

# 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

623188

14  
h-index

1058022

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

5804  
citing authors

#	ARTICLE	IF	CITATIONS
1	A role of PIEZO1 in iron metabolism in mice and humans. <i>Cell</i> , 2021, 184, 969-982.e13.	13.5	108
2	PIEZO ion channel is required for root mechanotransduction in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	65
3	The mechanosensitive ion channel Piezo2 mediates sensitivity to mechanical pain in mice. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	247
4	Structure of the human volume regulated anion channel. <i>ELife</i> , 2018, 7, .	2.8	91
5	OSCA/TMEM63 are an evolutionarily conserved family of mechanically activated ion channels. <i>ELife</i> , 2018, 7, .	2.8	230
6	Endogenous Piezo1 Can Confound Mechanically Activated Channel Identification and Characterization. <i>Neuron</i> , 2017, 94, 266-270.e3.	3.8	122
7	Piezos thrive under pressure: mechanically activated ion channels in health and disease. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 771-783.	16.1	366
8	LRRC8 Proteins Form Volume-Regulated Anion Channels that Sense Ionic Strength. <i>Cell</i> , 2016, 164, 499-511.	13.5	209
9	Chemical activation of the mechanotransduction channel Piezo1. <i>ELife</i> , 2015, 4, .	2.8	461
10	Piezo2 is the major transducer of mechanical forces for touch sensation in mice. <i>Nature</i> , 2014, 516, 121-125.	13.7	660
11	SWELL1, a Plasma Membrane Protein, Is an Essential Component of Volume-Regulated Anion Channel. <i>Cell</i> , 2014, 157, 447-458.	13.5	467
12	Piezo2 is required for Merkel-cell mechanotransduction. <i>Nature</i> , 2014, 509, 622-626.	13.7	590
13	Piezo proteins are pore-forming subunits of mechanically activated channels. <i>Nature</i> , 2012, 483, 176-181.	13.7	848
14	Piezo1 and Piezo2 Are Essential Components of Distinct Mechanically Activated Cation Channels. <i>Science</i> , 2010, 330, 55-60.	6.0	2,109