

Keiichi Namba

List of Publications by Year in descending order

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32
papers

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567281

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times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple electron transfer pathways of tungsten-containing formate dehydrogenase in direct electron transfer-type bioelectrocatalysis. <i>Chemical Communications</i> , 2022, 58, 6478-6481.	4.1	10
2	The FlgN chaperone activates the Na ⁺ -driven engine of the Salmonella flagellar protein export apparatus. <i>Communications Biology</i> , 2021, 4, 335.	4.4	13
3	Cryo-EM structure of a functional monomeric Photosystem I from <i>Thermosynechococcus elongatus</i> reveals red chlorophyll cluster. <i>Communications Biology</i> , 2021, 4, 304.	4.4	25
4	A positive charge region of Salmonella Flil is required for ATPase formation and efficient flagellar protein export. <i>Communications Biology</i> , 2021, 4, 464.	4.4	12
5	The structure of MgtE in the absence of magnesium provides new insights into channel gating. <i>PLoS Biology</i> , 2021, 19, e3001231.	5.6	8
6	Membrane voltage-dependent activation mechanism of the bacterial flagellar protein export apparatus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2026587118.	7.1	11
7	The FlhA linker mediates flagellar protein export switching during flagellar assembly. <i>Communications Biology</i> , 2021, 4, 646.	4.4	16
8	Recent Advances in the Bacterial Flagellar Motor Study. <i>Biomolecules</i> , 2021, 11, 741.	4.0	0
9	Structure of the molecular bushing of the bacterial flagellar motor. <i>Nature Communications</i> , 2021, 12, 4469.	12.8	33
10	Native flagellar MS ring is formed by 34 subunits with 23-fold and 11-fold subsymmetries. <i>Nature Communications</i> , 2021, 12, 4223.	12.8	34
11	Chained Structure of Dimeric F ₁ -like ATPase in <i>Mycoplasma mobile</i> Gliding Machinery. <i>MBio</i> , 2021, 12, e0141421.	4.1	15
12	Cryo-EM structure of the CENP-A nucleosome in complex with phosphorylated CENP-C. <i>EMBO Journal</i> , 2021, 40, e105671.	7.8	35
13	Structure of the bacterial flagellar hook cap provides insights into a hook assembly mechanism. <i>Communications Biology</i> , 2021, 4, 1291.	4.4	6
14	Cardiac muscle thin filament structures reveal calcium regulatory mechanism. <i>Nature Communications</i> , 2020, 11, 153.	12.8	145
15	Direct observation of speed fluctuations of flagellar motor rotation at extremely low load close to zero. <i>Molecular Microbiology</i> , 2020, 113, 755-765.	2.5	11
16	Immunodominant proteins P1 and P40/P90 from human pathogen <i>Mycoplasma pneumoniae</i> . <i>Nature Communications</i> , 2020, 11, 5188.	12.8	22
17	A proposed gear mechanism for torque generation in the flagellar motor. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1004-1006.	8.2	2
18	GFP Fusion to the N-Terminus of MotB Affects the Proton Channel Activity of the Bacterial Flagellar Motor in Salmonella. <i>Biomolecules</i> , 2020, 10, 1255.	4.0	3

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19	The flexible linker of the secreted Flk ruler is required for export switching of the flagellar protein export apparatus. <i>Scientific Reports</i> , 2020, 10, 838.	3.3	16
20	Structural and Functional Comparison of Salmonella Flagellar Filaments Composed of FljB and FljC. <i>Biomolecules</i> , 2020, 10, 246.	4.0	35
21	In Vitro Autonomous Construction of the Flagellar Axial Structure in Inverted Membrane Vesicles. <i>Biomolecules</i> , 2020, 10, 126.	4.0	9
22	Architecture of the Bacterial Flagellar Distal Rod and Hook of Salmonella. <i>Biomolecules</i> , 2019, 9, 260.	4.0	15
23	Structure of Salmonella Flagellar Hook Reveals Intermolecular Domain Interactions for the Universal Joint Function. <i>Biomolecules</i> , 2019, 9, 462.	4.0	16
24	Refined Mechanism of Mycoplasma mobile Gliding Based on Structure, ATPase Activity, and Sialic Acid Binding of Machinery. <i>MBio</i> , 2019, 10, .	4.1	17
25	Structure of the native supercoiled flagellar hook as a universal joint. <i>Nature Communications</i> , 2019, 10, 5295.	12.8	28
26	Insight into structural remodeling of the FlhA ring responsible for bacterial flagellar type III protein export. <i>Science Advances</i> , 2018, 4, eaao7054.	10.3	50
27	Novel insights into the mechanism of well-ordered assembly of bacterial flagellar proteins in Salmonella. <i>Scientific Reports</i> , 2018, 8, 1787.	3.3	36
28	Structure of actomyosin rigour complex at 5.2Å resolution and insights into the ATPase cycle mechanism. <i>Nature Communications</i> , 2017, 8, 13969.	12.8	70
29	Identical folds used for distinct mechanical functions of the bacterial flagellar rod and hook. <i>Nature Communications</i> , 2017, 8, 14276.	12.8	60
30	Na ⁺ -induced structural transition of MotPS for stator assembly of the <i>Bacillus</i> flagellar motor. <i>Science Advances</i> , 2017, 3, eaao4119.	10.3	44
31	Periodicity in Attachment Organelle Revealed by Electron Cryotomography Suggests Conformational Changes in Gliding Mechanism of <i>Mycoplasma pneumoniae</i> . <i>MBio</i> , 2016, 7, e00243-16.	4.1	25
32	Structural Study of MPN387, an Essential Protein for Gliding Motility of a Human-Pathogenic Bacterium, <i>Mycoplasma pneumoniae</i> . <i>Journal of Bacteriology</i> , 2016, 198, 2352-2359.	2.2	15