

# Michiel Langeslag

## 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.

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	PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. <i>Frontiers in Molecular Neuroscience</i> , <b>2021</b> , 14, 720973	6.1	0
25	The ceramide-S1P pathway as a druggable target to alleviate peripheral neuropathic pain. <i>Expert Opinion on Therapeutic Targets</i> , <b>2020</b> , 24, 869-884	6.4	3
24	High-NA two-photon single cell imaging with remote focusing using a diffractive tunable lens. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 7183-7191	3.5	2
23	Impaired mechanical, heat, and cold nociception in a murine model of genetic TACE/ADAM17 knockdown. <i>FASEB Journal</i> , <b>2019</b> , 33, 4418-4431	0.9	9
22	TRPM7 residue S1269 mediates cAMP dependence of Ca <sup>2+</sup> influx. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209563	3.7	9
21	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> , <b>2018</b> , 11, 33	6.1	7
20	Altered Gene Expression in Prefrontal Cortex of a Fabry Disease Mouse Model. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 201	6.1	6
19	Signatures of Altered Gene Expression in Dorsal Root Ganglia of a Fabry Disease Mouse Model. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 449	6.1	12
18	Changes in Ionic Conductance Signature of Nociceptive Neurons Underlying Fabry Disease Phenotype. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 335	4.1	15
17	Ablation of Sphingosine 1-Phosphate Receptor Subtype 3 Impairs Hippocampal Neuron Excitability and Spatial Working Memory. <i>Frontiers in Cellular Neuroscience</i> , <b>2016</b> , 10, 258	6.1	9
16	Reduced excitability of gp130-deficient nociceptors is associated with increased voltage-gated potassium currents and Kcna4 channel upregulation. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2014</b> , 466, 2153-65	4.6	19
15	Sphingosine 1-phosphate to p38 signaling via S1P1 receptor and G <sub>i/o</sub> evokes augmentation of capsaicin-induced ionic currents in mouse sensory neurons. <i>Molecular Pain</i> , <b>2014</b> , 10, 74	3.4	14
14	Identification of voltage-gated K(+) channel beta 2 (Kv $\beta$ 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> , <b>2013</b> , 1833, 3166-3175	4.9	16
13	TRPM7 triggers Ca <sup>2+</sup> sparks and invadosome formation in neuroblastoma cells. <i>Cell Calcium</i> , <b>2013</b> , 54, 404-15	4	53
12	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> , <b>2013</b> , 33, 2582-92	6.6	45
11	G <sub>q/11</sub> signaling tonically modulates nociceptor function and contributes to activity-dependent sensitization. <i>Pain</i> , <b>2012</b> , 153, 184-196	8	25
10	Oncostatin M induces heat hypersensitivity by gp130-dependent sensitization of TRPV1 in sensory neurons. <i>Molecular Pain</i> , <b>2011</b> , 7, 102	3.4	16

9	A genome-wide <i>Drosophila</i> screen for heat nociception identifies $\text{TRPA}$ as an evolutionarily conserved pain gene. <i>Cell</i> , <b>2010</b> , 143, 628-38	56.2	217
8	Parathyroid hormone activates TRPV5 via PKA-dependent phosphorylation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 1693-704	12.7	121
7	Spatiotemporal regulation of chloride intracellular channel protein CLIC4 by RhoA. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 4664-72	3.5	36
6	Calcium channel kinetics of melanotrope cells in <i>Xenopus laevis</i> depend on environmental stimulation. <i>General and Comparative Endocrinology</i> , <b>2008</b> , 156, 104-12	3	4
5	Myosin II and mechanotransduction: a balancing act. <i>Trends in Cell Biology</i> , <b>2007</b> , 17, 178-86	18.3	165
4	Activation of TRPM7 channels by phospholipase C-coupled receptor agonists. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 232-9	5.4	91
3	TRPM7, a novel regulator of actomyosin contractility and cell adhesion. <i>EMBO Journal</i> , <b>2006</b> , 25, 290-301	13	282
2	Correcting confocal acquisition to optimize imaging of fluorescence resonance energy transfer by sensitized emission. <i>Biophysical Journal</i> , <b>2004</b> , 86, 2517-29	2.9	181
1	Calcium signaling regulates translocation and activation of Rac. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 39413-21	5.4	164