

# Maike D Glitsch

## 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.

27  
papers

1,036  
citations

18  
h-index

28  
g-index

28  
ext. papers

1,127  
ext. citations

6  
avg, IF

4.36  
L-index

#	Paper	IF	Citations
27	Helix 8 - Putting a spring in mechano-sensing. <i>Cell Calcium</i> , <b>2020</b> , 87, 102192	4	
26	The expanding functional roles and signaling mechanisms of adhesion G protein-coupled receptors. <i>Annals of the New York Academy of Sciences</i> , <b>2019</b> , 1456, 5-25	6.5	7
25	Mechano- and pH-sensing convergence on Ca-mobilising proteins - A recipe for cancer?. <i>Cell Calcium</i> , <b>2019</b> , 80, 38-45	4	9
24	Coincidence Detection of Membrane Stretch and Extracellular pH by the Proton-Sensing Receptor OGR1 (GPR68). <i>Current Biology</i> , <b>2018</b> , 28, 3815-3823.e4	6.3	22
23	Functional expression of calcium-permeable canonical transient receptor potential 4-containing channels promotes migration of medulloblastoma cells. <i>Journal of Physiology</i> , <b>2017</b> , 595, 5525-5544	3.9	18
22	Essentials of cell physiology. <i>Surgery</i> , <b>2016</b> , 34, 371-375	0.3	1
21	Extracellular acidosis impairs P2Y receptor-mediated Ca(2+) signalling and migration of microglia. <i>Cell Calcium</i> , <b>2015</b> , 57, 247-56	4	19
20	Reciprocal regulation of two G protein-coupled receptors sensing extracellular concentrations of Ca <sup>2+</sup> and H. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 10738-43	11.5	23
19	Extracellular Acidosis and Cancer <b>2014</b> , 123-133		
18	Lack of kinase regulation of canonical transient receptor potential 3 (TRPC3) channel-dependent currents in cerebellar Purkinje cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 6326-35	5.4	19
17	Protons and Ca <sup>2+</sup> : ionic allies in tumor progression?. <i>Physiology</i> , <b>2011</b> , 26, 252-65	9.8	26
16	Activation of native TRPC3 cation channels by phospholipase D. <i>FASEB Journal</i> , <b>2010</b> , 24, 318-25	0.9	27
15	Muscle dysfunction caused by a KATP channel mutation in neonatal diabetes is neuronal in origin. <i>Science</i> , <b>2010</b> , 329, 458-61	33.3	77
14	A point mutation in TRPC3 causes abnormal Purkinje cell development and cerebellar ataxia in moonwalker mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 6706-11	11.5	160
13	Differentiation impairs low pH-induced Ca <sup>2+</sup> signaling and ERK phosphorylation in granule precursor tumour cells. <i>Cell Calcium</i> , <b>2009</b> , 45, 391-9	4	9
12	Spontaneous neurotransmitter release and Ca <sup>2+</sup> ---how spontaneous is spontaneous neurotransmitter release?. <i>Cell Calcium</i> , <b>2008</b> , 43, 9-15	4	33
11	Extracellular acidification elicits spatially and temporally distinct Ca <sup>2+</sup> signals. <i>Current Biology</i> , <b>2008</b> , 18, 781-785	6.3	57

10	Calcium influx through N-methyl-D-aspartate receptors triggers GABA release at interneuron-Purkinje cell synapse in rat cerebellum. <i>Neuroscience</i> , <b>2008</b> , 151, 403-9	3.9	26
9	Changes in TRPC channel expression during postnatal development of cerebellar neurons. <i>Cell Calcium</i> , <b>2007</b> , 42, 1-10	4	57
8	Selective inhibition of spontaneous but not Ca <sup>2+</sup> -dependent release machinery by presynaptic group II mGluRs in rat cerebellar slices. <i>Journal of Neurophysiology</i> , <b>2006</b> , 96, 86-96	3.2	32
7	Effects of inhibitors of the lipo-oxygenase family of enzymes on the store-operated calcium current I(CRAC) in rat basophilic leukaemia cells. <i>Journal of Physiology</i> , <b>2002</b> , 539, 93-106	3.9	25
6	Store-operated Ca <sup>2+</sup> entry depends on mitochondrial Ca <sup>2+</sup> uptake. <i>EMBO Journal</i> , <b>2002</b> , 21, 6744-54	13	171
5	Evidence that glutamate acting on presynaptic type-II metabotropic glutamate receptors alone does not fully account for the phenomenon of depolarisation-induced suppression of inhibition in cerebellar Purkinje cells. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2001</b> , 442, 404-8	4.6	4
4	An examination of the secretion-like coupling model for the activation of the Ca <sup>2+</sup> release-activated Ca <sup>2+</sup> current I(CRAC) in RBL-1 cells. <i>Journal of Physiology</i> , <b>2001</b> , 532, 55-71	3.9	137
3	The retrograde inhibition of IPSCs in rat cerebellar purkinje cells is highly sensitive to intracellular Ca <sup>2+</sup> . <i>European Journal of Neuroscience</i> , <b>2000</b> , 12, 987-93	3.5	26
2	Ca <sup>2+</sup> store dynamics determines the pattern of activation of the store-operated Ca <sup>2+</sup> current I(CRAC) in response to InsP3 in rat basophilic leukaemia cells. <i>Journal of Physiology</i> , <b>2000</b> , 523 Pt 2, 283-90	3.9	37
1	Functional characterization of two 5-HT <sub>3</sub> receptor splice variants isolated from a mouse hippocampal cell line. <i>Pflügers Archiv European Journal of Physiology</i> , <b>1996</b> , 432, 134-43	4.6	14