

Sunish Kumar Radhakrishnan

List of Publications by Year in descending order

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papers

803
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840776

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all docs

14
docs citations

14
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Birth Scar Proteins Mark Future Flagellum Assembly Site. <i>Cell</i> , 2006, 124, 1025-1037.	28.9	187
2	The dynamic interplay between a cell fate determinant and a lysozyme homolog drives the asymmetric division cycle of <i>Caulobacter crescentus</i> . <i>Genes and Development</i> , 2008, 22, 212-225.	5.9	127
3	Coupling Prokaryotic Cell Fate and Division Control with a Bifunctional and Oscillating Oxidoreductase Homolog. <i>Developmental Cell</i> , 2010, 18, 90-101.	7.0	97
4	A Cell Cycle and Nutritional Checkpoint Controlling Bacterial Surface Adhesion. <i>PLoS Genetics</i> , 2014, 10, e1004101.	3.5	81
5	An Adaptor Hierarchy Regulates Proteolysis during a Bacterial Cell Cycle. <i>Cell</i> , 2015, 163, 419-431.	28.9	81
6	Cell cycle transition from S-phase to G1 in <i>Caulobacter</i> is mediated by ancestral virulence regulators. <i>Nature Communications</i> , 2014, 5, 4081.	12.8	80
7	Cell cycle constraints on capsulation and bacteriophage susceptibility. <i>ELife</i> , 2014, 3, .	6.0	34
8	Topological control of the <i>Caulobacter</i> cell cycle circuitry by a polarized single-domain PAS protein. <i>Nature Communications</i> , 2015, 6, 7005.	12.8	32
9	A cell cycle-controlled redox switch regulates the topoisomerase IV activity. <i>Genes and Development</i> , 2015, 29, 1175-1187.	5.9	30
10	In-phase oscillation of global regulons is orchestrated by a pole-specific organizer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12550-12555.	7.1	21
11	Sensory domain of the cell cycle kinase CckA regulates the differential DNA binding of the master regulator CtrA in <i>Caulobacter crescentus</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 952-961.	1.9	15
12	An organelle-tethering mechanism couples flagellation to cell division in bacteria. <i>Developmental Cell</i> , 2021, 56, 657-670.e4.	7.0	10
13	Two-in-one: bifunctional regulators synchronizing developmental events in bacteria. <i>Trends in Cell Biology</i> , 2012, 22, 14-21.	7.9	6