

Nikolaus Goessweiner-Mohr

List of Publications by Year in descending order

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times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugative type IV secretion systems in Gram-positive bacteria. <i>Plasmid</i> , 2013, 70, 289-302.	1.4	88
2	Conjugation in Gram-Positive Bacteria. <i>Microbiology Spectrum</i> , 2014, 2, PLAS-0004-2013.	3.0	75
3	TraG Encoded by the pIP501 Type IV Secretion System Is a Two-Domain Peptidoglycan-Degrading Enzyme Essential for Conjugative Transfer. <i>Journal of Bacteriology</i> , 2013, 195, 4436-4444.	2.2	51
4	The 2.5 Å... Structure of the Enterococcus Conjugation Protein TraM resembles VirB8 Type IV Secretion Proteins. <i>Journal of Biological Chemistry</i> , 2013, 288, 2018-2028.	3.4	50
5	Substrate-engaged type III secretion system structures reveal gating mechanism for unfolded protein translocation. <i>Nature Communications</i> , 2021, 12, 1546.	12.8	37
6	VirB8-like protein TraH is crucial for DNA transfer in <i>Enterococcus faecalis</i> . <i>Scientific Reports</i> , 2016, 6, 24643.	3.3	23
7	Cryo-EM structure of pleconaril-resistant rhinovirus-B5 complexed to the antiviral OBR-5-340 reveals unexpected binding site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19109-19115.	7.1	22
8	The energetic barrier to single-file water flow through narrow channels. <i>Biophysical Reviews</i> , 2021, 13, 913-923.	3.2	18
9	DNA-Binding Proteins Regulating pIP501 Transfer and Replication. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 42.	3.5	16
10	Structure of the double-stranded DNA-binding type IV secretion protein TraN from <i>Enterococcus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2376-2389.	2.5	11
11	TraN: A novel repressor of an <i>Enterococcus</i> conjugative type IV secretion system. <i>Nucleic Acids Research</i> , 2018, 46, 9201-9219.	14.5	11
12	The type IV secretion protein TraK from the <i>Enterococcus</i> conjugative plasmid pIP501 exhibits a novel fold. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1124-1135.	2.5	9
13	The Hidden Intricacies of Aquaporins: Remarkable Details in a Common Structural Scaffold. <i>Small</i> , 2022, 18, .	10.0	8
14	The Structure of the Type III Secretion System Needle Complex. <i>Current Topics in Microbiology and Immunology</i> , 2019, 427, 67-90.	1.1	7
15	Crystallization and first data collection of the putative transfer protein TraN from the Gram-positive conjugative plasmid pIP501. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1402-1405.	0.7	6
16	Crystallization and preliminary structure determination of the transfer protein TraM from the Gram-positive conjugative plasmid pIP501. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 178-183.	0.7	6
17	Conjugation in Gram-Positive Bacteria. , 0, , 237-256.		0