

Wang Zheng

List of Publications by Year in descending order

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6
papers

214
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	A hydrophobic gate in the inner pore helix is the major determinant of inactivation in mechanosensitive Piezo channels. <i>ELife</i> , 2019, 8, .	6.0	53
2	Hydrophobic pore gates regulate ion permeation in polycystic kidney disease 2 and 2L1 channels. <i>Nature Communications</i> , 2018, 9, 2302.	12.8	51
3	Piezo2 integrates mechanical and thermal cues in vertebrate mechanoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17547-17555.	7.1	42
4	Identification and characterization of hydrophobic gate residues in TRP channels. <i>FASEB Journal</i> , 2018, 32, 639-653.	0.5	32
5	pH regulates potassium conductance and drives a constitutive proton current in human TMEM175. <i>Science Advances</i> , 2022, 8, eabm1568.	10.3	22
6	Regulation of TRPP3 Channel Function by N-terminal Domain Palmitoylation and Phosphorylation. <i>Journal of Biological Chemistry</i> , 2016, 291, 25678-25691.	3.4	14