

Rosa Laura Camarena

List of Publications by Year in Descending Order

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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.

42
papers

470
citations

13
h-index

19
g-index

47
ext. papers

562
ext. citations

3.4
avg, IF

2.94
L-index

#	Paper	IF	Citations
42	The periplasmic component of the DctPQM TRAP-transporter is part of the DctS/DctR sensory pathway in. <i>Microbiology (United Kingdom)</i> , 2021 , 167,	2.9	1
41	Modulation of the Enzymatic Activity of the Flagellar Lytic Transglycosylase SltF by Rod Components and the Scaffolding Protein FlgJ in. <i>Journal of Bacteriology</i> , 2021 , 203, e0037221	3.5	0
40	The CtrA Regulon of <i>Rhodobacter sphaeroides</i> Favors Adaptation to a Particular Lifestyle. <i>Journal of Bacteriology</i> , 2020 , 202,	3.5	2
39	Characterization of FlgP, an Essential Protein for Flagellar Assembly in. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	1
38	Establishment of a Protein Concentration Gradient in the Outer Membrane Requires Two Diffusion-Limiting Mechanisms. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	1
37	Biochemical and Phylogenetic Study of SltF, a Flagellar Lytic Transglycosylase from <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2018 , 200,	3.5	2
36	Architecture of divergent flagellar promoters controlled by CtrA in <i>Rhodobacter sphaeroides</i> . <i>BMC Microbiology</i> , 2018 , 18, 129	4.5	4
35	A New Essential Cell Division Protein in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	6
34	Purification of Fla2 Flagella of <i>Rhodobacter sphaeroides</i> . <i>Methods in Molecular Biology</i> , 2017 , 1593, 273-283	3.5	1
33	The Master Regulators of the Fla1 and Fla2 Flagella of <i>Rhodobacter sphaeroides</i> Control the Expression of Their Cognate CheY Proteins. <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	6
32	Biochemical Characterization of the Flagellar Rod Components of <i>Rhodobacter sphaeroides</i> : Properties and Interactions. <i>Journal of Bacteriology</i> , 2016 , 198, 544-52	3.5	7
31	Induction of the lateral flagellar system of <i>Vibrio shilonii</i> is an early event after inhibition of the sodium ion flux in the polar flagellum. <i>Canadian Journal of Microbiology</i> , 2015 , 61, 183-91	3.2	2
30	Structural Characterization of the Fla2 Flagellum of <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2015 , 197, 2859-66	3.5	7
29	The flagellar set Fla2 in <i>Rhodobacter sphaeroides</i> is controlled by the CckA pathway and is repressed by organic acids and the expression of Fla1. <i>Journal of Bacteriology</i> , 2015 , 197, 833-47	3.5	13
28	A distant homologue of the FlgT protein interacts with MotB and FliL and is essential for flagellar rotation in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2013 , 195, 5285-96	3.5	10
27	A novel component of the <i>Rhodobacter sphaeroides</i> Fla1 flagellum is essential for motor rotation. <i>Journal of Bacteriology</i> , 2012 , 194, 6174-83	3.5	4
26	Evolutionary origin of the <i>Rhodobacter sphaeroides</i> specialized RpoN sigma factors. <i>FEMS Microbiology Letters</i> , 2012 , 327, 93-102	2.9	5

