

# Marie-stphanie Aschtgen

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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	Biofilm interfacial acidity evaluation by pH-Responsive luminescent nanoparticle films. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 171, 112732	11.8	5
23	IgA1-specific serine protease exhibits novel cleavage activity against IgG3. <i>Virulence</i> , <b>2021</b> , 12, 389-403	4.7	3
22	The Role of Minor Pilins in Assembly and Function of the Competence Pilus of .. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 808601	5.9	
21	Tracking the cargo of extracellular symbionts into host tissues with correlated electron microscopy and nanoscale secondary ion mass spectrometry imaging. <i>Cellular Microbiology</i> , <b>2020</b> , 22, e13177	3.9	5
20	Mannose receptor-derived peptides neutralize pore-forming toxins and reduce inflammation and development of pneumococcal disease. <i>EMBO Molecular Medicine</i> , <b>2020</b> , 12, e12695	12	9
19	Sex Steroids Induce Membrane Stress Responses and Virulence Properties in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , <b>2020</b> , 11,	7.8	3
18	Role and Recruitment of the TagL Peptidoglycan-Binding Protein during Type VI Secretion System Biogenesis. <i>Journal of Bacteriology</i> , <b>2019</b> , 201,	3.5	3
17	Gram-Positive Type IV Pili and Competence. <i>Microbiology Spectrum</i> , <b>2019</b> , 7,	8.9	5
16	Insights into flagellar function and mechanism from the squid-vibrio symbiosis. <i>Npj Biofilms and Microbiomes</i> , <b>2019</b> , 5, 32	8.2	15
15	Gram-Positive Type IV Pili and Competence <b>2019</b> , 129-135		
14	Factor H binding proteins protect division septa on encapsulated <i>Streptococcus pneumoniae</i> against complement C3b deposition and amplification. <i>Nature Communications</i> , <b>2018</b> , 9, 3398	17.4	15
13	Structure of the competence pilus major pilin ComGC in. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 14134-14146	5.1	14
12	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> , <b>2016</b> , 99, 1099-118	4.1	94
11	Rotation of <i>Vibrio fischeri</i> Flagella Produces Outer Membrane Vesicles That Induce Host Development. <i>Journal of Bacteriology</i> , <b>2016</b> , 198, 2156-65	3.5	45
10	<i>Vibrio fischeri</i> -derived outer membrane vesicles trigger host development. <i>Cellular Microbiology</i> , <b>2016</b> , 18, 488-99	3.9	37
9	Molecular Dissection of the Interface between the Type VI Secretion TssM Cytoplasmic Domain and the TssG Baseplate Component. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 4424-4437	6.5	31
8	Biogenesis and structure of a type VI secretion membrane core complex. <i>Nature</i> , <b>2015</b> , 523, 555-60	50.4	175

7	Architecture and assembly of the Type VI secretion system. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 1664-73	4.9	150
6	The C-tail anchored TssL subunit, an essential protein of the enteroaggregative Escherichia coli Sci-1 Type VI secretion system, is inserted by YidC. <i>MicrobiologyOpen</i> , <b>2012</b> , 1, 71-82	3.4	68
5	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> , <b>2012</b> , 287, 14157-68	5.4	69
4	Towards a structural comprehension of bacterial type VI secretion systems: characterization of the TssJ-TssM complex of an Escherichia coli pathovar. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002386	7.6	99
3	The SciZ protein anchors the enteroaggregative Escherichia coli Type VI secretion system to the cell wall. <i>Molecular Microbiology</i> , <b>2010</b> , 75, 886-99	4.1	121
2	Anchoring the type VI secretion system to the peptidoglycan: TssL, TagL, TagP... what else?. <i>Virulence</i> , <b>2010</b> , 1, 535-40	4.7	61
1	SciN is an outer membrane lipoprotein required for type VI secretion in enteroaggregative Escherichia coli. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 7523-31	3.5	175