

Devashish Rath

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

797
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	The CRISPR-Cas immune system: Biology, mechanisms and applications. <i>Biochimie</i> , 2015, 117, 119-128.	2.6	367
2	Efficient programmable gene silencing by Cascade. <i>Nucleic Acids Research</i> , 2015, 43, 237-246.	14.5	288
3	Involvement of pnp in survival of UV radiation in <i>Escherichia coli</i> K-12. <i>Microbiology (United Kingdom)</i> 157, 1077-1084. doi:10.1093/mic/kgu111	1.8	34
4	Characterization of multiple antibiotic resistance of culturable microorganisms and metagenomic analysis of total microbial diversity of marine fish sold in retail shops in Mumbai, India. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6228-6239.	5.3	23
5	CRISPR-Cas-Mediated Gene Silencing Reveals RacR To Be a Negative Regulator of YdaS and YdaT Toxins in <i>Escherichia coli</i> K-12. <i>MSphere</i> , 2017, 2, .	2.9	20
6	The era of Cas12 and Cas13 CRISPR-based disease diagnosis. <i>Critical Reviews in Microbiology</i> , 2022, 48, 714-729.	6.1	17
7	Loss of Expression of <i>cspC</i> , a Cold Shock Family Gene, Confers a Gain of Fitness in <i>Escherichia coli</i> K-12 Strains. <i>Journal of Bacteriology</i> , 2006, 188, 6780-6785.	2.2	16
8	Novel molecular aspects of the CRISPR backbone protein Cas7 from cyanobacteria. <i>Biochemical Journal</i> , 2020, 477, 971-983.	3.7	9
9	Increased ultraviolet radiation sensitivity of <i>Escherichia coli</i> grown at low temperature. <i>Canadian Journal of Microbiology</i> , 2014, 60, 327-331.	1.7	6
10	DNA repair pathways important for the survival of <i>Escherichia coli</i> to hydrogen peroxide mediated killing. <i>Gene</i> , 2021, 768, 145297.	2.2	5
11	A novel mutation spatially remote from the G-domain in IF2 affects the cold stress adaptation of <i>Escherichia coli</i> . <i>Research in Microbiology</i> , 2009, 160, 576-580.	2.1	4
12	Whole-Genome Sequencing of <i>Sphingobium</i> sp. Strain RSMS, a Highly Efficient Tributyl Phosphate-Degrading Bacterium. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
13	Isolation and characterization of a recombinant class C acid phosphatase from <i>Sphingobium</i> sp. RSMS strain. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2022, 33, e00709.	4.4	3
14	Type I-E CRISPR-Cas System as a Defense System in <i>Saccharomyces cerevisiae</i> . <i>MSphere</i> , 2022, 7, e0003822.	2.9	1