

# Anjana Badrinarayanan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/248745/publications.pdf>

Version: 2024-02-01

17  
papers

934  
citations

933447

10  
h-index

888059

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

771  
citing authors

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