

Jakob MÃ¸ller-Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,186
citations

201575

27
h-index

175177

52
g-index

53
all docs

53
docs citations

53
times ranked

3083
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmid and chromosome partitioning: surprises from phylogeny. <i>Molecular Microbiology</i> , 2002, 37, 455-466.	1.2	394
2	Dysfunctional MreB inhibits chromosome segregation in <i>Escherichia coli</i> . <i>EMBO Journal</i> , 2003, 22, 5283-5292.	3.5	249
3	Prokaryotic DNA segregation by an actin-like filament. <i>EMBO Journal</i> , 2002, 21, 3119-3127.	3.5	235
4	F-actin-like filaments formed by plasmid segregation protein ParM. <i>EMBO Journal</i> , 2002, 21, 6935-6943.	3.5	229
5	Bacterial Mitosis. <i>Molecular Cell</i> , 2003, 12, 1477-1487.	4.5	192
6	Switching off small RNA regulation with trapâ€mRNA. <i>Molecular Microbiology</i> , 2009, 73, 790-800.	1.2	126
7	Small regulatory RNAs control the multiâ€cellular adhesive lifestyle of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2012, 84, 36-50.	1.2	115
8	Bacterial Mitotic Machineries. <i>Cell</i> , 2004, 116, 359-366.	13.5	113
9	Novel coiledâ€coil cell division factor ZapB stimulates Z ring assembly and cell division. <i>Molecular Microbiology</i> , 2008, 68, 720-735.	1.2	113
10	Regular cellular distribution of plasmids by oscillating and filament-forming ParA ATPase of plasmid pB171. <i>Molecular Microbiology</i> , 2006, 61, 1428-1442.	1.2	108
11	Translational Regulation of Gene Expression by an Anaerobically Induced Small Non-coding RNA in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 10690-10702.	1.6	99
12	Increasing complexity of the bacterial cytoskeleton. <i>Current Opinion in Cell Biology</i> , 2005, 17, 75-81.	2.6	89
13	<i>Escherichia coli</i> Uropathogenesis <i>In Vitro</i> : Invasion, Cellular Escape, and Secondary Infection Analyzed in a Human Bladder Cell Infection Model. <i>Infection and Immunity</i> , 2012, 80, 1858-1867.	1.0	83
14	Plasmid and chromosome segregation in prokaryotes. <i>Trends in Microbiology</i> , 2000, 8, 313-320.	3.5	75
15	Structural analysis of the ParR/parC plasmid partition complex. <i>EMBO Journal</i> , 2007, 26, 4413-4422.	3.5	71
16	Towards understanding the molecular basis of bacterial DNA segregation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 523-535.	1.8	66
17	DamX Controls Reversible Cell Morphology Switching in Uropathogenic <i>Escherichia coli</i> . <i>MBio</i> , 2016, 7, .	1.8	55
18	C-Terminally Truncated Derivatives of <i>Escherichia coli</i> Hfq Are Proficient in Riboregulation. <i>Journal of Molecular Biology</i> , 2010, 404, 173-182.	2.0	53

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19	Silver nanoparticle-induced expression of proteins related to oxidative stress and neurodegeneration in an <i>in vitro</i> human blood-brain barrier model. <i>Nanotoxicology</i> , 2019, 13, 221-239.	1.6	51
20	Quantitative proteomics by amino acid labeling in <i>C. elegans</i> . <i>Nature Methods</i> , 2011, 8, 845-847.	9.0	50
21	Uropathogenic <i>Escherichia coli</i> Express Type 1 Fimbriae Only in Surface Adherent Populations Under Physiological Growth Conditions. <i>Journal of Infectious Diseases</i> , 2016, 213, 386-394.	1.9	49
22	Quantitative proteomics identifies ferritin in the innate immune response of <i>C. elegans</i> . <i>Virulence</i> , 2011, 2, 120-130.	1.8	47
23	A Role for the RNA Chaperone Hfq in Controlling Adherent-Invasive <i>Escherichia coli</i> Colonization and Virulence. <i>PLoS ONE</i> , 2011, 6, e16387.	1.1	47
24	Treatment with Cefotaxime Affects Expression of Conjugation Associated Proteins and Conjugation Transfer Frequency of an Inc11 Plasmid in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2365.	1.5	45
25	LeoA, B and C from Enterotoxigenic <i>Escherichia coli</i> (ETEC) Are Bacterial Dynamins. <i>PLoS ONE</i> , 2014, 9, e107211.	1.1	42
26	Impact of Chromosomal Architecture on the Function and Evolution of Bacterial Genomes. <i>Frontiers in Microbiology</i> , 2018, 9, 2019.	1.5	34
27	Temporal Translational Control by a Metastable RNA Structure. <i>Journal of Biological Chemistry</i> , 2001, 276, 35707-35713.	1.6	32
28	sRNA-dependent control of curli biosynthesis in <i>Escherichia coli</i> : McaS directs endonucleolytic cleavage of <i>csgD</i> mRNA. <i>Nucleic Acids Research</i> , 2018, 46, 6746-6760.	6.5	31
29	SPARC Interacts with Actin in Skeletal Muscle <i>in Vitro</i> and <i>in Vivo</i> . <i>American Journal of Pathology</i> , 2017, 187, 457-474.	1.9	29
30	Nanodisc-based Co-immunoprecipitation for Mass Spectrometric Identification of Membrane-interacting Proteins. <i>Molecular and Cellular Proteomics</i> , 2011, 10, O110.006775.	2.5	26
31	Recurrent Urinary Tract Infections: Unraveling the Complicated Environment of Uncomplicated rUTIs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 562525.	1.8	25
32	sRNA-Mediated Regulation of P-Fimbriae Phase Variation in Uropathogenic <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2015, 11, e1005109.	2.1	24
33	Quantification of filamentation by uropathogenic <i>Escherichia coli</i> during experimental bladder cell infection by using semi-automated image analysis. <i>Journal of Microbiological Methods</i> , 2015, 109, 110-116.	0.7	24
34	A novel mass spectrometric strategy <i>BEMAP</i> reveals Extensive O-linked protein glycosylation in Enterotoxigenic <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2016, 6, 32016.	1.6	21
35	A Method for Quantification of Epithelium Colonization Capacity by Pathogenic Bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 16.	1.8	21
36	SILAC-based comparative analysis of pathogenic <i>Escherichia coli</i> secretomes. <i>Journal of Microbiological Methods</i> , 2015, 116, 66-79.	0.7	15

