

Rosa Laura Camarena

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7345608/rosa-laura-camarena-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
41	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
40	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
39	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
38	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
37	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
36	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
35	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
34	The flagellar muramidase from the photosynthetic bacterium <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 7998-8004	3.5	17
33	The hook gene (<i>flgE</i>) is expressed from the <i>flgBCDEF</i> operon in <i>Rhodobacter sphaeroides</i> : study of an <i>flgE</i> mutant. <i>Journal of Bacteriology</i> , 2001 , 183, 1680-7	3.5	17
32	Characterization of the <i>flgG</i> 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
31	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
30	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
29	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
28	The nitrogen assimilation control (Nac) protein represses <i>asnC</i> and <i>asnA</i> transcription in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2002 , 206, 151-6	2.9	12
27	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
26	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

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	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
23	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
22	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
21	Structural Characterization of the Fla2 Flagellum of <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2015 , 197, 2859-66	3.5	7
20	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
19	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
18	A New Essential Cell Division Protein in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	6
17	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
16	Evolutionary origin of the <i>Rhodobacter sphaeroides</i> specialized RpoN sigma factors. <i>FEMS Microbiology Letters</i> , 2012 , 327, 93-102	2.9	5
15	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'Send. <i>Plasmid</i> , 1998 , 39, 41-7	3.3	5
14	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
13	Architecture of divergent flagellar promoters controlled by CtrA in <i>Rhodobacter sphaeroides</i> . <i>BMC Microbiology</i> , 2018 , 18, 129	4.5	4
12	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
11	The CtrA Regulon of <i>Rhodobacter sphaeroides</i> Favors Adaptation to a Particular Lifestyle. <i>Journal of Bacteriology</i> , 2020 , 202,	3.5	2
10	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
9	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
8	The N terminus of <i>FliM</i> is essential to promote flagellar rotation in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , 2001 , 183, 3142-8	3.5	2

7	Transcriptional repression of <i>gdhA</i> in <i>Escherichia coli</i> is mediated by the Nac protein		2
6	Purification of Fla2 Flagella of <i>Rhodobacter sphaeroides</i> . <i>Methods in Molecular Biology</i> , 2017 , 1593, 273-283		1
5	Characterization of FlgP, an Essential Protein for Flagellar Assembly in. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	1
4	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
3	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
2	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
1	Modulation of the Enzymatic Activity of the Flagellar Lytic Transglycosylase SlfF by Rod Components and the Scaffolding Protein FlgJ in. <i>Journal of Bacteriology</i> , 2021 , 203, e0037221	3.5	0