

Adam Z Rosenthal

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

771
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping a multiplexed zoo of mRNA expression. <i>Development (Cambridge)</i> , 2016, 143, 3632-3637.	2.5	198
2	Murine single-cell RNA-seq reveals cell-identity- and tissue-specific trajectories of aging. <i>Genome Research</i> , 2019, 29, 2088-2103.	5.5	132
3	RNA-seq reveals cooperative metabolic interactions between two termite-gut spirochete species in co-culture. <i>ISME Journal</i> , 2011, 5, 1133-1142.	9.8	89
4	Directed evolution of a far-red fluorescent rhodopsin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13034-13039.	7.1	84
5	Metabolic interactions between dynamic bacterial subpopulations. <i>ELife</i> , 2018, 7, .	6.0	82
6	Osmotic Stress. <i>EcoSal Plus</i> , 2009, 3, .	5.4	48
7	Osmolyte-induced transcription: -35 region elements and recognition by sigma38 (rpoS). <i>Molecular Microbiology</i> , 2006, 59, 1052-1061.	2.5	33
8	Localizing transcripts to single cells suggests an important role of uncultured deltaproteobacteria in the termite gut hydrogen economy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16163-16168.	7.1	29
9	Regulation of transcription by acetate in <i>Escherichia coli</i> : <i>in vivo</i> and <i>in vitro</i> comparisons. <i>Molecular Microbiology</i> , 2008, 68, 907-917.	2.5	23
10	General stress response signalling: unwrapping transcription complexes by DNA relaxation via the sigma38 C-terminal domain. <i>Molecular Microbiology</i> , 2008, 70, 369-378.	2.5	22
11	Poising of <i>Escherichia coli</i> RNA Polymerase and Its Release from the σ 38 C-Terminal Tail for osmY Transcription. <i>Journal of Molecular Biology</i> , 2008, 376, 938-949.	4.2	17
12	Single-Cell RNA Sequencing Elucidates the Structure and Organization of Microbial Communities. <i>Frontiers in Microbiology</i> , 2021, 12, 713128.	3.5	11
13	Genome-Wide Effects of Selenium and Translational Uncoupling on Transcription in the Termite Gut Symbiont <i>Treponema primitia</i> . <i>MBio</i> , 2013, 4, e00869-13.	4.1	1