

Marc Bramkamp

List of Publications by Year in descending order

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56
papers

2,168
citations

257450

24
h-index

254184

43
g-index

72
all docs

72
docs citations

72
times ranked

1963
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the Existence of Lipid Rafts in Bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2015, 79, 81-100.	6.6	173
2	A novel component of the division site selection system of <i>Bacillus subtilis</i> and a new mode of action for the division inhibitor MinCD. <i>Molecular Microbiology</i> , 2008, 70, 1556-1569.	2.5	157
3	Flotillins functionally organize the bacterial membrane. <i>Molecular Microbiology</i> , 2013, 88, 1205-1217.	2.5	122
4	Characterization and subcellular localization of a bacterial flotillin homologue. <i>Microbiology (United Kingdom)</i> , 2009, 155, 1786-1799.	1.8	92
5	Division site selection in rod-shaped bacteria. <i>Current Opinion in Microbiology</i> , 2009, 12, 683-688.	5.1	86
6	Subcellular Localization and Characterization of the ParAB System from <i>Corynebacterium glutamicum</i> . <i>Journal of Bacteriology</i> , 2010, 192, 3441-3451.	2.2	86
7	Interlinked Sister Chromosomes Arise in the Absence of Condensin during Fast Replication in <i>B. Subtilis</i> . <i>Current Biology</i> , 2014, 24, 293-298.	3.9	80
8	A synthetic <i>Escherichia coli</i> system identifies a conserved origin tethering factor in Actinobacteria. <i>Molecular Microbiology</i> , 2012, 84, 105-116.	2.5	75
9	A bacterial dynamin-like protein mediating nucleotide-independent membrane fusion. <i>Molecular Microbiology</i> , 2011, 79, 1294-1304.	2.5	68
10	Regulated intramembrane proteolysis of FtsL protein and the control of cell division in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 2006, 62, 580-591.	2.5	64
11	Chromosome organization by a conserved condensin-ParB system in the actinobacterium <i>Corynebacterium glutamicum</i> . <i>Nature Communications</i> , 2020, 11, 1485.	12.8	64
12	Cell division in Corynebacterineae. <i>Frontiers in Microbiology</i> , 2014, 5, 132.	3.5	61
13	The lipid flippase RodA determines morphology and growth in <i>Corynebacterium glutamicum</i> . <i>Molecular Microbiology</i> , 2013, 90, 966-982.	2.5	60
14	The MinCDJ System in <i>Bacillus subtilis</i> Prevents Minicell Formation by Promoting Divisome Disassembly. <i>PLoS ONE</i> , 2010, 5, e9850.	2.5	59
15	Structure and function of bacterial dynamin-like proteins. <i>Biological Chemistry</i> , 2012, 393, 1203-1214.	2.5	58
16	MamY is a membrane-bound protein that aligns magnetosomes and the motility axis of helical magnetotactic bacteria. <i>Nature Microbiology</i> , 2019, 4, 1978-1989.	13.3	58
17	Population Heterogeneity in <i>Corynebacterium glutamicum</i> ATCC 13032 Caused by Prophage CGP3. <i>Journal of Bacteriology</i> , 2008, 190, 5111-5119.	2.2	54
18	Flotillin-mediated membrane fluidity controls peptidoglycan synthesis and MreB movement. <i>ELife</i> , 2020, 9, .	6.0	52

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19	Segregation of prokaryotic magnetosomes organelles is driven by treadmilling of a dynamic actin-like MamK filament. <i>BMC Biology</i> , 2016, 14, 88.	3.8	48
20	Protein-Protein Interaction Domains of <i>Bacillus subtilis</i> DivIVA. <i>Journal of Bacteriology</i> , 2013, 195, 1012-1021.	2.2	44
21	A dynamin-like protein involved in bacterial cell membrane surveillance under environmental stress. <i>Environmental Microbiology</i> , 2016, 18, 2705-2720.	3.8	40
22	The CTPase activity of ParB determines the size and dynamics of prokaryotic DNA partition complexes. <i>Molecular Cell</i> , 2021, 81, 3992-4007.e10.	9.7	37
23	Chromosome Segregation Impacts on Cell Growth and Division Site Selection in <i>Corynebacterium glutamicum</i> . <i>PLoS ONE</i> , 2013, 8, e55078.	2.5	34
24	A prophage-encoded actin-like protein required for efficient viral DNA replication in bacteria. <i>Nucleic Acids Research</i> , 2015, 43, 5002-5016.	14.5	31
25	Impact of LytR-CpsA-Psr Proteins on Cell Wall Biosynthesis in <i>Corynebacterium glutamicum</i> . <i>Journal of Bacteriology</i> , 2016, 198, 3045-3059.	2.2	30
26	Interaction sites of DivIVA and RodA from <i>Corynebacterium glutamicum</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 738.	3.5	28
27	CTP-controlled liquid-liquid phase separation of ParB. <i>Journal of Molecular Biology</i> , 2022, 434, 167401.	4.2	28
28	The Antituberculosis Drug Ethambutol Selectively Blocks Apical Growth in CMN Group Bacteria. <i>MBio</i> , 2017, 8, .	4.1	27
29	FtsZ induces membrane deformations via torsional stress upon GTP hydrolysis. <i>Nature Communications</i> , 2021, 12, 3310.	12.8	27
30	Imaging DivIVA dynamics using photo-convertible and activatable fluorophores in <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 59.	3.5	26
31	DivIC Stabilizes FtsL against RasP Cleavage. <i>Journal of Bacteriology</i> , 2010, 192, 5260-5263.	2.2	23
32	Dissecting the Molecular Properties of Prokaryotic Flotillins. <i>PLoS ONE</i> , 2015, 10, e0116750.	2.5	23
33	RNA-mediated control of cell shape modulates antibiotic resistance in <i>Vibrio cholerae</i> . <i>Nature Communications</i> , 2020, 11, 6067.	12.8	22
34	Novel Chromosome Organization Pattern in <i>Actinomycetales</i> – Overlapping Replication Cycles Combined with Diploidy. <i>MBio</i> , 2017, 8, .	4.1	21
35	A Bacterial Dynamin-Like Protein Confers a Novel Phage Resistance Strategy on the Population Level in <i>Bacillus subtilis</i> . <i>MBio</i> , 2022, 13, e0375321.	4.1	19
36	Bacterial dynamin-like protein DynA mediates lipid and content mixing. <i>FASEB Journal</i> , 2019, 33, 11746-11757.	0.5	18

