Zeynep Baharoglu

List of Publications by Year
in descending order

23	1,861	516710 16	677142 22
papers	citations	h-index	g-index

28	28	28	2187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A qnr-plasmid allows aminoglycosides to induce SOS in Escherichia coli. ELife, 2022, 11, .	6.0	4
2	Sleeping ribosomes: Bacterial signaling triggers RaiA mediated persistence to aminoglycosides. IScience, 2021, 24, 103128.	4.1	25
3	Deficiency in cytosine DNA methylation leads to high chaperonin expression and tolerance to aminoglycosides in Vibrio cholerae. PLoS Genetics, 2021, 17, e1009748.	3.5	11
4	Interplay between Sublethal Aminoglycosides and Quorum Sensing: Consequences on Survival in V. cholerae. Cells, 2021, 10, 3227.	4.1	8
5	RadD Contributes to R-Loop Avoidance in Sub-MIC Tobramycin. MBio, 2019, 10, .	4.1	17
6	Identification of genes involved in low aminoglycoside-induced SOS response in Vibrio cholerae: a role for transcription stalling and Mfd helicase. Nucleic Acids Research, 2014, 42, 2366-2379.	14.5	32
7	Influence of very short patch mismatch repair on SOS inducing lesions after aminoglycoside treatment in Escherichia coli. Research in Microbiology, 2014, 165, 476-480.	2.1	2
8	SOS, the formidable strategy of bacteria against aggressions. FEMS Microbiology Reviews, 2014, 38, 1126-1145.	8.6	312
9	Î²-lactam antibiotics promote bacterial mutagenesis via an RpoS-mediated reduction in replication fidelity. Nature Communications, 2013, 4, 1610.	12.8	320
10	RpoS Plays a Central Role in the SOS Induction by Sub-Lethal Aminoglycoside Concentrations in Vibrio cholerae. PLoS Genetics, 2013, 9, e1003421.	3.5	86
11	Multiple Pathways of Genome Plasticity Leading to Development of Antibiotic Resistance. Antibiotics, 2013, 2, 288-315.	3.7	34
12	Connecting Environment and Genome Plasticity in the Characterization of Transformation-Induced SOS Regulation and Carbon Catabolite Control of the Vibrio cholerae Integron Integrase. Journal of Bacteriology, 2012, 194, 1659-1667.	2.2	71
13	Vibrio cholerae Triggers SOS and Mutagenesis in Response to a Wide Range of Antibiotics: a Route towards Multiresistance. Antimicrobial Agents and Chemotherapy, 2011, 55, 2438-2441.	3.2	185
14	Formation of a Stable RuvA Protein Double Tetramer Is Required for Efficient Branch Migration in Vitro and for Replication Fork Reversal in Vivo. Journal of Biological Chemistry, 2011, 286, 22372-22383.	3.4	16
15	RNA polymerase mutations that facilitate replication progression in the rep uvrD recF mutant lacking two accessory replicative helicases. Molecular Microbiology, 2010, 77, 324-336.	2.5	54
16	Conjugative DNA Transfer Induces the Bacterial SOS Response and Promotes Antibiotic Resistance Development through Integron Activation. PLoS Genetics, 2010, 6, e1001165.	3.5	228
17	Folded DNA in Action: Hairpin Formation and Biological Functions in Prokaryotes. Microbiology and Molecular Biology Reviews, 2010, 74, 570-588.	6.6	161
18	ruvA and ruvB mutants specifically impaired for replication fork reversal. Molecular Microbiology, 2008, 70, 537-548.	2.5	20

#	Article	IF	Citations
19	ruvA Mutants That Resolve Holliday Junctions but Do Not Reverse Replication Forks. PLoS Genetics, 2008, 4, e1000012.	3.5	25
20	Recombination proteins and rescue of arrested replication forks. DNA Repair, 2007, 6, 967-980.	2.8	177
21	Genetics of recombination in the model bacterium Escherichia coli. Topics in Current Genetics, 2007, , 1-26.	0.7	4
22	RuvAB is essential for replication forks reversal in certain replication mutants. EMBO Journal, 2006, 25, 596-604.	7.8	60
23	Genetics of Recombination in the Model Bacterium Escherichia Coli. , 2006, , 1-26.		2