

Zhiheng Yu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,177
citations

586496

16
h-index

721071

23
g-index

25
all docs

25
docs citations

25
times ranked

2138
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structures of the human GATOR1-Rag-Ragulator complex reveal a spatial-constraint regulated GAP mechanism. <i>Molecular Cell</i> , 2022, 82, 1836-1849.e5.	4.5	19
2	Cryo-EM structure of the EBV ribonucleotide reductase BORF2 and mechanism of APOBEC3B inhibition. <i>Science Advances</i> , 2022, 8, eabm2827.	4.7	15
3	Cryo-EM structures of the Human GATOR1-Rag-Ragulator Complex Reveal a Spatial-Constraint Regulated GAP Mechanism. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
4	Cryo-EM structures of excitatory amino acid transporter 3 visualize coupled substrate, sodium, and proton binding and transport. <i>Science Advances</i> , 2021, 7, .	4.7	28
5	CryoEM structure of the antibacterial target PBP1b at 3.3Å... resolution. <i>Nature Communications</i> , 2021, 12, 2775.	5.8	10
6	Structure and RNA template requirements of <i>Arabidopsis</i> RNA-DEPENDENT RNA POLYMERASE 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
7	Structural insight into the <i>Staphylococcus aureus</i> ATP-driven exporter of virulent peptide toxins. <i>Science Advances</i> , 2020, 6, .	4.7	9
8	The structural basis of Rubisco phase separation in the pyrenoid. <i>Nature Plants</i> , 2020, 6, 1480-1490.	4.7	68
9	Microdomains form on the luminal face of neuronal extracellular vesicle membranes. <i>Scientific Reports</i> , 2020, 10, 11953.	1.6	14
10	Structure of human GABAB receptor in an inactive state. <i>Nature</i> , 2020, 584, 304-309.	13.7	59
11	T3S injectisome needle complex structures in four distinct states reveal the basis of membrane coupling and assembly. <i>Nature Microbiology</i> , 2019, 4, 2010-2019.	5.9	58
12	Cryo-EM Structure of the Human FLCN-FNIP2-Rag-Ragulator Complex. <i>Cell</i> , 2019, 179, 1319-1329.e8.	13.5	98
13	Cryo-EM structure of the homohexameric T3SS ATPase-central stalk complex reveals rotary ATPase-like asymmetry. <i>Nature Communications</i> , 2019, 10, 626.	5.8	58
14	Structure of an endosomal signaling GPCR-G protein- β -arrestin megacomplex. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1123-1131.	3.6	139
15	Structure of <i>Plasmodium falciparum</i> Rh5-CyRPA-Ripr invasion complex. <i>Nature</i> , 2019, 565, 118-121.	13.7	74
16	Cryo-EM analysis of the T3S injectisome reveals the structure of the needle and open secretin. <i>Nature Communications</i> , 2018, 9, 3840.	5.8	106
17	Cryo-EM structure of an essential <i>Plasmodium vivax</i> invasion complex. <i>Nature</i> , 2018, 559, 135-139.	13.7	43
18	Near-atomic resolution cryoelectron microscopy structure of the 30-fold homooligomeric SpoIIAG channel essential to spore formation in <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7073-E7081.	3.3	32

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19	Structural basis of bacterial transcription activation. <i>Science</i> , 2017, 358, 947-951.	6.0	71
20	Near-atomic-resolution cryo-EM analysis of the Salmonella T3S injectisome basal body. <i>Nature</i> , 2016, 540, 597-601.	13.7	127
21	Unclosed HIV-1 Capsids Suggest a Curled Sheet Model of Assembly. <i>Journal of Molecular Biology</i> , 2013, 425, 112-123.	2.0	60
22	Lenalidomide plus high-dose dexamethasone provides improved overall survival compared to high-dose dexamethasone alone for relapsed or refractory multiple myeloma (MM): Results of a North American phase III study (MM-009). <i>Journal of Clinical Oncology</i> , 2006, 24, 7521-7521.	0.8	45