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37	The Polar Organizing Protein PopZ Is Fundamental for Proper Cell Division and Segregation of Cellular Content in <i>Magnetospirillum gryphiswaldense</i> . <i>MBio</i> , 2019, 10, .	4.1	16
38	A bacterial cytolinker couples positioning of magnetic organelles to cell shape control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32086-32097.	7.1	16
39	Sample Preparation and Choice of Fluorophores for Single and Dual Color Photo-Activated Localization Microscopy (PALM) with Bacterial Cells. <i>Methods in Molecular Biology</i> , 2017, 1563, 129-141.	0.9	14
40	Optimization of sample preparation and green color imaging using the mNeonGreen fluorescent protein in bacterial cells for photoactivated localization microscopy. <i>Scientific Reports</i> , 2018, 8, 10137.	3.3	13
41	A gradient-forming MipZ protein mediating the control of cell division in the magnetotactic bacterium <i>Magnetospirillum gryphiswaldense</i> . <i>Molecular Microbiology</i> , 2019, 112, 1423-1439.	2.5	12
42	Dynamics of the <i>Bacillus subtilis</i> Min System. <i>MBio</i> , 2021, 12, .	4.1	12
43	Subcellular Dynamics of a Conserved Bacterial Polar Scaffold Protein. <i>Genes</i> , 2022, 13, 278.	2.4	12
44	Identification of interaction partners of the dynamin-like protein DynA from <i>Bacillus subtilis</i> . <i>Communicative and Integrative Biology</i> , 2012, 5, 362-369.	1.4	9
45	Following the equator: division site selection in <i>Streptococcus pneumoniae</i> . <i>Trends in Microbiology</i> , 2015, 23, 121-122.	7.7	9
46	Substrate-dependent cluster density dynamics of <i>Corynebacterium glutamicum</i> phosphotransferase system permeases. <i>Molecular Microbiology</i> , 2019, 111, 1335-1354.	2.5	8
47	Single-cell growth inference of <i>Corynebacterium glutamicum</i> reveals asymptotically linear growth. <i>ELife</i> , 2021, 10, .	6.0	7
48	An Stomatin, Prohibitin, Flotillin, and Hfk/C-Domain Protein Required to Link the Phage-Shock Protein to the Membrane in <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 754924.	3.5	7
49	Bacterial dynamin-like proteins reveal mechanism for membrane fusion. <i>Nature Communications</i> , 2018, 9, 3993.	12.8	5
50	Fluidity is the way to life: lipid phase separation in bacterial membranes. <i>EMBO Journal</i> , 2022, 41, e110737.	7.8	5
51	The putative <i>Bacillus subtilis</i> λ ,d-transpeptidase YciB is a lipoprotein that localizes to the cell poles in a divisome-dependent manner. <i>Archives of Microbiology</i> , 2010, 192, 57-68.	2.2	4
52	Elongation factor P is required for EII Glc translation in <i>Corynebacterium glutamicum</i> due to an essential polyproline motif. <i>Molecular Microbiology</i> , 2021, 115, 320-331.	2.5	4
53	Evolution of dynamin: Modular design of a membrane remodeling machine (retrospective on DOI) T_j ETQq1 1 0.784314 rgBT ₂ Overlock 2.5	2.5	2
54	Genus-Specific Interactions of Bacterial Chromosome Segregation Machinery Are Critical for Their Function. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	2

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55	Polymerization Dynamics of the Prophage-Encoded Actin-Like Protein AlpC Is Influenced by the DNA-Binding Adapter AlpA. <i>Frontiers in Microbiology</i> , 2017, 8, 1429.	3.5	1
56	Chromosome Organization and Cell Growth of <i>Corynebacterium glutamicum</i> . <i>Microbiology Monographs</i> , 2020, , 3-24.	0.6	0