

Maike D Glitsch

List of Publications by Citations

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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	Store-operated Ca ²⁺ entry depends on mitochondrial Ca ²⁺ uptake. <i>EMBO Journal</i> , 2002 , 21, 6744-54	13	171
26	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> , 2009 , 106, 6706-11	11.5	160
25	An examination of the secretion-like coupling model for the activation of the Ca ²⁺ release-activated Ca ²⁺ current I(CRAC) in RBL-1 cells. <i>Journal of Physiology</i> , 2001 , 532, 55-71	3.9	137
24	Muscle dysfunction caused by a KATP channel mutation in neonatal diabetes is neuronal in origin. <i>Science</i> , 2010 , 329, 458-61	33.3	77
23	Extracellular acidification elicits spatially and temporally distinct Ca ²⁺ signals. <i>Current Biology</i> , 2008 , 18, 781-785	6.3	57
22	Changes in TRPC channel expression during postnatal development of cerebellar neurons. <i>Cell Calcium</i> , 2007 , 42, 1-10	4	57
21	Ca ²⁺ store dynamics determines the pattern of activation of the store-operated Ca ²⁺ current I(CRAC) in response to InsP ₃ in rat basophilic leukaemia cells. <i>Journal of Physiology</i> , 2000 , 523 Pt 2, 283-90	3.9	37
20	Spontaneous neurotransmitter release and Ca ²⁺ --how spontaneous is spontaneous neurotransmitter release?. <i>Cell Calcium</i> , 2008 , 43, 9-15	4	33
19	Selective inhibition of spontaneous but not Ca ²⁺ -dependent release machinery by presynaptic group II mGluRs in rat cerebellar slices. <i>Journal of Neurophysiology</i> , 2006 , 96, 86-96	3.2	32
18	Activation of native TRPC3 cation channels by phospholipase D. <i>FASEB Journal</i> , 2010 , 24, 318-25	0.9	27
17	Protons and Ca ²⁺ : ionic allies in tumor progression?. <i>Physiology</i> , 2011 , 26, 252-65	9.8	26
16	Calcium influx through N-methyl-D-aspartate receptors triggers GABA release at interneuron-Purkinje cell synapse in rat cerebellum. <i>Neuroscience</i> , 2008 , 151, 403-9	3.9	26
15	The retrograde inhibition of IPSCs in rat cerebellar purkinje cells is highly sensitive to intracellular Ca ²⁺ . <i>European Journal of Neuroscience</i> , 2000 , 12, 987-93	3.5	26
14	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> , 2002 , 539, 93-106	3.9	25
13	Reciprocal regulation of two G protein-coupled receptors sensing extracellular concentrations of Ca ²⁺ and H. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10738-43	11.5	23
12	Coincidence Detection of Membrane Stretch and Extracellular pH by the Proton-Sensing Receptor OGR1 (GPR68). <i>Current Biology</i> , 2018 , 28, 3815-3823.e4	6.3	22
11	Extracellular acidosis impairs P2Y receptor-mediated Ca(2+) signalling and migration of microglia. <i>Cell Calcium</i> , 2015 , 57, 247-56	4	19

10	Lack of kinase regulation of canonical transient receptor potential 3 (TRPC3) channel-dependent currents in cerebellar Purkinje cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 6326-35	5.4	19
9	Functional expression of calcium-permeable canonical transient receptor potential 4-containing channels promotes migration of medulloblastoma cells. <i>Journal of Physiology</i> , 2017 , 595, 5525-5544	3.9	18
8	Functional characterization of two 5-HT ₃ receptor splice variants isolated from a mouse hippocampal cell line. <i>Pflügers Archiv European Journal of Physiology</i> , 1996 , 432, 134-43	4.6	14
7	Mechano- and pH-sensing convergence on Ca-mobilising proteins - A recipe for cancer?. <i>Cell Calcium</i> , 2019 , 80, 38-45	4	9
6	Differentiation impairs low pH-induced Ca ²⁺ signaling and ERK phosphorylation in granule precursor tumour cells. <i>Cell Calcium</i> , 2009 , 45, 391-9	4	9
5	The expanding functional roles and signaling mechanisms of adhesion G protein-coupled receptors. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1456, 5-25	6.5	7
4	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> , 2001 , 442, 404-8	4.6	4
3	Essentials of cell physiology. <i>Surgery</i> , 2016 , 34, 371-375	0.3	1
2	Helix 8 - Putting a spring in mechano-sensing. <i>Cell Calcium</i> , 2020 , 87, 102192	4	
1	Extracellular Acidosis and Cancer 2014 , 123-133		