Jianping Wu

List of Publications by Year
in descending order

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	Susceptibilities of Human ACE2 Genetic Variants in Coronavirus Infection. Journal of Virology, 2022, 96, JVI0149221.	3.4	22
2	High-fidelity biosensing of dNTPs and nucleic acids by controllable subnanometer channel PaMscS. Biosensors and Bioelectronics, 2022, 200, 113894.	10.1	6
3	Architecture of the human NALCN channelosome. Cell Discovery, 2022, 8, 33.	6.7	7
4	Factors Influencing the Acceptance of Robo-Taxi Services in China: An Extended Technology Acceptance Model Analysis. Journal of Advanced Transportation, 2022, 2022, 1-11.	1.7	8
5	Functional and genetic analysis of viral receptor ACE2 orthologs reveals a broad potential host range of SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	168
6	Comparative analysis reveals the species-specific genetic determinants of ACE2 required for SARS-CoV-2 entry. PLoS Pathogens, 2021, 17, e1009392.	4.7	34
7	Structure of a mammalian sperm cation channel complex. Nature, 2021, 595, 746-750.	27.8	44
8	Cryo-EM structures of human TMEM120A and TMEM120B. Cell Discovery, 2021, 7, 77.	6.7	16
9	Mutation Y453F in the spike protein of SARS-CoV-2 enhances interaction with the mink ACE2 receptor for host adaption. PLoS Pathogens, 2021, 17, e1010053.	4.7	43
10	Online Traffic Accident Spatial-Temporal Post-Impact Prediction Model on Highways Based on Spiking Neural Networks. Journal of Advanced Transportation, 2021, 2021, 1-20.	1.7	2
11	A Study on Public Adoption of Robo-Taxis in China. Journal of Advanced Transportation, 2020, 2020, 1-8.	1.7	6
12	Adaptive Traffic Signal Control Model on Intersections Based on Deep Reinforcement Learning. Journal of Advanced Transportation, 2020, 2020, 1-14.	1.7	11
13	Structure of the human sodium leak channel NALCN in complex with FAM155A. Nature Communications, 2020, 11, 5831.	12.8	24
14	Structural basis for gating mechanism of Pannexin 1 channel. Cell Research, 2020, 30, 452-454.	12.0	43
15	Molecular Basis for Ligand Modulation of a Mammalian Voltage-Gated Ca2+ Channel. Cell, 2019, 177, 1495-1506.e12.	28.9	172
16	Crystal structure of human lysyl oxidase-like 2 (hLOXL2) in a precursor state. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3828-3833.	7.1	55
17	Exploring the Energy Efficiency of Electric Vehicles with Driving Behavioral Data from a Field Test and Questionnaire. Journal of Advanced Transportation, 2018, 2018, 1-14.	1.7	5
18	Structural basis for the modulation of voltage-gated sodium channels by animal toxins. Science, 2018, 362, .	12.6	200

#	ARTICLE	IF	CITATIONS
19	Structure of a eukaryotic voltage-gated sodium channel at near-atomic resolution. Science, 2017, 355, .	12.6	351
20	Structure of the Nav1.4-β1 Complex from Electric Eel. Cell, 2017, 170, 470-482.e11.	28.9	272
21	Structure-Function Relationship of the Voltage-Gated Calcium Channel Cav1.1 Complex. Advances in Experimental Medicine and Biology, 2017, 981, 23-39.	1.6	9
22	Structural Insights into the Niemann-Pick C1 (NPC1)-Mediated Cholesterol Transfer and Ebola Infection. Cell, 2016, 165, 1467-1478.	28.9	266
23	The Central domain of RyR1 is the transducer for long-range allosteric gating of channel opening. Cell Research, 2016, 26, 995-1006.	12.0	93
24	Structural basis for the gating mechanism of the type 2 ryanodine receptor RyR2. Science, 2016, 354, .	12.6	221
25	Structure of the voltage-gated calcium channel Cav1.1 at 3.6Å resolution. Nature, 2016, 537, 191-196.	27.8	398
26	An atomic structure of the human 26S proteasome. Nature Structural and Molecular Biology, 2016, 23, 778-785.	8.2	189
27	Crystal structure of a LacY–nanobody complex in a periplasmic-open conformation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12420-12425.	7.1	38
28	Structural and biochemical analysis of Bcl-2 interaction with the hepatitis B virus protein HBx. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2074-2079.	7.1	42
29	Structure of an endogenous yeast 26S proteasome reveals two major conformational states. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2642-2647.	7.1	75
30	Structure of the voltage-gated calcium channel Ca$_v$1.1 complex. Science, 2015, 350, aad2395.	12.6	270
31	Crystal structure of a mycobacterial Insig homolog provides insight into how these sensors monitor sterol levels. Science, 2015, 349, 187-191.	12.6	32
32	Structure of the WD40 domain of SCAP from fission yeast reveals the molecular basis for SREBP recognition. Cell Research, 2015, 25, 401-411.	12.0	15
33	Structure of the rabbit ryanodine receptor RyR1 at near-atomic resolution. Nature, 2015, 517, 50-55.	27.8	391
34	Examination of the Dimerization States of the Single-stranded RNA Recognition Protein Pentatricopeptide Repeat 10 (PPR10). Journal of Biological Chemistry, 2014, 289, 31503-31512.	3.4	16
35	Crystal structure of the human glucose transporter GLUT1. Nature, 2014, 510, 121-125.	27.8	592
36	TIPE3 Is the Transfer Protein of Lipid Second Messengers that Promote Cancer. Cancer Cell, 2014, 26, 465-478.	16.8	93

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37	Preventing IP source address spoofing: A two-level, state machine-based method. Tsinghua Science and Technology, 2009, 14, 413-422.	6.1	10
38	An IPv6 Test-Bed Implementation for a Future Source Address Validation Architecture. , 2008, , .		3
39	A two-level source address spoofing prevention based on automatic signature and verification mechanism. , 2008, , .		7
40	CNGI Project and CERNET2. , 2004, , .		1
41	A Web-based, event-driven management architecture. , 1999, , .		1
42	A scalable, Web-based architecture for hierarchical network management. , 0, , .		6
43	IPv6 development in China. , 0, , .		4