

Xiaojing Pan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8082481/publications.pdf>

Version: 2024-02-01

14
papers

1,713
citations

759190

12
h-index

1058452

14
g-index

17
all docs

17
docs citations

17
times ranked

1981
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a eukaryotic voltage-gated sodium channel at near-atomic resolution. <i>Science</i> , 2017, 355, .	12.6	351
2	Structure of the human voltage-gated sodium channel Na _v 1.4 in complex with Î²1. <i>Science</i> , 2018, 362, .	12.6	333
3	Structural basis for the gating mechanism of the type 2 ryanodine receptor RyR2. <i>Science</i> , 2016, 354, .	12.6	221
4	Structural basis for the modulation of voltage-gated sodium channels by animal toxins. <i>Science</i> , 2018, 362, .	12.6	200
5	Molecular basis for pore blockade of human Na ⁺ channel Na _v 1.2 by the Î¼-conotoxin KIIIA. <i>Science</i> , 2019, 363, 1309-1313.	12.6	197
6	Cryo-EM structures of apo and antagonist-bound human Cav3.1. <i>Nature</i> , 2019, 576, 492-497.	27.8	116
7	Structural Basis for Pore Blockade of the Human Cardiac Sodium Channel Na _v 1.5 by the Antiarrhythmic Drug Quinidine**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11474-11480.	13.8	63
8	Comparative structural analysis of human Na _v 1.1 and Na _v 1.5 reveals mutational hotspots for sodium channelopathies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	56
9	Structure of human Na _v 1.5 reveals the fast inactivation-related segments as a mutational hotspot for the long QT syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	44
10	Structural insights into the gating mechanism of human SLC26A9 mediated by its C-terminal sequence. <i>Cell Discovery</i> , 2020, 6, 55.	6.7	43
11	High-resolution structures of human Nav1.7 reveal gating modulation through Î±-helical transition of S6IV. <i>Cell Reports</i> , 2022, 39, 110735.	6.4	35
12	Employing NaChBac for cryo-EM analysis of toxin action on voltage-gated Na ⁺ channels in nanodisc. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14187-14193.	7.1	33
13	Structural Basis for Pore Blockade of the Human Cardiac Sodium Channel Na _v 1.5 by the Antiarrhythmic Drug Quinidine**. <i>Angewandte Chemie</i> , 2021, 133, 11575-11581.	2.0	6
14	Structural determination of human Nav1.4 and Nav1.7 using single particle cryo-electron microscopy. <i>Methods in Enzymology</i> , 2021, 653, 103-120.	1.0	5