Matthew J Culyba

List of Publications by Year
in descending order

12	345	1306789 7	1199166 12
papers	citations	h-index	g-index

12	12	12	356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targets for Combating the Evolution of Acquired Antibiotic Resistance. Biochemistry, 2015, 54, 3573-3582.	1.2	101
2	Systematically Altering Bacterial SOS Activity under Stress Reveals Therapeutic Strategies for Potentiating Antibiotics. MSphere, 2016, 1, .	1.3	74
3	Inhibitors of LexA Autoproteolysis and the Bacterial SOS Response Discovered by an Academicâ€“Industry Partnership. ACS Infectious Diseases, 2018, 4, 349-359.	1.8	45
4	Non-equilibrium repressor binding kinetics link DNA damage dose to transcriptional timing within the SOS gene network. PLoS Genetics, 2018, 14, e1007405.	1.5	37
5	Bacterial evolution during human infection: Adapt and live or adapt and die. PLoS Pathogens, 2021, 17, e1009872.	2.1	33
6	Advancement of the 5-Amino-1-(Carbamoylmethyl)-1H-1,2,3-Triazole-4-Carboxamide Scaffold to Disarm the Bacterial SOS Response. Frontiers in Microbiology, 2018, 9, 2961.	1.5	22
7	Convergent Evolution of Antibiotic Tolerance in Patients with Persistent Methicillin-Resistant Staphylococcus aureus Bacteremia. Infection and Immunity, 2022, 90, e0000122.	1.0	8
8	Ordering up gene expression by slowing down transcription factor binding kinetics. Current Genetics, 2019, 65, 401-406.	0.8	7
9	The Parameter-Fitness Landscape of lexA Autoregulation in Escherichia coli. MSphere, 2020, 5, .	1.3	7
10	A Small-Molecule Inducible Synthetic Circuit for Control of the SOS Gene Network without DNA Damage. ACS Synthetic Biology, 2017, 6, 2067-2076.	1.9	4
11	DNA cytosine methylation at the lexA promoter of Escherichia coli is stationary phase specific. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	4
12	Effect of mismatch repair on the mutational footprint of the bacterial SOS mutator activity. DNA Repair, 2021, 103, 103130.	1.3	3