
20	Acute inflammation reveals GABA _A receptor-mediated nociception in mouse dorsal root ganglion neurons via PGE ₂ receptor 4 signaling. <i>Physiological Reports</i> , 2017, 5, e13178.	1.7	20
21	Sensory Neuron-Expressed TRPC4 Is a Target for the Relief of Psoriasiform Itch and Skin Inflammation in Mice. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2221-2229.e6.	0.7	20
22	Eugenol Inhibits the GABA _A Current in Trigeminal Ganglion Neurons. <i>PLoS ONE</i> , 2015, 10, e0117316.	2.5	18
23	Imiquimod induces a Toll-like receptor 7-independent increase in intracellular calcium via IP3 receptor activation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 875-879.	2.1	17
24	Extracellular ATP Induces Calcium Signaling in Odontoblasts. <i>Journal of Dental Research</i> , 2017, 96, 200-207.	5.2	16
25	Capsaicin upregulates HDAC2 via TRPV1 and impairs neuronal maturation in mice. <i>Experimental and Molecular Medicine</i> , 2018, 50, e455-e455.	7.7	14
26	Wnt signal activation induces midbrain specification through direct binding of the beta-catenin/TCF4 complex to the EN1 promoter in human pluripotent stem cells. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-13.	7.7	13
27	Fatal Clinical Course of Probable Invasive Pulmonary Aspergillosis with Influenza B Infection in an Immunocompetent Patient. <i>Tuberculosis and Respiratory Diseases</i> , 2014, 77, 141.	1.8	10
28	GPR171 Activation Modulates Nociceptor Functions, Alleviating Pathologic Pain. <i>Biomedicines</i> , 2021, 9, 256.	3.2	7
29	Efficient Generation of Dopamine Neurons by Synthetic Transcription Factor mRNAs. <i>Molecular Therapy</i> , 2017, 25, 2028-2037.	8.2	6
30	The Role of Prostaglandin E1 as a Pain Mediator through Facilitation of Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 2 via the EP2 Receptor in Trigeminal Ganglion Neurons of Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13534.	4.1	6
31	Autoantibody-Mediated Dysfunction of Salivary Glands Leads to Xerostomia in SKG Mice. <i>Immune Network</i> , 2019, 19, e44.	3.6	4
32	Symptom-specific differential motor network modulation by deep brain stimulation in Parkinson's disease. <i>Journal of Neurosurgery</i> , 2021, 135, 1771-1779.	1.6	3
33	Riboflavin Inhibits Histamine-Dependent Itch by Modulating Transient Receptor Potential Vanilloid 1 (TRPV1). <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 643483.	2.9	1
34	155 THE EFFECT OF NITRIC OXIDE ON MECHANICAL AND THERMAL ALLODYNIA IN NEUROPATHIC PAIN MODEL OF RAT. <i>European Journal of Pain</i> , 2007, 11, S67-S67.	2.8	0
35	352 DIFFERENTIAL CHANGES IN TRPV1 EXPRESSION IN TRIGEMINAL GANGLION NEURONS FOLLOWING TRIGEMINAL SENSORY NERVE INJURY. <i>European Journal of Pain</i> , 2007, 11, S156-S156.	2.8	0