

Jianping Wu

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

4,312
citations

279778

23
h-index

330122

37
g-index

47
all docs

47
docs citations

47
times ranked

6183
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of the human glucose transporter GLUT1. <i>Nature</i> , 2014, 510, 121-125.	27.8	592
2	Structure of the voltage-gated calcium channel Cav1.1 at 3.6Å resolution. <i>Nature</i> , 2016, 537, 191-196.	27.8	398
3	Structure of the rabbit ryanodine receptor RyR1 at near-atomic resolution. <i>Nature</i> , 2015, 517, 50-55.	27.8	391
4	Structure of a eukaryotic voltage-gated sodium channel at near-atomic resolution. <i>Science</i> , 2017, 355, .	12.6	351
5	Structure of the Nav1.4-β1 Complex from Electric Eel. <i>Cell</i> , 2017, 170, 470-482.e11.	28.9	272
6	Structure of the voltage-gated calcium channel Ca _v 1.1 complex. <i>Science</i> , 2015, 350, aad2395.	12.6	270
7	Structural Insights into the Niemann-Pick C1 (NPC1)-Mediated Cholesterol Transfer and Ebola Infection. <i>Cell</i> , 2016, 165, 1467-1478.	28.9	266
8	Structural basis for the gating mechanism of the type 2 ryanodine receptor RyR2. <i>Science</i> , 2016, 354, .	12.6	221
9	Structural basis for the modulation of voltage-gated sodium channels by animal toxins. <i>Science</i> , 2018, 362, .	12.6	200
10	An atomic structure of the human 26S proteasome. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 778-785.	8.2	189
11	Molecular Basis for Ligand Modulation of a Mammalian Voltage-Gated Ca ²⁺ Channel. <i>Cell</i> , 2019, 177, 1495-1506.e12.	28.9	172
12	Functional and genetic analysis of viral receptor ACE2 orthologs reveals a broad potential host range of SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	168
13	TIPE3 Is the Transfer Protein of Lipid Second Messengers that Promote Cancer. <i>Cancer Cell</i> , 2014, 26, 465-478.	16.8	93
14	The Central domain of RyR1 is the transducer for long-range allosteric gating of channel opening. <i>Cell Research</i> , 2016, 26, 995-1006.	12.0	93
15	Structure of an endogenous yeast 26S proteasome reveals two major conformational states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2642-2647.	7.1	75
16	Crystal structure of human lysyl oxidase-like 2 (hLOXL2) in a precursor state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3828-3833.	7.1	55
17	Structure of a mammalian sperm cation channel complex. <i>Nature</i> , 2021, 595, 746-750.	27.8	44
18	Structural basis for gating mechanism of Pannexin 1 channel. <i>Cell Research</i> , 2020, 30, 452-454.	12.0	43

#	ARTICLE	IF	CITATIONS
19	Mutation Y453F in the spike protein of SARS-CoV-2 enhances interaction with the mink ACE2 receptor for host adaption. <i>PLoS Pathogens</i> , 2021, 17, e1010053.	4.7	43
20	Structural and biochemical analysis of Bcl-2 interaction with the hepatitis B virus protein HBx. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2074-2079.	7.1	42
21	Crystal structure of a LacYâ€“nanobody complex in a periplasmic-open conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12420-12425.	7.1	38
22	Comparative analysis reveals the species-specific genetic determinants of ACE2 required for SARS-CoV-2 entry. <i>PLoS Pathogens</i> , 2021, 17, e1009392.	4.7	34
23	Crystal structure of a mycobacterial Insig homolog provides insight into how these sensors monitor sterol levels. <i>Science</i> , 2015, 349, 187-191.	12.6	32
24	Structure of the human sodium leak channel NALCN in complex with FAM155A. <i>Nature Communications</i> , 2020, 11, 5831.	12.8	24
25	Susceptibilities of Human ACE2 Genetic Variants in Coronavirus Infection. <i>Journal of Virology</i> , 2022, 96, JVI0149221.	3.4	22
26	Examination of the Dimerization States of the Single-stranded RNA Recognition Protein Pentatricopeptide Repeat 10 (PPR10). <i>Journal of Biological Chemistry</i> , 2014, 289, 31503-31512.	3.4	16
27	Cryo-EM structures of human TMEM120A and TMEM120B. <i>Cell Discovery</i> , 2021, 7, 77.	6.7	16
28	Structure of the WD40 domain of SCAP from fission yeast reveals the molecular basis for SREBP recognition. <i>Cell Research</i> , 2015, 25, 401-411.	12.0	15
29	Adaptive Traffic Signal Control Model on Intersections Based on Deep Reinforcement Learning. <i>Journal of Advanced Transportation</i> , 2020, 2020, 1-14.	1.7	11
30	Preventing IP source address spoofing: A two-level, state machine-based method. <i>Tsinghua Science and Technology</i> , 2009, 14, 413-422.	6.1	10
31	Structure-Function Relationship of the Voltage-Gated Calcium Channel Cav1.1 Complex. <i>Advances in Experimental Medicine and Biology</i> , 2017, 981, 23-39.	1.6	9
32	Factors Influencing the Acceptance of Robo-Taxi Services in China: An Extended Technology Acceptance Model Analysis. <i>Journal of Advanced Transportation</i> , 2022, 2022, 1-11.	1.7	8
33	A two-level source address spoofing prevention based on automatic signature and verification mechanism. , 2008, , .		7
34	Architecture of the human NALCN channelosome. <i>Cell Discovery</i> , 2022, 8, 33.	6.7	7
35	A scalable, Web-based architecture for hierarchical network management. , 0, , .		6
36	A Study on Public Adoption of Robo-Taxis in China. <i>Journal of Advanced Transportation</i> , 2020, 2020, 1-8.	1.7	6

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37	High-fidelity biosensing of dNTPs and nucleic acids by controllable subnanometer channel PaMscS. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113894.	10.1	6
38	Exploring the Energy Efficiency of Electric Vehicles with Driving Behavioral Data from a Field Test and Questionnaire. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-14.	1.7	5
39	IPv6 development in China. , 0, , .		4
40	An IPv6 Test-Bed Implementation for a Future Source Address Validation Architecture. , 2008, , .		3
41	Online Traffic Accident Spatial-Temporal Post-Impact Prediction Model on Highways Based on Spiking Neural Networks. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-20.	1.7	2
42	A Web-based, event-driven management architecture. , 1999, , .		1
43	CNGI Project and CERNET2. , 2004, , .		1