

Matthew J Culyba

List of Publications by Year in Descending Order

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11 papers	216 citations	6 h-index	12 g-index
12 ext. papers	294 ext. citations	4.7 avg, IF	3.54 L-index

#	Paper	IF	Citations
11	Convergent Evolution of Antibiotic Tolerance in Patients with Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia.. <i>Infection and Immunity</i> , 2022 , e0000122	3.7	1
10	Effect of mismatch repair on the mutational footprint of the bacterial SOS mutator activity. <i>DNA Repair</i> , 2021 , 103, 103130	4.3	1
9	Bacterial evolution during human infection: Adapt and live or adapt and die. <i>PLoS Pathogens</i> , 2021 , 17, e1009872	7.6	9
8	The Parameter-Fitness Landscape of Autoregulation in <i>Escherichia coli</i> . <i>MSphere</i> , 2020 , 5,	5	2
7	Ordering up gene expression by slowing down transcription factor binding kinetics. <i>Current Genetics</i> , 2019 , 65, 401-406	2.9	6
6	Inhibitors of LexA Autoproteolysis and the Bacterial SOS Response Discovered by an Academic-Industry Partnership. <i>ACS Infectious Diseases</i> , 2018 , 4, 349-359	5.5	28
5	Non-equilibrium repressor binding kinetics link DNA damage dose to transcriptional timing within the SOS gene network. <i>PLoS Genetics</i> , 2018 , 14, e1007405	6	21
4	Advancement of the 5-Amino-1-(Carbamoylmethyl)-1H-1,2,3-Triazole-4-Carboxamide Scaffold to Disarm the Bacterial SOS Response. <i>Frontiers in Microbiology</i> , 2018 , 9, 2961	5.7	10
3	A Small-Molecule Inducible Synthetic Circuit for Control of the SOS Gene Network without DNA Damage. <i>ACS Synthetic Biology</i> , 2017 , 6, 2067-2076	5.7	4
2	Systematically Altering Bacterial SOS Activity under Stress Reveals Therapeutic Strategies for Potentiating Antibiotics. <i>MSphere</i> , 2016 , 1,	5	50
1	Targets for Combating the Evolution of Acquired Antibiotic Resistance. <i>Biochemistry</i> , 2015 , 54, 3573-82	3.2	84