

Adrienne E Dubin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9423528/publications.pdf>

Version: 2024-02-01

14
papers

6,592
citations

623734

14
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

5804
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezo1 and Piezo2 Are Essential Components of Distinct Mechanically Activated Cation Channels. Science, 2010, 330, 55-60.	12.6	2,109
2	Piezo proteins are pore-forming subunits of mechanically activated channels. Nature, 2012, 483, 176-181.	27.8	848
3	Piezo2 is the major transducer of mechanical forces for touch sensation in mice. Nature, 2014, 516, 121-125.	27.8	660
4	Piezo2 is required for Merkel-cell mechanotransduction. Nature, 2014, 509, 622-626.	27.8	590
5	SWELL1, a Plasma Membrane Protein, Is an Essential Component of Volume-Regulated Anion Channel. Cell, 2014, 157, 447-458.	28.9	467
6	Chemical activation of the mechanotransduction channel Piezo1. ELife, 2015, 4, .	6.0	461
7	Piezos thrive under pressure: mechanically activated ion channels in health and disease. Nature Reviews Molecular Cell Biology, 2017, 18, 771-783.	37.0	366
8	The mechanosensitive ion channel Piezo2 mediates sensitivity to mechanical pain in mice. Science Translational Medicine, 2018, 10, .	12.4	247
9	OSCA/TMEM63 are an evolutionarily conserved family of mechanically activated ion channels. ELife, 2018, 7, .	6.0	230
10	LRRC8 Proteins Form Volume-Regulated Anion Channels that Sense Ionic Strength. Cell, 2016, 164, 499-511.	28.9	209
11	Endogenous Piezo1 Can Confound Mechanically Activated Channel Identification and Characterization. Neuron, 2017, 94, 266-270.e3.	8.1	122
12	A role of PIEZO1 in iron metabolism in mice and humans. Cell, 2021, 184, 969-982.e13.	28.9	108
13	Structure of the human volume regulated anion channel. ELife, 2018, 7, .	6.0	91
14	PIEZO ion channel is required for root mechanotransduction in <i>Arabidopsis thaliana</i> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	65