

Adrien Ducret

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,000
citations

331670

21
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

4073
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in our understanding of peptidoglycan assembly in Firmicutes. <i>Current Opinion in Microbiology</i> , 2021, 60, 44-50.	5.1	14
2	A CozE Homolog Contributes to Cell Size Homeostasis of <i>Streptococcus pneumoniae</i> . <i>MBio</i> , 2020, 11, .	4.1	12
3	RocS drives chromosome segregation and nucleoid protection in <i>Streptococcus pneumoniae</i> . <i>Nature Microbiology</i> , 2019, 4, 1661-1670.	13.3	27
4	Restricted Localization of Photosynthetic Intracytoplasmic Membranes (ICMs) in Multiple Genera of Purple Nonsulfur Bacteria. <i>MBio</i> , 2018, 9, .	4.1	18
5	Bacterial adhesion at the single-cell level. <i>Nature Reviews Microbiology</i> , 2018, 16, 616-627.	28.6	380
6	Bacterial physiology: Wrapping the cell in a CozE shell. <i>Nature Microbiology</i> , 2017, 2, 16262.	13.3	6
7	Obstruction of pilus retraction stimulates bacterial surface sensing. <i>Science</i> , 2017, 358, 535-538.	12.6	231
8	Fluorescent D-amino-acids reveal bi-cellular cell wall modifications important for <i>Bdellovibrio bacteriovorus</i> predation. <i>Nature Microbiology</i> , 2017, 2, 1648-1657.	13.3	103
9	The mechanism of force transmission at bacterial focal adhesion complexes. <i>Nature</i> , 2016, 539, 530-535.	27.8	120
10	MicrobeJ, a tool for high throughput bacterial cell detection and quantitative analysis. <i>Nature Microbiology</i> , 2016, 1, 16077.	13.3	761
11	Adhesins Involved in Attachment to Abiotic Surfaces by Gram-Negative Bacteria. <i>Microbiology Spectrum</i> , 2015, 3, .	3.0	229
12	Single-Cell Analysis of Growth and Cell Division of the Anaerobe <i>Desulfovibrio vulgaris</i> Hildenborough. <i>Frontiers in Microbiology</i> , 2015, 6, 1378.	3.5	30
13	The small G-protein MglA connects to the MreB actin cytoskeleton at bacterial focal adhesions. <i>Journal of Cell Biology</i> , 2015, 210, 243-256.	5.2	56
14	Sequential evolution of bacterial morphology by co-option of a developmental regulator. <i>Nature</i> , 2014, 506, 489-493.	27.8	65
15	A Versatile Class of Cell Surface Directional Motors Gives Rise to Gliding Motility and Sporulation in <i>Myxococcus xanthus</i> . <i>PLoS Biology</i> , 2013, 11, e1001728.	5.6	41
16	Single-cell analysis of cell viability after a biocide treatment unveils an absence of positive correlation between two commonly used viability markers. <i>MicrobiologyOpen</i> , 2013, 2, 123-129.	3.0	1
17	Direct live imaging of cell-cell protein transfer by transient outer membrane fusion in <i>Myxococcus xanthus</i> . <i>ELife</i> , 2013, 2, e00868.	6.0	75
18	Adaptation and Preadaptation of <i>Salmonella enterica</i> to Bile. <i>PLoS Genetics</i> , 2012, 8, e1002459.	3.5	118

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19	Wet-surface-enhanced ellipsometric contrast microscopy identifies slime as a major adhesion factor during bacterial surface motility. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10036-10041.	7.1	73
20	From individual cell motility to collective behaviors: insights from a prokaryote, <i>Myxococcus xanthus</i> . FEMS Microbiology Reviews, 2012, 36, 149-164.	8.6	112
21	Glitter-Like Iridescence within the Bacteroidetes Especially Cellulophaga spp.: Optical Properties and Correlation with Gliding Motility. PLoS ONE, 2012, 7, e52900.	2.5	20
22	Emergence and Modular Evolution of a Novel Motility Machinery in Bacteria. PLoS Genetics, 2011, 7, e1002268.	3.5	77
23	CO ₂ exacerbates oxygen toxicity. EMBO Reports, 2011, 12, 321-326.	4.5	30
24	Bacterial motility complexes require the actin-like protein, MreB and the Ras homologue, MglA. EMBO Journal, 2010, 29, 315-326.	7.8	120
25	A Bacterial Ras-Like Small GTP-Binding Protein and Its Cognate GAP Establish a Dynamic Spatial Polarity Axis to Control Directed Motility. PLoS Biology, 2010, 8, e1000430.	5.6	85
26	A Microscope Automated Fluidic System to Study Bacterial Processes in Real Time. PLoS ONE, 2009, 4, e7282.	2.5	46
27	Rules Governing Selective Protein Carbonylation. PLoS ONE, 2009, 4, e7269.	2.5	123
28	Adhesins Involved in Attachment to Abiotic Surfaces by Gram-Negative Bacteria. , 0, , 163-199.		27