

# Yan Zhao

## List of Publications by Year in descending order

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29  
papers

1,781  
citations

430754

18  
h-index

477173

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of human glycosylphosphatidylinositol transamidase. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 203-209.	3.6	11
2	Structural basis for modulation of human NaV1.3 by clinical drug and selective antagonist. <i>Nature Communications</i> , 2022, 13, 1286.	5.8	36
3	Structure, gating, and pharmacology of human CaV3.3 channel. <i>Nature Communications</i> , 2022, 13, 2084.	5.8	22
4	Structural basis of autoinhibition of the human NHE3-CHP1 complex. <i>Science Advances</i> , 2022, 8, .	4.7	11
5	Structural basis of ligand binding modes of human EAAT2. <i>Nature Communications</i> , 2022, 13, .	5.8	12
6	Structure and mechanism of the human NHE1-CHP1 complex. <i>Nature Communications</i> , 2021, 12, 3474.	5.8	45
7	SLC-30A9 is required for Zn <sup>2+</sup> homeostasis, Zn <sup>2+</sup> mobilization, and mitochondrial health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
8	TMEM120A contains a specific coenzyme A-binding site and might not mediate poking- or stretch-induced channel activities in cells. <i>ELife</i> , 2021, 10, .	2.8	20
9	Kainate receptor modulation by NETO2. <i>Nature</i> , 2021, 599, 325-329.	13.7	20
10	Closed-state inactivation and pore-blocker modulation mechanisms of human CaV2.2. <i>Cell Reports</i> , 2021, 37, 109931.	2.9	35
11	Structure of the Cardiac Sodium Channel. <i>Cell</i> , 2020, 180, 122-134.e10.	13.5	217
12	Structure of the <i>Dietzia</i> Mrp complex reveals molecular mechanism of this giant bacterial sodium proton pump. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31166-31176.	3.3	8
13	Architecture and subunit arrangement of native AMPA receptors elucidated by cryo-EM. <i>Science</i> , 2019, 364, 355-362.	6.0	134
14	Structure of YidC from <i>Thermotoga maritima</i> and its implications for YidC-mediated membrane protein insertion. <i>FASEB Journal</i> , 2018, 32, 2411-2421.	0.2	28
15	Etoposide-induced protein 2.4 functions as a regulator of the calcium ATPase and protects pancreatic $\beta$ -cell survival. <i>Journal of Biological Chemistry</i> , 2018, 293, 10128-10140.	1.6	18
16	Activation and Desensitization Mechanism of AMPA Receptor-TARP Complex by Cryo-EM. <i>Cell</i> , 2017, 170, 1234-1246.e14.	13.5	111
17	Architecture of fully occupied GluA2 AMPA receptor-TARP complex elucidated by cryo-EM. <i>Nature</i> , 2016, 536, 108-111.	13.7	100
18	Crystal structure of <i>E. coli</i> lipoprotein diacylglycerol transferase. <i>Nature Communications</i> , 2016, 7, 10198.	5.8	81

#	ARTICLE	IF	CITATIONS
19	Thermodynamics of ABC transporters. <i>Protein and Cell</i> , 2016, 7, 17-27.	4.8	19
20	Homeostatic Control of Innate Lung Inflammation by Vici Syndrome Gene Epg5 and Additional Autophagy Genes Promotes Influenza Pathogenesis. <i>Cell Host and Microbe</i> , 2016, 19, 102-113.	5.1	83
21	Energy coupling mechanisms of <i>scp</i> MFS transporters. <i>Protein Science</i> , 2015, 24, 1560-1579.	3.1	101
22	Substrate-bound structure of the E. coli multidrug resistance transporter MdfA. <i>Cell Research</i> , 2015, 25, 1060-1073.	5.7	149
23	Crystal structure of lipid phosphatase <i>Escherichia coli</i> phosphatidylglycerophosphate phosphatase B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7636-7640.	3.3	52
24	Dapper1 promotes autophagy by enhancing the Beclin1-Vps34-Atg14L complex formation. <i>Cell Research</i> , 2014, 24, 912-924.	5.7	57
25	Structure of the nonameric bacterial amyloid secretion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5439-44.	3.3	87
26	Crystal structure and biochemical studies of <i>Brucella melitensis</i> 5-methylthioadenosine/S-adenosylhomocysteine nucleosidase. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 965-970.	1.0	6
27	Atomic resolution structure of the E. coli YajR transporter YAM domain. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 929-935.	1.0	8
28	Crystal Structure of the E. coli Peptide Transporter YbgH. <i>Structure</i> , 2014, 22, 1152-1160.	1.6	66
29	Structural basis for lipopolysaccharide insertion in the bacterial outer membrane. <i>Nature</i> , 2014, 511, 108-111.	13.7	221