

Michiel Langeslag

List of Publications by Citations

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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.

26

papers

1,521

citations

15

h-index

28

g-index

28

ext. papers

1,713

ext. citations

7.4

avg, IF

3.91

L-index

#	Paper	IF	Citations
26	TRPM7, a novel regulator of actomyosin contractility and cell adhesion. <i>EMBO Journal</i> , 2006 , 25, 290-301	11.3	282
25	A genome-wide Drosophila screen for heat nociception identifies TRPA as an evolutionarily conserved pain gene. <i>Cell</i> , 2010 , 143, 628-38	56.2	217
24	Correcting confocal acquisition to optimize imaging of fluorescence resonance energy transfer by sensitized emission. <i>Biophysical Journal</i> , 2004 , 86, 2517-29	2.9	181
23	Myosin II and mechanotransduction: a balancing act. <i>Trends in Cell Biology</i> , 2007 , 17, 178-86	18.3	165
22	Calcium signaling regulates translocation and activation of Rac. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39413-21	5.4	164
21	Parathyroid hormone activates TRPV5 via PKA-dependent phosphorylation. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1693-704	12.7	121
20	Activation of TRPM7 channels by phospholipase C-coupled receptor agonists. <i>Journal of Biological Chemistry</i> , 2007 , 282, 232-9	5.4	91
19	TRPM7 triggers Ca ²⁺ sparks and invadosome formation in neuroblastoma cells. <i>Cell Calcium</i> , 2013 , 54, 404-15	4	53
18	Sphingosine-1-phosphate-induced nociceptor excitation and ongoing pain behavior in mice and humans is largely mediated by S1P3 receptor. <i>Journal of Neuroscience</i> , 2013 , 33, 2582-92	6.6	45
17	Spatiotemporal regulation of chloride intracellular channel protein CLIC4 by RhoA. <i>Molecular Biology of the Cell</i> , 2009 , 20, 4664-72	3.5	36
16	Gi _q /11 signaling tonically modulates nociceptor function and contributes to activity-dependent sensitization. <i>Pain</i> , 2012 , 153, 184-196	8	25
15	Reduced excitability of gp130-deficient nociceptors is associated with increased voltage-gated potassium currents and Kcna4 channel upregulation. <i>Pflügers Archiv European Journal of Physiology</i> , 2014 , 466, 2153-65	4.6	19
14	Identification of voltage-gated K(+) channel beta 2 (Kv β 2) subunit as a novel interaction partner of the pain transducer Transient Receptor Potential Vanilloid 1 channel (TRPV1). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 3166-3175	4.9	16
13	Oncostatin M induces heat hypersensitivity by gp130-dependent sensitization of TRPV1 in sensory neurons. <i>Molecular Pain</i> , 2011 , 7, 102	3.4	16
12	Changes in Ionic Conductance Signature of Nociceptive Neurons Underlying Fabry Disease Phenotype. <i>Frontiers in Neurology</i> , 2017 , 8, 335	4.1	15
11	Sphingosine 1-phosphate to p38 signaling via S1P1 receptor and Gi/o evokes augmentation of capsaicin-induced ionic currents in mouse sensory neurons. <i>Molecular Pain</i> , 2014 , 10, 74	3.4	14
10	Signatures of Altered Gene Expression in Dorsal Root Ganglia of a Fabry Disease Mouse Model. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 449	6.1	12

9	Ablation of Sphingosine 1-Phosphate Receptor Subtype 3 Impairs Hippocampal Neuron Excitability and Spatial Working Memory. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 258	6.1	9
8	Impaired mechanical, heat, and cold nociception in a murine model of genetic TACE/ADAM17 knockdown. <i>FASEB Journal</i> , 2019 , 33, 4418-4431	0.9	9
7	TRPM7 residue S1269 mediates cAMP dependence of Ca ²⁺ influx. <i>PLoS ONE</i> , 2019 , 14, e0209563	3.7	9
6	Identification of Chloride Channels CLCN3 and CLCN5 Mediating the Excitatory Cl Currents Activated by Sphingosine-1-Phosphate in Sensory Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 33	6.1	7
5	Altered Gene Expression in Prefrontal Cortex of a Fabry Disease Mouse Model. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 201	6.1	6
4	Calcium channel kinetics of melanotrope cells in <i>Xenopus laevis</i> depend on environmental stimulation. <i>General and Comparative Endocrinology</i> , 2008 , 156, 104-12	3	4
3	The ceramide-S1P pathway as a druggable target to alleviate peripheral neuropathic pain. <i>Expert Opinion on Therapeutic Targets</i> , 2020 , 24, 869-884	6.4	3
2	High-NA two-photon single cell imaging with remote focusing using a diffractive tunable lens. <i>Biomedical Optics Express</i> , 2020 , 11, 7183-7191	3.5	2
1	PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 720973	6.1	0