

# Markus Delling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2182146/publications.pdf>

Version: 2024-02-01

16  
papers

2,823  
citations

840776

11  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

4424  
citing authors

#	ARTICLE	IF	CITATIONS
1	PI(3,5)P2 controls membrane trafficking by direct activation of mucolipin Ca <sup>2+</sup> release channels in the endolysosome. <i>Nature Communications</i> , 2010, 1, 38.	12.8	498
2	The type IV mucopolipidosis-associated protein TRPML1 is an endolysosomal iron release channel. <i>Nature</i> , 2008, 455, 992-996.	27.8	463
3	Primary cilia are specialized calcium signalling organelles. <i>Nature</i> , 2013, 504, 311-314.	27.8	429
4	MCOLN1 is a ROS sensor in lysosomes that regulates autophagy. <i>Nature Communications</i> , 2016, 7, 12109.	12.8	369
5	Direct recording and molecular identification of the calcium channel of primary cilia. <i>Nature</i> , 2013, 504, 315-318.	27.8	268
6	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Ion channels. <i>British Journal of Pharmacology</i> , 2019, 176, S142-S228.	5.4	242
7	Activating mutation in a mucolipin transient receptor potential channel leads to melanocyte loss in varintinâ€waddler mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18321-18326.	7.1	188
8	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Ion channels. <i>British Journal of Pharmacology</i> , 2021, 178, S157-S245.	5.4	187
9	Cellular aspect ratio and cell division mechanics underlie the patterning of cell progeny in diverse mammalian epithelia. <i>ELife</i> , 2018, 7, .	6.0	69
10	The heteromeric PC-1/PC-2 polycystin complex is activated by the PC-1 N-terminus. <i>ELife</i> , 2020, 9, .	6.0	45
11	Ion channels and calcium signaling in motile cilia. <i>ELife</i> , 2015, 4, .	6.0	37
12	New insights into ion channelâ€dependent signalling during leftâ€right patterning. <i>Journal of Physiology</i> , 2020, 598, 1741-1752.	2.9	10
13	Transient Receptor Potential channels (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	7
14	Electrophysiological Recordings of the Polycystin Complex in the Primary Cilium of Cultured Mouse IMCD-3 Cell Line. <i>Bio-protocol</i> , 2021, 11, e4196.	0.4	2
15	Transient Receptor Potential channels (TRP) in GtoPdb v.2021.3. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2021, 2021, .	0.2	1
16	Transient Receptor Potential channels (TRP) in GtoPdb v.2022.1. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2022, 2022, .	0.2	0