

# Jun Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8669213/publications.pdf>

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	Visualization of the type III secretion mediated Salmonella host cell interface using cryo-electron tomography. <i>ELife</i> , 2018, 7, .	6.0	100
2	Molecular mechanism for rotational switching of the bacterial flagellar motor. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1041-1047.	8.2	83
3	A unique cytoplasmic ATPase complex defines the Legionella pneumophila type IV secretion channel. <i>Nature Microbiology</i> , 2018, 3, 678-686.	13.3	80
4	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
5	Structural dynamics of bacteriophage P22 infection initiation revealed by cryo-electron tomography. <i>Nature Microbiology</i> , 2019, 4, 1049-1056.	13.3	61
6	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
7	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
8	The flagellar motor of <i>Vibrio alginolyticus</i> undergoes major structural remodeling during rotational switching. <i>ELife</i> , 2020, 9, .	6.0	44
9	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
10	Structural insights into flagellar stator rotor interactions. <i>ELife</i> , 2019, 8, .	6.0	40
11	Role of SpaO in the assembly of the sorting platform of a Salmonella type III secretion system. <i>PLoS Pathogens</i> , 2019, 15, e1007565.	4.7	32
12	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
13	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
14	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
15	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
16	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
17	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
18	Structural basis of bacterial flagellar motor rotation and switching. <i>Trends in Microbiology</i> , 2021, 29, 1024-1033.	7.7	10

#	ARTICLE	IF	CITATIONS
19	Establishing rod shape from spherical, peptidoglycan-deficient bacterial spores. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14444-14452.	7.1	9
20	Characterization of the Flagellar Collar Reveals Structural Plasticity Essential for Spirochete Motility. MBio, 2021, 12, e0249421.	4.1	9
21	A mammalian system for high-resolution imaging of intact cells by cryo-electron tomography. Progress in Biophysics and Molecular Biology, 2021, 160, 87-96.	2.9	2
22	Seeing a Contractile Bactericidal Nanomachine in Action at Near-Atomic Resolution. Biochemistry, 2020, 59, 2203-2204.	2.5	0