25	The C terminus of the flagellar muramidase SltF modulates the interaction with FlgJ in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2012 , 194, 4513-20	3.5	9
24	In <i>Rhodobacter sphaeroides</i> , chemotactic operon 1 regulates rotation of the flagellar system 2. <i>Journal of Bacteriology</i> , 2011 , 193, 6781-6	3.5	7
23	Na(+)- and H(+)-dependent motility in the coral pathogen <i>Vibrio shilonii</i> . <i>FEMS Microbiology Letters</i> , 2010 , 312, 142-50	2.9	7
22	The flagellar protein FliL is essential for swimming in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2010 , 192, 6230-9	3.5	31
21	Functional analysis of a large non-conserved region of FlgK (HAP1) from <i>Rhodobacter sphaeroides</i> . <i>Antonie Van Leeuwenhoek</i> , 2009 , 95, 77-90	2.1	1
20	Role of single-strand DNA 3S5Sexonuclease Exol and nuclease SbcCD in stationary-phase mutation in <i>Escherichia coli</i> K-12. <i>Archives of Microbiology</i> , 2009 , 191, 185-90	3	2
19	The flagellar muramidase from the photosynthetic bacterium <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 7998-8004	3.5	17
18	Chemotactic control of the two flagellar systems of <i>Rhodobacter sphaeroides</i> is mediated by different sets of CheY and FliM proteins. <i>Journal of Bacteriology</i> , 2007 , 189, 8397-401	3.5	25
17	A complete set of flagellar genes acquired by horizontal transfer coexists with the endogenous flagellar system in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 3208-16	3.5	56
16	Transcriptional specificity of RpoN1 and RpoN2 involves differential recognition of the promoter sequences and specific interaction with the cognate activator proteins. <i>Journal of Biological Chemistry</i> , 2006 , 281, 27205-15	5.4	19
15	The flagellar hierarchy of <i>Rhodobacter sphaeroides</i> is controlled by the concerted action of two enhancer-binding proteins. <i>Molecular Microbiology</i> , 2005 , 58, 969-83	4.1	36
14	Biochemical study of multiple CheY response regulators of the chemotactic pathway of <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2004 , 186, 5172-7	3.5	25
13	Characterization of the flgG operon of <i>Rhodobacter sphaeroides</i> WS8 and its role in flagellum biosynthesis. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002 , 1579, 55-63		16
12	The four different sigma(54) factors of <i>Rhodobacter sphaeroides</i> are not functionally interchangeable. <i>Molecular Microbiology</i> , 2002 , 46, 75-85	4.1	35
11	The nitrogen assimilation control (Nac) protein represses asnC and asnA transcription in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2002 , 206, 151-6	2.9	12
10	The N terminus of FliM is essential to promote flagellar rotation in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2001 , 183, 3142-8	3.5	2
9	The hook gene (flgE) is expressed from the flgBCDEF operon in <i>Rhodobacter sphaeroides</i> : study of an flgE mutant. <i>Journal of Bacteriology</i> , 2001 , 183, 1680-7	3.5	17
8	sigma(54) Promoters control expression of genes encoding the hook and basal body complex in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2000 , 182, 5787-92	3.5	14

7	An IS4 insertion at the <i>glnA</i> control region of <i>Escherichia coli</i> creates a new promoter by providing the -35 region of its 3' end. <i>Plasmid</i> , 1998 , 39, 41-7	3.3	5
6	Transcriptional repression of <i>gdhA</i> in <i>Escherichia coli</i> is mediated by the Nac protein. <i>FEMS Microbiology Letters</i> , 1998 , 167, 51-6	2.9	19
5	The flagellar switch genes <i>fliM</i> and <i>fliN</i> of <i>Rhodobacter sphaeroides</i> are contained in a large flagellar gene cluster. <i>Journal of Bacteriology</i> , 1998 , 180, 3978-82	3.5	9
4	Structural and genetic analysis of a mutant of <i>Rhodobacter sphaeroides</i> WS8 deficient in hook length control. <i>Journal of Bacteriology</i> , 1997 , 179, 6581-8	3.5	13
3	Flagellar genes from <i>Rhodobacter sphaeroides</i> are homologous to genes of the <i>fliF</i> operon of <i>Salmonella typhimurium</i> and to the type-III secretion system. <i>Gene</i> , 1996 , 170, 69-72	3.8	8
2	Nitrogen regulation in an <i>Escherichia coli</i> strain with a temperature sensitive glutamyl-tRNA synthetase. <i>Molecular Genetics and Genomics</i> , 1993 , 239, 400-8		10
1	Transcriptional repression of <i>gdhA</i> in <i>Escherichia coli</i> is mediated by the Nac protein		2