

# Sebastian Poggio

## List of Publications by Citations

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31  
papers

719  
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33  
ext. papers

853  
ext. citations

4  
avg, IF

3.36  
L-index

#	Paper	IF	Citations
31	Molecular mechanisms of ethanol-induced pathogenesis revealed by RNA-sequencing. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000834	7.6	122
30	MreB drives de novo rod morphogenesis in <i>Caulobacter crescentus</i> via remodeling of the cell wall. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 1671-84	3.5	87
29	The reducible complexity of a mitochondrial molecular machine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 15791-5	11.5	57
28	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> , <b>2007</b> , 189, 3208-16	3.5	56
27	A modular BAM complex in the outer membrane of the alpha-proteobacterium <i>Caulobacter crescentus</i> . <i>PLoS ONE</i> , <b>2010</b> , 5, e8619	3.7	49
26	The evolution of new lipoprotein subunits of the bacterial outer membrane BAM complex. <i>Molecular Microbiology</i> , <b>2012</b> , 84, 832-44	4.1	46
25	A protein critical for cell constriction in the Gram-negative bacterium <i>Caulobacter crescentus</i> localizes at the division site through its peptidoglycan-binding LysM domains. <i>Molecular Microbiology</i> , <b>2010</b> , 77, 74-89	4.1	43
24	The flagellar hierarchy of <i>Rhodobacter sphaeroides</i> is controlled by the concerted action of two enhancer-binding proteins. <i>Molecular Microbiology</i> , <b>2005</b> , 58, 969-83	4.1	36
23	The four different sigma(54) factors of <i>Rhodobacter sphaeroides</i> are not functionally interchangeable. <i>Molecular Microbiology</i> , <b>2002</b> , 46, 75-85	4.1	35
22	The flagellar protein FliL is essential for swimming in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 6230-9	3.5	31
21	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> , <b>2007</b> , 189, 8397-401	3.5	25
20	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> , <b>2006</b> , 281, 27205-15	5.4	19
19	Growth medium-dependent glycine incorporation into the peptidoglycan of <i>Caulobacter crescentus</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e57579	3.7	18
18	sigma(54) Promoters control expression of genes encoding the hook and basal body complex in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , <b>2000</b> , 182, 5787-92	3.5	14
17	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> , <b>2015</b> , 197, 833-47	3.5	13
16	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> , <b>2013</b> , 195, 5285-96	3.5	10
15	The flagellar switch genes fliM and fliN of <i>Rhodobacter sphaeroides</i> are contained in a large flagellar gene cluster. <i>Journal of Bacteriology</i> , <b>1998</b> , 180, 3978-82	3.5	9

14	Isolation of detergent-resistant membranes (DRMs) from Escherichia coli. <i>Analytical Biochemistry</i> , <b>2017</b> , 518, 1-8	3.1	8
13	A New Essential Cell Division Protein in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , <b>2017</b> , 199,	3.5	6
12	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> , <b>2017</b> , 199,	3.5	6
11	Evolutionary origin of the <i>Rhodobacter sphaeroides</i> specialized RpoN sigma factors. <i>FEMS Microbiology Letters</i> , <b>2012</b> , 327, 93-102	2.9	5
10	A novel component of the <i>Rhodobacter sphaeroides</i> Fla1 flagellum is essential for motor rotation. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6174-83	3.5	4
9	Architecture of divergent flagellar promoters controlled by CtrA in <i>Rhodobacter sphaeroides</i> . <i>BMC Microbiology</i> , <b>2018</b> , 18, 129	4.5	4
8	Localization of the outer membrane protein OmpA2 in <i>Caulobacter crescentus</i> depends on the position of the gene in the chromosome. <i>Journal of Bacteriology</i> , <b>2014</b> , 196, 2889-900	3.5	3
7	Five structural genes required for ceramide synthesis in <i>Caulobacter</i> and for bacterial survival. <i>Environmental Microbiology</i> , <b>2021</b> , 23, 143-159	5.2	3
6	The CtrA Regulon of <i>Rhodobacter sphaeroides</i> Favors Adaptation to a Particular Lifestyle. <i>Journal of Bacteriology</i> , <b>2020</b> , 202,	3.5	2
5	Role of single-strand DNA 3b5bexonuclease ExoI and nuclease SbcCD in stationary-phase mutation in <i>Escherichia coli</i> K-12. <i>Archives of Microbiology</i> , <b>2009</b> , 191, 185-90	3	2
4	The N terminus of FlIM is essential to promote flagellar rotation in <i>Rhodobacter sphaeroides</i> . <i>Journal of Bacteriology</i> , <b>2001</b> , 183, 3142-8	3.5	2
3	Characterization of FlgP, an Essential Protein for Flagellar Assembly in. <i>Journal of Bacteriology</i> , <b>2019</b> , 201,	3.5	1
2	Establishment of a Protein Concentration Gradient in the Outer Membrane Requires Two Diffusion-Limiting Mechanisms. <i>Journal of Bacteriology</i> , <b>2019</b> , 201,	3.5	1
1	The periplasmic component of the DctPQM TRAP-transporter is part of the DctS/DctR sensory pathway in. <i>Microbiology (United Kingdom)</i> , <b>2021</b> , 167,	2.9	1