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37	Escherichia coli type-1 fimbriae are critical to overcome initial bottlenecks of infection upon low-dose inoculation in a porcine model of cystitis. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	0.7	13
38	HldE Is Important for Virulence Phenotypes in Enterotoxigenic Escherichia coli. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 253.	1.8	12
39	Plasmid segregation: spatial awareness at the molecular level. <i>Journal of Cell Biology</i> , 2007, 179, 813-815.	2.3	10
40	Genome-wide analysis of fitness-factors in uropathogenic Escherichia coli during growth in laboratory media and during urinary tract infections. <i>Microbial Genomics</i> , 2021, 7, .	1.0	9
41	Infectious potential of human derived uropathogenic Escherichia coli UT189 in the reproductive tract of laying hens. <i>Veterinary Microbiology</i> , 2019, 239, 108445.	0.8	8
42	Omics Technologies - What Have They Told Us About Uropathogenic Escherichia coli Fitness and Virulence During Urinary Tract Infection?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 824039.	1.8	8
43	Polyamine depletion has global effects on stress and virulence gene expression and affects HilA translation in Salmonella enterica serovar typhimurium. <i>Research in Microbiology</i> , 2020, 171, 143-152.	1.0	7
44	Acute pyelonephritis: Increased plasma membrane targeting of renal aquaporin 2. <i>Acta Physiologica</i> , 2022, 234, e13760.	1.8	7
45	Fimbrial phase variation: stochastic or cooperative?. <i>Current Genetics</i> , 2016, 62, 237-241.	0.8	5
46	Detection and quantification of intracellular bacterial colonies by automated, high-throughput microscopy. <i>Journal of Microbiological Methods</i> , 2017, 139, 37-44.	0.7	5
47	DFI-seq identification of environment-specific gene expression in uropathogenic Escherichia coli. <i>BMC Microbiology</i> , 2017, 17, 99.	1.3	5
48	Elucidating the Influence of Chromosomal Architecture on Transcriptional Regulation in Prokaryotes – Observing Strong Local Effects of Nucleoid Structure on Gene Regulation. <i>Frontiers in Microbiology</i> , 2020, 11, 2002.	1.5	5
49	MICROBIOLOGY: Dynamic Instability of a Bacterial Engine. <i>Science</i> , 2004, 306, 987-989.	6.0	4
50	Draft Genome Sequence of Parabacteroides goldsteinii with Putative Novel Metallo-β-Lactamases Isolated from a Blood Culture from a Human Patient. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
51	Identification of Novel Protein Functions and Signaling Mechanisms by Genetics and Quantitative Phosphoproteomics in Caenorhabditis elegans. <i>Methods in Molecular Biology</i> , 2014, 1188, 107-124.	0.4	3
52	Proteomes of Uropathogenic Escherichia coli Growing in Human Urine and in J82 Urinary Bladder Cells. <i>Proteomes</i> , 2022, 10, 15.	1.7	3
53	Data for automated, high-throughput microscopy analysis of intracellular bacterial colonies using spot detection. <i>Data in Brief</i> , 2017, 14, 643-647.	0.5	0