

Hyosang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

5,379
citations

331259

21
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

5565
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytic Regulation of Neural Circuits Underlying Behaviors. <i>Cells</i> , 2021, 10, 296.	1.8	15
2	Machine-Learning Based Automatic and Real-time Detection of Mouse Scratching Behaviors. <i>Experimental Neurobiology</i> , 2019, 28, 54-61.	0.7	6
3	Mechanisms of protein toxicity in neurodegenerative diseases. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3159-3180.	2.4	103
4	Esr1+ cells in the ventromedial hypothalamus control female aggression. <i>Nature Neuroscience</i> , 2017, 20, 1580-1590.	7.1	203
5	Application of Functional Near-Infrared Spectroscopy to the Study of Brain Function in Humans and Animal Models. <i>Molecules and Cells</i> , 2017, 40, 523-532.	1.0	73
6	Optogenetic and Chemogenetic Approaches for Studying Astrocytes and Gliotransmitters. <i>Experimental Neurobiology</i> , 2016, 25, 205-221.	0.7	37
7	The peripheral and central mechanisms underlying itch. <i>BMB Reports</i> , 2016, 49, 474-487.	1.1	25
8	Scalable control of mounting and attack by Esr1+ neurons in the ventromedial hypothalamus. <i>Nature</i> , 2014, 509, 627-632.	13.7	399
9	Internal States and Behavioral Decision-Making: Toward an Integration of Emotion and Cognition. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2014, 79, 199-210.	2.0	65
10	Functional identification of an aggression locus in the mouse hypothalamus. <i>Nature</i> , 2011, 470, 221-226.	13.7	788
11	Direct Response Elements of BMP within the PV.1A Promoter Are Essential for Its Transcriptional Regulation during Early Xenopus Development. <i>PLoS ONE</i> , 2011, 6, e22621.	1.1	15
12	Pain behavior in the formalin test persists after ablation of the great majority of C-fiber nociceptors. <i>Pain</i> , 2010, 151, 422-429.	2.0	116
13	Distinct subsets of unmyelinated primary sensory fibers mediate behavioral responses to noxious thermal and mechanical stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9075-9080.	3.3	581
14	TRPV1-expressing primary afferents generate behavioral responses to pruritogens via multiple mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11330-11335.	3.3	386
15	Incense acetate, an incense component, elicits psychoactivity by activating TRPV3 channels in the brain. <i>FASEB Journal</i> , 2008, 22, 3024-3034.	0.2	139
16	Overexpressed Transient Receptor Potential Vanilloid 3 Ion Channels in Skin Keratinocytes Modulate Pain Sensitivity via Prostaglandin E ₂ . <i>Journal of Neuroscience</i> , 2008, 28, 13727-13737.	1.7	191
17	Activation of Urothelial Transient Receptor Potential Vanilloid 4 by 4 β -Phorbol 12,13-Didecanoate Contributes to Altered Bladder Reflexes in the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 227-235.	1.3	130
18	TRPV channels as thermosensory receptors in epithelial cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2005, 451, 160-167.	1.3	120

#	ARTICLE	IF	CITATIONS
19	Altered Thermal Selection Behavior in Mice Lacking Transient Receptor Potential Vanilloid 4. <i>Journal of Neuroscience</i> , 2005, 25, 1304-1310.	1.7	252
20	2-Aminoethoxydiphenyl Borate Activates and Sensitizes the Heat-Gated Ion Channel TRPV3. <i>Journal of Neuroscience</i> , 2004, 24, 5177-5182.	1.7	276
21	TRPV3 and TRPV4 Mediate Warmth-evoked Currents in Primary Mouse Keratinocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 21569-21575.	1.6	291
22	Warm Temperatures Activate TRPV4 in Mouse 308 Keratinocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 32037-32046.	1.6	249
23	Transcriptional regulation of Xbr-1a/Xvent-2 homeobox gene: analysis of its promoter region. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 815-823.	1.0	13
24	Heat-Evoked Activation of the Ion Channel, TRPV4. <i>Journal of Neuroscience</i> , 2002, 22, 6408-6414.	1.7	869
25	Feedback Regulation of ATP-induced Ca ²⁺ Signaling in HL-60 Cells Is Mediated by Protein Kinase A- and C-mediated Changes in Capacitative Ca ²⁺ Entry. <i>Journal of Biological Chemistry</i> , 1997, 272, 21831-21838.	1.6	31
26	Histamine inhibits ATP-induced [Ca ²⁺] _i rise through the activation of protein kinase A in HL-60 cells. <i>European Journal of Pharmacology</i> , 1997, 322, 265-273.	1.7	6