Anjana Badrinarayanan

List of Publications by Year
in descending order

17	934	933447 10	888059 17
papers	citations	h-index	g-index

25	25	25	771
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial Chromosome Organization and Segregation. Annual Review of Cell and Developmental Biology, 2015, 31, 171-199.	9.4	264
2	In Vivo Architecture and Action of Bacterial Structural Maintenance of Chromosome Proteins. Science, 2012, 338, 528-531.	12.6	253
3	MatP regulates the coordinated action of topoisomerase IV and MukBEF in chromosome segregation. Nature Communications, 2016, 7, 10466.	12.8	114
4	The SMC Complex MukBEF Recruits Topoisomerase IV to the Origin of Replication Region in Live Escherichia coli. MBio, 2014, 5, e01001-13.	4.1	66
5	Rapid pairing and resegregation of distant homologous loci enables double-strand break repair in bacteria. Journal of Cell Biology, 2015, 210, 385-400.	5.2	52
6	The Escherichia coli SMC Complex, MukBEF, Shapes Nucleoid Organization Independently of DNA Replication. Journal of Bacteriology, 2012, 194, 4669-4676.	2.2	50
7	A CTP-dependent gating mechanism enables ParB spreading on DNA. ELife, 2021, 10, .	6.0	28
8	Evolutionary and Comparative Analysis of Bacterial Nonhomologous End Joining Repair. Genome Biology and Evolution, 2020, 12, 2450-2466.	2.5	19
9	Visualizing mutagenic repair: novel insights into bacterial translesion synthesis. FEMS Microbiology Reviews, 2020, 44, 572-582.	8.6	16
10	Global analysis of double-strand break processing reveals in vivo properties of the helicase-nuclease complex AddAB. PLoS Genetics, 2017, 13, e1006783.	3.5	16
11	Asymmetric chromosome segregation and cell division in DNA damage-induced bacterial filaments. Molecular Biology of the Cell, 2020, 31, 2920-2931.	2.1	15
12	Coordination between nucleotide excision repair and specialized polymerase DnaE2 action enables DNA damage survival in non-replicating bacteria. ELife, 2021, 10, .	6.0	11
13	Using Fluorescence Recovery After Photobleaching (FRAP) to Study Dynamics of the Structural Maintenance of Chromosome (SMC) Complex In Vivo. Methods in Molecular Biology, 2016, 1431, 37-46.	0.9	6
14	Live-Cell Fluorescence Imaging of RecN in Caulobacter crescentus Under DNA Damage. Methods in Molecular Biology, 2019, 2004, 239-250.	0.9	5
15	Time to death in the presence of E. coli: a mass-scale method for assaying pathogen resistance in Drosophila. Journal of Genetics, 2007, 86, 75-79.	0.7	3
16	Tracking Bacterial Chromosome Dynamics with Microfluidics-Based Live Cell Imaging. Methods in Molecular Biology, 2019, 2004, 223-238.	0.9	2
17	Rapid pairing and resegregation of distant homologous loci enables double-strand break repair in bacteria. Journal of Experimental Medicine, 2015, 212, 2129OIA70.	8.5	0