

Abhinav Nellore

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,796
citations

279798

23
h-index

330143

37
g-index

49
all docs

49
docs citations

49
times ranked

8058
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal observed impact of HLA genotype on hospitalization and severity of SARS-CoV-2 infection. <i>Hla</i> , 2022, 99, 607-613.	0.6	4
2	Human methylome variation across Infinium 450K data on the Gene Expression Omnibus. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab025.	3.2	12
3	pepsickle rapidly and accurately predicts proteasomal cleavage sites for improved neoantigen identification. <i>Bioinformatics</i> , 2021, 37, 3723-3733.	4.1	6
4	recount3: summaries and queries for large-scale RNA-seq expression and splicing. <i>Genome Biology</i> , 2021, 22, 323.	8.8	103
5	neoepiscopy improves neoepitope prediction with multivariant phasing. <i>Bioinformatics</i> , 2020, 36, 713-720.	4.1	23
6	ASCOT identifies key regulators of neuronal subtype-specific splicing. <i>Nature Communications</i> , 2020, 11, 137.	12.8	50
7	Alternative splicing of MR1 regulates antigen presentation to MAIT cells. <i>Scientific Reports</i> , 2020, 10, 15429.	3.3	9
8	Putatively cancer-specific exon-exon junctions are shared across patients and present in developmental and other non-cancer cells. <i>NAR Cancer</i> , 2020, 2, zcaa001.	3.1	12
9	Human Leukocyte Antigen Susceptibility Map for Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of Virology</i> , 2020, 94, .	3.4	434
10	Burden of tumor mutations, neoepitopes, and other variants are weak predictors of cancer immunotherapy response and overall survival. <i>Genome Medicine</i> , 2020, 12, 33.	8.2	67
11	Tumor Mutation Burden—From Doubts to Concerns. <i>JAMA Oncology</i> , 2019, 5, 1808.	7.1	4
12	Cloud computing for genomic data analysis and collaboration. <i>Nature Reviews Genetics</i> , 2018, 19, 208-219.	16.3	205
13	Population-level distribution and putative immunogenicity of cancer neoepitopes. <i>BMC Cancer</i> , 2018, 18, 414.	2.6	32
14	Snaptron: querying splicing patterns across tens of thousands of RNA-seq samples. <i>Bioinformatics</i> , 2018, 34, 114-116.	4.1	39
15	Rail-RNA: scalable analysis of RNA-seq splicing and coverage. <i>Bioinformatics</i> , 2017, 33, 4033-4040.	4.1	57
16	Reproducible RNA-seq analysis using recount2. <i>Nature Biotechnology</i> , 2017, 35, 319-321.	17.5	395
17	qSVA framework for RNA quality correction in differential expression analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7130-7135.	7.1	95
18	Flexible expressed region analysis for RNA-seq with derfinder. <i>Nucleic Acids Research</i> , 2017, 45, e9-e9.	14.5	54

#	ARTICLE	IF	CITATIONS
19	recount workflow: Accessing over 70,000 human RNA-seq samples with Bioconductor. F1000Research, 2017, 6, 1558.	1.6	50
20	Human splicing diversity and the extent of unannotated splice junctions across human RNA-seq samples on the Sequence Read Archive. Genome Biology, 2016, 17, 266.	8.8	94
21	Rail-dbGaP: analyzing dbGaP-protected data in the cloud with Amazon Elastic MapReduce. Bioinformatics, 2016, 32, 2551-2553.	4.1	5
22	Recovery guarantees for exemplar-based clustering. Information and Computation, 2015, 245, 165-180.	0.7	18
23	Oncogenic BRAF Regulates Oxidative Metabolism via PGC1 α and MITF. Cancer Cell, 2013, 23, 302-315.	16.8	689
24	Integration of Genome-wide Approaches Identifies lncRNAs of Adult Neural Stem Cells and Their Progeny In Vivo. Cell Stem Cell, 2013, 12, 616-628.	11.1	224
25	NSeq: a multithreaded Java application for finding positioned nucleosomes from sequencing data. Frontiers in Genetics, 2013, 3, 320.	2.3	12
26	CHANCE: comprehensive software for quality control and validation of ChIP-seq data. Genome Biology, 2012, 13, R98.	9.6	60
27	Low-temperature behavior of the Abelian Higgs model in Anti-de Sitter space. Journal of High Energy Physics, 2009, 2009, 008-008.	4.7	57
28	Universal relations of transport coefficients from holography. Physical Review D, 2009, 80, .	4.7	10
29	Bound on the speed of sound from holography. Physical Review D, 2009, 80, .	4.7	63
30	Ground states of holographic superconductors. Physical Review D, 2009, 80, .	4.7	86
31	Mimicking the QCD equation of state with a dual black hole. Physical Review D, 2008, 78, .	4.7	175
32	Thermodynamics and Bulk Viscosity of Approximate Black Hole Duals to Finite Temperature Quantum Chromodynamics. Physical Review Letters, 2008, 101, 131601.	7.8	205
33	Quantization of exotic states in SU(3) soliton models: A solvable quantum mechanical analog. Physical Review D, 2004, 70, .	4.7	4
34	Excited baryon decay widths in large Nc QCD. Physical Review D, 2004, 69, .	4.7	34
35	Pion-nucleon scattering relations at next-to-leading order in 1/Nc. Physical Review D, 2004, 70, .	4.7	16
36	The Growth Kinetics of TiO ₂ Nanoparticles from Titanium(IV) Alkoxide at High Water/Titanium Ratio. Journal of Physical Chemistry B, 2003, 107, 1734-1738.	2.6	308