

Harshil Patel

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,796
citations

304743

22
h-index

395702

33
g-index

44
all docs

44
docs citations

44
times ranked

5088
citing authors

#	ARTICLE	IF	CITATIONS
1	The nf-core framework for community-curated bioinformatics pipelines. <i>Nature Biotechnology</i> , 2020, 38, 276-278.	17.5	963
2	Chromatin Controls DNA Replication Origin Selection, Lagging-Strand Synthesis, and Replication Fork Rates. <i>Molecular Cell</i> , 2017, 65, 117-130.	9.7	211
3	Influenza-induced monocyte-derived alveolar macrophages confer prolonged antibacterial protection. <i>Nature Immunology</i> , 2020, 21, 145-157.	14.5	193
4	SETD2 loss-of-function promotes renal cancer branched evolution through replication stress and impaired DNA repair. <i>Oncogene</i> , 2015, 34, 5699-5708.	5.9	147
5	The linker histone H1.0 generates epigenetic and functional intratumor heterogeneity. <i>Science</i> , 2016, 353, .	12.6	147
6	The Scc2-Scc4 complex acts in sister chromatid cohesion and transcriptional regulation by maintaining nucleosome-free regions. <i>Nature Genetics</i> , 2014, 46, 1147-1151.	21.4	114
7	ATAD3 gene cluster deletions cause cerebellar dysfunction associated with altered mitochondrial DNA and cholesterol metabolism. <i>Brain</i> , 2017, 140, 1595-1610.	7.6	105
8	Defective ALC1 nucleosome remodeling confers PARPi sensitization and synthetic lethality with HRD. <i>Molecular Cell</i> , 2021, 81, 767-783.e11.	9.7	72
9	Targeting the nucleotide salvage factor DNPH1 sensitizes BRCA-deficient cells to PARP inhibitors. <i>Science</i> , 2021, 372, 156-165.	12.6	68
10	Functional antibody and T cell immunity following SARS-CoV-2 infection, including by variants of concern, in patients with cancer: the CAPTURE study. <i>Nature Cancer</i> , 2021, 2, 1321-1337.	13.2	66
11	A Role for Chromatin Remodeling in Cohesin Loading onto Chromosomes. <i>Molecular Cell</i> , 2019, 74, 664-673.e5.	9.7	62
12	Genome-wide co-localization of Polycomb orthologs and their effects on gene expression in human fibroblasts. <i>Genome Biology</i> , 2014, 15, R23.	9.6	46
13	Division of Labor between PCNA Loaders in DNA Replication and Sister Chromatid Cohesion Establishment. <i>Molecular Cell</i> , 2020, 78, 725-738.e4.	9.7	45
14	Cyclin D mediates tolerance of genome-doubling in cancers with functional p53. <i>Annals of Oncology</i> , 2017, 28, 149-156.	1.2	43
15	Distinct modes of SMAD2 chromatin binding and remodeling shape the transcriptional response to NODAL/Activin signaling. <i>ELife</i> , 2017, 6, .	6.0	40
16	RTEL1 Regulates G4/R-Loops to Avert Replication-Transcription Collisions. <i>Cell Reports</i> , 2020, 33, 108546.	6.4	38
17	Epstein-Barr virus transcription factor Zta acts through distal regulatory elements to directly control cellular gene expression. <i>Nucleic Acids Research</i> , 2015, 43, 3563-3577.	14.5	37
18	Characterisation of tumour microenvironment remodelling following oncogene inhibition in preclinical studies with imaging mass cytometry. <i>Nature Communications</i> , 2021, 12, 5906.	12.8	36

#	ARTICLE	IF	CITATIONS
19	Sox2 levels regulate the chromatin occupancy of WNT mediators in epiblast progenitors responsible for vertebrate body formation. <i>Nature Cell Biology</i> , 2022, 24, 633-644.	10.3	35
20	Repression of Divergent Noncoding Transcription by a Sequence-Specific Transcription Factor. <i>Molecular Cell</i> , 2018, 72, 942-954.e7.	9.7	34
21	A Distinct Class of Genome Rearrangements Driven by Heterologous Recombination. <i>Molecular Cell</i> , 2018, 69, 292-305.e6.	9.7	33
22	T Cell Receptorâ€“Major Histocompatibility Complex Interaction Strength Defines Trafficking and CD103+ Memory Status of CD8 T Cells in the Brain. <i>Frontiers in Immunology</i> , 2018, 9, 1290.	4.8	25
23	Selective inhibition of cancer cell self-renewal through a Quisinostat-histone H1.0 axis. <i>Nature Communications</i> , 2020, 11, 1792.	12.8	25
24	The Transcription Co-Repressors MTG8 and MTG16 Regulate Exit of Intestinal Stem Cells From Their Niche and Differentiation Into Enterocyte vs Secretory Lineages. <i>Gastroenterology</i> , 2020, 159, 1328-1341.e3.	1.3	24
25	Role of Polycomb Group Proteins in the DNA Damage Response â€“ A Reassessment. <i>PLoS ONE</i> , 2014, 9, e102968.	2.5	14
26	Disruption of the MSL complex inhibits tumour maintenance by exacerbating chromosomal instability. <i>Nature Cell Biology</i> , 2021, 23, 401-412.	10.3	13
27	Redistribution of <sc>EZH</sc> 2 promotes malignant phenotypes by rewiring developmental programmes. <i>EMBO Reports</i> , 2019, 20, e48155.	4.5	9
28	Rpd3L Contributes to the DNA Damage Sensitivity of <i>Saccharomyces cerevisiae</i> Checkpoint Mutants. <i>Genetics</i> , 2019, 211, 503-513.	2.9	9
29	Peripheral self-reactivity regulates antigen-specific CD8 T-cell responses and cell division under physiological conditions. <i>Open Biology</i> , 2016, 6, 160293.	3.6	7
30	Fission yeast telosomes: non-canonical histone-containing chromatin structures dependent on shelterin and RNA. <i>Nucleic Acids Research</i> , 2018, 46, 8865-8875.	14.5	7
31	C57BL/6 and 129 inbred mouse strains differ in Gbp2 and Gbp2b expression in response to inflammatory stimuli in vivo. <i>Wellcome Open Research</i> , 2019, 4, 124.	1.8	6
32	A network of transcription factors governs the dynamics of NODAL/Activin transcriptional responses. <i>Journal of Cell Science</i> , 2022, , .	2.0	6
33	A role for condensin in mediating transcriptional adaptation to environmental stimuli. <i>Life Science Alliance</i> , 2021, 4, e202000961.	2.8	3