

Natalie Saini

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,526
citations

394421
19
h-index

642732
23
g-index

36
all docs

36
docs citations

36
times ranked

7179
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetaldehyde makes a distinct mutation signature in single-stranded DNA. Nucleic Acids Research, 2022, 50, 7451-7464.	14.5	10
2	Genomic and evolutionary classification of lung cancer in never smokers. Nature Genetics, 2021, 53, 1348-1359.	21.4	81
3	UV-exposure, endogenous DNA damage, and DNA replication errors shape the spectra of genome changes in human skin. PLoS Genetics, 2021, 17, e1009302.	3.5	26
4	Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples. Nature Communications, 2020, 11, 4748.	12.8	27
5	Mutation signatures specific to DNA alkylating agents in yeast and cancers. Nucleic Acids Research, 2020, 48, 3692-3707.	14.5	32
6	Pan-cancer analysis of whole genomes. Nature, 2020, 578, 82-93.	27.8	1,966
7	Analysis of APOBEC-induced mutations in yeast strains with low levels of replicative DNA polymerases. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9440-9450.	7.1	22
8	Hypermethylation in single-stranded DNA. DNA Repair, 2020, 91-92, 102868.	2.8	28
9	Similarity between mutation spectra in hypermutated genomes of rubella virus and in SARS-CoV-2 genomes accumulated during the COVID-19 pandemic. PLoS ONE, 2020, 15, e0237689.	2.5	53
10	Title is missing!., 2020, 15, e0237689.		0
11	Title is missing!., 2020, 15, e0237689.		0
12	Title is missing!., 2020, 15, e0237689.		0
13	Title is missing!., 2020, 15, e0237689.		0
14	Infectious vaccine-derived rubella viruses emerge, persist, and evolve in cutaneous granulomas of children with primary immunodeficiencies. PLoS Pathogens, 2019, 15, e1008080.	4.7	58
15	Repair of multiple simultaneous double-strand breaks causes bursts of genome-wide clustered hypermutation. PLoS Biology, 2019, 17, e3000464.	5.6	35
16	Mutational signatures of redox stress in yeast single-strand DNA and of aging in human mitochondrial DNA share a common feature. PLoS Biology, 2019, 17, e3000263.	5.6	29
17	Title is missing!., 2019, 17, e3000464.		0
18	Title is missing!., 2019, 17, e3000464.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2019, 17, e3000464.		0
20	Molecular Evolution of Early-Onset Prostate Cancer Identifies Molecular Risk Markers and Clinical Trajectories. Cancer Cell, 2018, 34, 996-1011.e8.	16.8	190
21	Somatic mutation load and spectra: A record of DNA damage and repair in healthy human cells. Environmental and Molecular Mutagenesis, 2018, 59, 672-686.	2.2	19
22	APOBEC3B cytidine deaminase targets the non-transcribed strand of tRNA genes in yeast. DNA Repair, 2017, 53, 4-14.	2.8	37
23	The Impact of Environmental and Endogenous Damage on Somatic Mutation Load in Human Skin Fibroblasts. PLoS Genetics, 2016, 12, e1006385.	3.5	82
24	The Journey of DNA Repair. Trends in Cancer, 2015, 1, 215-216.	7.4	3
25	An APOBEC3A hypermutation signature is distinguishable from the signature of background mutagenesis by APOBEC3B in human cancers. Nature Genetics, 2015, 47, 1067-1072.	21.4	354
26	Migrating bubble during break-induced replication drives conservative DNA synthesis. Nature, 2013, 502, 389-392.	27.8	277
27	Fragile DNA Motifs Trigger Mutagenesis at Distant Chromosomal Loci in Saccharomyces cerevisiae. PLoS Genetics, 2013, 9, e1003551.	3.5	28
28	Genome-Wide Screen Reveals Replication Pathway for Quasi-Palindrome Fragility Dependent on Homologous Recombination. PLoS Genetics, 2013, 9, e1003979.	3.5	31
29	Genome-wide Screen Identifies Pathways that Govern GAA/TTC Repeat Fragility and Expansions in Dividing and Nondividing Yeast Cells. Molecular Cell, 2012, 48, 254-265.	9.7	58