

Natalie Saini

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,526
citations

394390

19
h-index

642715

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. <i>Nucleic Acids Research</i> , 2022, 50, 7451-7464.	14.5	10
2	Genomic and evolutionary classification of lung cancer in never smokers. <i>Nature Genetics</i> , 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. <i>PLoS Genetics</i> , 2021, 17, e1009302.	3.5	26
4	Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples. <i>Nature Communications</i> , 2020, 11, 4748.	12.8	27
5	Mutation signatures specific to DNA alkylating agents in yeast and cancers. <i>Nucleic Acids Research</i> , 2020, 48, 3692-3707.	14.5	32
6	Pan-cancer analysis of whole genomes. <i>Nature</i> , 2020, 578, 82-93.	27.8	1,966
7	Analysis of APOBEC-induced mutations in yeast strains with low levels of replicative DNA polymerases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9440-9450.	7.1	22
8	Hypermethylation in single-stranded DNA. <i>DNA Repair</i> , 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. <i>PLoS ONE</i> , 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. <i>PLoS Pathogens</i> , 2019, 15, e1008080.	4.7	58
15	Repair of multiple simultaneous double-strand breaks causes bursts of genome-wide clustered hypermutation. <i>PLoS Biology</i> , 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. <i>PLoS Biology</i> , 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. <i>Cancer Cell</i> , 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. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 672-686.	2.2	19
22	APOBEC3B cytidine deaminase targets the non-transcribed strand of tRNA genes in yeast. <i>DNA Repair</i> , 2017, 53, 4-14.	2.8	37
23	The Impact of Environmental and Endogenous Damage on Somatic Mutation Load in Human Skin Fibroblasts. <i>PLoS Genetics</i> , 2016, 12, e1006385.	3.5	82
24	The Journey of DNA Repair. <i>Trends in Cancer</i> , 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. <i>Nature Genetics</i> , 2015, 47, 1067-1072.	21.4	354
26	Migrating bubble during break-induced replication drives conservative DNA synthesis. <i>Nature</i> , 2013, 502, 389-392.	27.8	277
27	Fragile DNA Motifs Trigger Mutagenesis at Distant Chromosomal Loci in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2013, 9, e1003551.	3.5	28
28	Genome-Wide Screen Reveals Replication Pathway for Quasi-Palindrome Fragility Dependent on Homologous Recombination. <i>PLoS Genetics</i> , 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. <i>Molecular Cell</i> , 2012, 48, 254-265.	9.7	58