

Jun Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

838
citations

567281

15
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	The flagellar motor protein Flil forms a scaffold of circumferentially positioned rings required for stator activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	24
2	Flil ring enhances the function of periplasmic flagella. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117245119.	7.1	19
3	In situ architecture of the lipid transport protein VPS13C at ER–lysosome membrane contacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	27
4	A mammalian system for high-resolution imaging of intact cells by cryo-electron tomography. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 160, 87-96.	2.9	2
5	Structural basis of bacterial flagellar motor rotation and switching. <i>Trends in Microbiology</i> , 2021, 29, 1024-1033.	7.7	10
6	Symmetrical arrangement of proteins under release-ready vesicles in presynaptic terminals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	40
7	Characterization of the Flagellar Collar Reveals Structural Plasticity Essential for Spirochete Motility. <i>MBio</i> , 2021, 12, e0249421.	4.1	9
8	Molecular mechanism for rotational switching of the bacterial flagellar motor. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1041-1047.	8.2	83
9	Seeing a Contractile Bactericidal Nanomachine in Action at Near-Atomic Resolution. <i>Biochemistry</i> , 2020, 59, 2203-2204.	2.5	0
10	Establishing rod shape from spherical, peptidoglycan-deficient bacterial spores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14444-14452.	7.1	9
11	c-di-GMP modulates type IV MSHA pilus retraction and surface attachment in <i>Vibrio cholerae</i> . <i>Nature Communications</i> , 2020, 11, 1549.	12.8	70
12	Subnanometer structures of HIV-1 envelope trimers on aldrithiol-2-inactivated virus particles. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 726-734.	8.2	55
13	The flagellar motor of <i>Vibrio alginolyticus</i> undergoes major structural remodeling during rotational switching. <i>ELife</i> , 2020, 9, .	6.0	44
14	Defining the layers of a sensory cilium with STORM and cryoelectron nanoscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23562-23572.	7.1	31
15	Structural dynamics of bacteriophage P22 infection initiation revealed by cryo-electron tomography. <i>Nature Microbiology</i> , 2019, 4, 1049-1056.	13.3	61
16	Role of SpaO in the assembly of the sorting platform of a <i>Salmonella</i> type III secretion system. <i>PLoS Pathogens</i> , 2019, 15, e1007565.	4.7	32
17	High-resolution view of the type III secretion export apparatus in situ reveals membrane remodeling and a secretion pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24786-24795.	7.1	46
18	Three-dimensional structure of the basketweave Z-band in midshipman fish sonic muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15534-15539.	7.1	19

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19	Structural insights into flagellar stator-rotor interactions. <i>ELife</i> , 2019, 8, .	6.0	40
20	Cryo-electron tomography of periplasmic flagella in <i>Borrelia burgdorferi</i> reveals a distinct cytoplasmic ATPase complex. <i>PLoS Biology</i> , 2018, 16, e3000050.	5.6	21
21	A unique cytoplasmic ATPase complex defines the <i>Legionella pneumophila</i> type IV secretion channel. <i>Nature Microbiology</i> , 2018, 3, 678-686.	13.3	80
22	Visualization of the type III secretion mediated <i>Salmonella</i> -host cell interface using cryo-electron tomography. <i>ELife</i> , 2018, 7, .	6.0	100