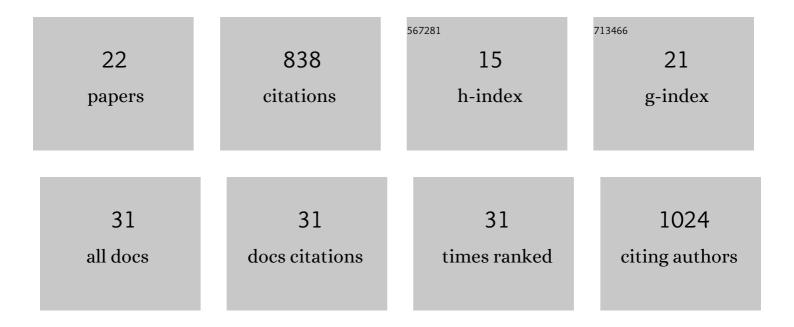
Jun Liu

List of Publications by Year in descending order

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Тим Гил

#	Article	IF	CITATIONS
1	Visualization of the type III secretion mediated Salmonella–host cell interface using cryo-electron tomography. ELife, 2018, 7, .	6.0	100
2	Molecular mechanism for rotational switching of the bacterial flagellar motor. Nature Structural and Molecular Biology, 2020, 27, 1041-1047.	8.2	83
3	A unique cytoplasmic ATPase complex defines the Legionella pneumophila type IV secretion channel. Nature Microbiology, 2018, 3, 678-686.	13.3	80
4	c-di-GMP modulates type IV MSHA pilus retraction and surface attachment in Vibrio cholerae. Nature Communications, 2020, 11, 1549.	12.8	70
5	Structural dynamics of bacteriophage P22 infection initiation revealed by cryo-electron tomography. Nature Microbiology, 2019, 4, 1049-1056.	13.3	61
6	Subnanometer structures of HIV-1 envelope trimers on aldrithiol-2-inactivated virus particles. Nature Structural and Molecular Biology, 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. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24786-24795.	7.1	46
8	The flagellar motor of Vibrio alginolyticus undergoes major structural remodeling during rotational switching. ELife, 2020, 9, .	6.0	44
9	Symmetrical arrangement of proteins under release-ready vesicles in presynaptic terminals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
10	Structural insights into flagellar stator–rotor interactions. ELife, 2019, 8, .	6.0	40
11	Role of SpaO in the assembly of the sorting platform of a Salmonella type III secretion system. PLoS Pathogens, 2019, 15, e1007565.	4.7	32
12	Defining the layers of a sensory cilium with STORM and cryoelectron nanoscopy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23562-23572.	7.1	31
13	In situ architecture of the lipid transport protein VPS13C at ER–lysosome membrane contacts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	27
14	The flagellar motor protein FliL forms a scaffold of circumferentially positioned rings required for stator activation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	24
15	Cryo-electron tomography of periplasmic flagella in Borrelia burgdorferi reveals a distinct cytoplasmic ATPase complex. PLoS Biology, 2018, 16, e3000050.	5.6	21
16	Three-dimensional structure of the basketweave Z-band in midshipman fish sonic muscle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15534-15539.	7.1	19
17	FliL ring enhances the function of periplasmic flagella. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117245119.	7.1	19
18	Structural basis of bacterial flagellar motor rotation and switching. Trends in Microbiology, 2021, 29, 1024-1033.	7.7	10

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#	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