

Marie-stphanie Aschtgen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

1,210
citations

15
h-index

27
g-index

27
ext. papers

1,573
ext. citations

8.1
avg, IF

4.12
L-index

#	Paper	IF	Citations
24	Biogenesis and structure of a type VI secretion membrane core complex. <i>Nature</i> , 2015 , 523, 555-60	50.4	175
23	SciN is an outer membrane lipoprotein required for type VI secretion in enteroaggregative <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 7523-31	3.5	175
22	Architecture and assembly of the Type VI secretion system. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1664-73	4.9	150
21	The SciZ protein anchors the enteroaggregative <i>Escherichia coli</i> Type VI secretion system to the cell wall. <i>Molecular Microbiology</i> , 2010 , 75, 886-99	4.1	121
20	Towards a structural comprehension of bacterial type VI secretion systems: characterization of the TssJ-TssM complex of an <i>Escherichia coli</i> pathovar. <i>PLoS Pathogens</i> , 2011 , 7, e1002386	7.6	99
19	A phospholipase A1 antibacterial Type VI secretion effector interacts directly with the C-terminal domain of the VgrG spike protein for delivery. <i>Molecular Microbiology</i> , 2016 , 99, 1099-118	4.1	94
18	Structural characterization and oligomerization of the TssL protein, a component shared by bacterial type VI and type IVb secretion systems. <i>Journal of Biological Chemistry</i> , 2012 , 287, 14157-68	5.4	69
17	The C-tail anchored TssL subunit, an essential protein of the enteroaggregative <i>Escherichia coli</i> Sci-1 Type VI secretion system, is inserted by YidC. <i>MicrobiologyOpen</i> , 2012 , 1, 71-82	3.4	68
16	Anchoring the type VI secretion system to the peptidoglycan: TssL, TagL, TagP... what else?. <i>Virulence</i> , 2010 , 1, 535-40	4.7	61
15	Rotation of <i>Vibrio fischeri</i> Flagella Produces Outer Membrane Vesicles That Induce Host Development. <i>Journal of Bacteriology</i> , 2016 , 198, 2156-65	3.5	45
14	<i>Vibrio fischeri</i> -derived outer membrane vesicles trigger host development. <i>Cellular Microbiology</i> , 2016 , 18, 488-99	3.9	37
13	Molecular Dissection of the Interface between the Type VI Secretion TssM Cytoplasmic Domain and the TssG Baseplate Component. <i>Journal of Molecular Biology</i> , 2016 , 428, 4424-4437	6.5	31
12	Structure of the competence pilus major pilin ComGC in. <i>Journal of Biological Chemistry</i> , 2017 , 292, 14134-14146	3.4	14
11	Factor H binding proteins protect division septa on encapsulated <i>Streptococcus pneumoniae</i> against complement C3b deposition and amplification. <i>Nature Communications</i> , 2018 , 9, 3398	17.4	15
10	Insights into flagellar function and mechanism from the squid-vibrio symbiosis. <i>Npj Biofilms and Microbiomes</i> , 2019 , 5, 32	8.2	15
9	Mannose receptor-derived peptides neutralize pore-forming toxins and reduce inflammation and development of pneumococcal disease. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12695	12	9
8	Gram-Positive Type IV Pili and Competence. <i>Microbiology Spectrum</i> , 2019 , 7,	8.9	5

7	Tracking the cargo of extracellular symbionts into host tissues with correlated electron microscopy and nanoscale secondary ion mass spectrometry imaging. <i>Cellular Microbiology</i> , 2020 , 22, e13177	3.9	5
6	Biofilm interfacial acidity evaluation by pH-Responsive luminescent nanoparticle films. <i>Biosensors and Bioelectronics</i> , 2021 , 171, 112732	11.8	5
5	Role and Recruitment of the TagL Peptidoglycan-Binding Protein during Type VI Secretion System Biogenesis. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	3
4	Sex Steroids Induce Membrane Stress Responses and Virulence Properties in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2020 , 11,	7.8	3
3	IgA1-specific serine protease exhibits novel cleavage activity against IgG3. <i>Virulence</i> , 2021 , 12, 389-403	4.7	3
2	Gram-Positive Type IV Pili and Competence 2019 , 129-135		
1	The Role of Minor Pilins in Assembly and Function of the Competence Pilus of .. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 808601	5.9	