

Harshil Patel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,227
citations

17
h-index

35
g-index

44
ext. papers

1,998
ext. citations

15.3
avg, IF

4.61
L-index

#	Paper	IF	Citations
36	The nf-core framework for community-curated bioinformatics pipelines. <i>Nature Biotechnology</i> , 2020 , 38, 276-278	44.5	240
35	Chromatin Controls DNA Replication Origin Selection, Lagging-Strand Synthesis, and Replication Fork Rates. <i>Molecular Cell</i> , 2017 , 65, 117-130	17.6	152
34	SETD2 loss-of-function promotes renal cancer branched evolution through replication stress and impaired DNA repair. <i>Oncogene</i> , 2015 , 34, 5699-708	9.2	114
33	The linker histone H1.0 generates epigenetic and functional intratumor heterogeneity. <i>Science</i> , 2016 , 353,	33.3	101
32	The Scc2-Scc4 complex acts in sister chromatid cohesion and transcriptional regulation by maintaining nucleosome-free regions. <i>Nature Genetics</i> , 2014 , 46, 1147-51	36.3	90
31	ATAD3 gene cluster deletions cause cerebellar dysfunction associated with altered mitochondrial DNA and cholesterol metabolism. <i>Brain</i> , 2017 , 140, 1595-1610	11.2	76
30	Influenza-induced monocyte-derived alveolar macrophages confer prolonged antibacterial protection. <i>Nature Immunology</i> , 2020 , 21, 145-157	19.1	60
29	Genome-wide co-localization of Polycomb orthologs and their effects on gene expression in human fibroblasts. <i>Genome Biology</i> , 2014 , 15, R23	18.3	38
28	Defective ALC1 nucleosome remodeling confers PARPi sensitization and synthetic lethality with HRD. <i>Molecular Cell</i> , 2021 , 81, 767-783.e11	17.6	32
27	A Role for Chromatin Remodeling in Cohesin Loading onto Chromosomes. <i>Molecular Cell</i> , 2019 , 74, 664-673.e5	17.6	31
26	Epstein-Barr virus transcription factor Zta acts through distal regulatory elements to directly control cellular gene expression. <i>Nucleic Acids Research</i> , 2015 , 43, 3563-77	20.1	28
25	Distinct modes of SMAD2 chromatin binding and remodeling shape the transcriptional response to NODAL/Activin signaling. <i>ELife</i> , 2017 , 6,	8.9	26
24	Cyclin D mediates tolerance of genome-doubling in cancers with functional p53. <i>Annals of Oncology</i> , 2017 , 28, 149-156	10.3	25
23	A Distinct Class of Genome Rearrangements Driven by Heterologous Recombination. <i>Molecular Cell</i> , 2018 , 69, 292-305.e6	17.6	23
22	nf-core: Community curated bioinformatics pipelines		21
21	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	15.4	17
20	Repression of Divergent Noncoding Transcription by a Sequence-Specific Transcription Factor. <i>Molecular Cell</i> , 2018 , 72, 942-954.e7	17.6	17

19	Division of Labor between PCNA Loaders in DNA Replication and Sister Chromatid Cohesion Establishment. <i>Molecular Cell</i> , 2020 , 78, 725-738.e4	17.6	16
18	RTEL1 Regulates G4/R-Loops to Avert Replication-Transcription Collisions. <i>Cell Reports</i> , 2020 , 33, 108546-108556	10.6	14
17	Selective inhibition of cancer cell self-renewal through a Quisinosat-histone H1.0 axis. <i>Nature Communications</i> , 2020 , 11, 1792	17.4	14
16	Role of polycomb group proteins in the DNA damage response--a reassessment. <i>PLoS ONE</i> , 2014 , 9, e102968	3.7	12
15	Targeting the nucleotide salvage factor DNPH1 sensitizes -deficient cells to PARP inhibitors. <i>Science</i> , 2021 , 372, 156-165	33.3	12
14	A systematic benchmark of Nanopore long read RNA sequencing for transcript level analysis in human cell lines		11
13	T Cell Receptor-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	8.4	8
12	Rpd3L Contributes to the DNA Damage Sensitivity of Checkpoint Mutants. <i>Genetics</i> , 2019 , 211, 503-513	4	8
11	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	13.3	5.3
10	Fission yeast telosomes: non-canonical histone-containing chromatin structures dependent on shelterin and RNA. <i>Nucleic Acids Research</i> , 2018 , 46, 8865-8875	20.1	5
9	Redistribution of EZH2 promotes malignant phenotypes by rewiring developmental programmes. <i>EMBO Reports</i> , 2019 , 20, e48155	6.5	5
8	Sox2 levels configure the WNT response of epiblast progenitors responsible for vertebrate body formation		5
7	Peripheral self-reactivity regulates antigen-specific CD8 T-cell responses and cell division under physiological conditions. <i>Open Biology</i> , 2016 , 6,	7	4
6	Characterisation of tumour microenvironment remodelling following oncogene inhibition in preclinical studies with imaging mass cytometry. <i>Nature Communications</i> , 2021 , 12, 5906	17.4	4
5	Characterisation of tumour microenvironment remodelling following oncogene inhibition in preclinical studies with imaging mass cytometry		3
4	C57BL/6 and 129 inbred mouse strains differ in Gbp2 and Gbp2b expression in response to inflammatory stimuli. <i>Wellcome Open Research</i> , 2019 , 4, 124	4.8	2
3	ERK1/2 signalling dynamics promote neural differentiation by regulating the polycomb repressive complex		2
2	Disruption of the MSL complex inhibits tumour maintenance by exacerbating chromosomal instability. <i>Nature Cell Biology</i> , 2021 , 23, 401-412	23.4	2

1 A network of transcription factors governs the dynamics of NODAL/Activin transcriptional responses.. *Journal of Cell Science*, **2022**,

53 2