

Anirban Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

568
citations

840776

11
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	Classical non-homologous end-joining pathway utilizes nascent RNA for error-free double-strand break repair of transcribed genes. <i>Nature Communications</i> , 2016, 7, 13049.	12.8	136
2	The Role of the Mammalian DNA End-processing Enzyme Polynucleotide Kinase 3 TM -Phosphatase in Spinocerebellar Ataxia Type 3 Pathogenesis. <i>PLoS Genetics</i> , 2015, 11, e1004749.	3.5	84
3	Mutant huntingtin impairs PNKP and ATXN3, disrupting DNA repair and transcription. <i>ELife</i> , 2019, 8, .	6.0	83
4	Neil2-null Mice Accumulate Oxidized DNA Bases in the Transcriptionally Active Sequences of the Genome and Are Susceptible to Innate Inflammation. <i>Journal of Biological Chemistry</i> , 2015, 290, 24636-24648.	3.4	79
5	<i>Helicobacter pylori</i> infection downregulates the DNA glycosylase NEIL2, resulting in increased genome damage and inflammation in gastric epithelial cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 11082-11098.	3.4	35
6	The DNA Glycosylase NEIL2 Suppresses Fusobacterium-Infection-Induced Inflammation and DNA Damage in Colonic Epithelial Cells. <i>Cells</i> , 2020, 9, 1980.	4.1	28
7	Deficiency in classical nonhomologous end-joining TM mediated repair of transcribed genes is linked to SCA3 pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8154-8165.	7.1	28
8	PIAS1 modulates striatal transcription, DNA damage repair, and SUMOylation with relevance to Huntington TM s disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
9	Transcription coupled base excision repair in mammalian cells: So little is known and so much to uncover. <i>DNA Repair</i> , 2021, 107, 103204.	2.8	19
10	Innate mechanism of pollen- and cat dander TM induced oxidative stress and DNA damage in the airways. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1436-1439.e5.	2.9	16
11	Intrapulmonary administration of purified NEIL2 abrogates NF- TM mediated inflammation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100723.	3.4	14
12	Suppression of oxidative phosphorylation in mouse embryonic fibroblast cells deficient in apurinic/apyrimidinic endonuclease. <i>DNA Repair</i> , 2015, 27, 40-48.	2.8	10
13	NEIL2 plays a critical role in limiting inflammation and preserving genomic integrity in <i>H. pylori</i> TM infected gastric epithelial cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0