

Miki Kinoshita

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

834
citations

567281

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457
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight Into Distinct Functional Roles of the Flagellar ATPase Complex for Flagellar Assembly in Salmonella. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	11
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	Two Distinct Conformations in 34 FlIF Subunits Generate Three Different Symmetries within the Flagellar MS-Ring. <i>MBio</i> , 2021, 12, .	4.1	20
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	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
6	The FlhA linker mediates flagellar protein export switching during flagellar assembly. <i>Communications Biology</i> , 2021, 4, 646.	4.4	16
7	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
8	Multiple Roles of Flagellar Export Chaperones for Efficient and Robust Flagellar Filament Formation in Salmonella. <i>Frontiers in Microbiology</i> , 2021, 12, 756044.	3.5	11
9	FliK-Driven Conformational Rearrangements of FlhA and FlhB Are Required for Export Switching of the Flagellar Protein Export Apparatus. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	16
10	The flexible linker of the secreted FliK ruler is required for export switching of the flagellar protein export apparatus. <i>Scientific Reports</i> , 2020, 10, 838.	3.3	16
11	Molecular Organization and Assembly of the Export Apparatus of Flagellar Type III Secretion Systems. <i>Current Topics in Microbiology and Immunology</i> , 2019, 427, 91-107.	1.1	29
12	Structural Insights into the Substrate Specificity Switch Mechanism of the Type III Protein Export Apparatus. <i>Structure</i> , 2019, 27, 965-976.e6.	3.3	39
13	Mutational analysis of the C-terminal cytoplasmic domain of FlhB, a transmembrane component of the flagellar type III protein export apparatus in <i>Salmonella</i> . <i>Genes To Cells</i> , 2019, 24, 408-421.	1.2	11
14	Fuel of the Bacterial Flagellar Type III Protein Export Apparatus. <i>Methods in Molecular Biology</i> , 2017, 1593, 3-16.	0.9	19
15	The role of intrinsically disordered C-terminal region of FliK in substrate specificity switching of the bacterial flagellar type III export apparatus. <i>Molecular Microbiology</i> , 2017, 105, 572-588.	2.5	30
16	Assembly and stoichiometry of the core structure of the bacterial flagellar type III export gate complex. <i>PLoS Biology</i> , 2017, 15, e2002281.	5.6	69
17	Rearrangements of \pm -helical structures of FlgN chaperone control the binding affinity for its cognate substrates during flagellar type III export. <i>Molecular Microbiology</i> , 2016, 101, 656-670.	2.5	23
18	FlhH and Flil ensure efficient energy coupling of flagellar type III protein export in <i>Salmonella</i> . <i>MicrobiologyOpen</i> , 2016, 5, 424-435.	3.0	36

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19	Insight into the flagella type III export revealed by the complex structure of the type III ATPase and its regulator. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3633-3638.	7.1	57
20	The bacterial flagellar protein export apparatus processively transports flagellar proteins even with extremely infrequent ATP hydrolysis. Scientific Reports, 2014, 4, 7579.	3.3	70
21	Interactions of bacterial flagellar chaperoneâ€“substrate complexes with <scp>FlhA</scp> contribute to coâ€ordinating assembly of the flagellar filament. Molecular Microbiology, 2013, 90, 1249-1261.	2.5	86
22	Interaction between Flil ATPase and a flagellar chaperone FliT during bacterial flagellar protein export. Molecular Microbiology, 2012, 83, 168-178.	2.5	50
23	Interaction of a bacterial flagellar chaperone FlgN with FlhA is required for efficient export of its cognate substrates. Molecular Microbiology, 2012, 83, 775-788.	2.5	76
24	Structural insight into the regulatory mechanisms of interactions of the flagellar type III chaperone FliT with its binding partners. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8812-8817.	7.1	73