

Dipak Dutta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2613942/publications.pdf>

Version: 2024-02-01

11
papers

514
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking RNA Polymerase Backtracking to Genome Instability in <i>E. coli</i> . <i>Cell</i> , 2011, 146, 533-543.	28.9	296
2	Affected energy metabolism under manganese stress governs cellular toxicity. <i>Scientific Reports</i> , 2017, 7, 11645.	3.3	51
3	<i>E. coli</i> HflX interacts with 50S ribosomal subunits in presence of nucleotides. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 201-205.	2.1	44
4	Cobalt and nickel impair DNA metabolism by the oxidative stress independent pathway. <i>Metallomics</i> , 2017, 9, 1596-1609.	2.4	38
5	Novel MntR-Independent Mechanism of Manganese Homeostasis in <i>Escherichia coli</i> by the Ribosome-Associated Protein HflX. <i>Journal of Bacteriology</i> , 2014, 196, 2587-2597.	2.2	29
6	Properties of HflX, an Enigmatic Protein from <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2009, 191, 2307-2314.	2.2	28
7	Free spermidine evokes superoxide radicals that manifest toxicity. <i>ELife</i> , 2022, 11, .	6.0	10
8	HflX protein protects <i>Escherichia coli</i> from manganese stress. <i>Journal of Biosciences</i> , 2018, 43, 1001-1013.	1.1	8
9	<i>Escherichia coli</i> σ^{70} -clamp slows down DNA polymerase I dependent nick translation while accelerating ligation. <i>PLoS ONE</i> , 2018, 13, e0199559.	2.5	7
10	Characterization of the autophosphorylation property of HflX, a ribosome-binding GTPase from <i>Escherichia coli</i> . <i>FEBS Open Bio</i> , 2016, 6, 651-659.	2.3	3
11	HflX protein protects from manganese stress. <i>Journal of Biosciences</i> , 2018, 43, 1001-1013.	1.1	0