

Abhijit Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,107
citations

687335

13
h-index

610883

24
g-index

42
all docs

42
docs citations

42
times ranked

2500
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative detection and analysis of structural variation in cancer genomes. <i>Nature Genetics</i> , 2018, 50, 1388-1398.	21.4	268
2	Identifying cis Elements for Spatiotemporal Control of Mammalian DNA Replication. <i>Cell</i> , 2019, 176, 816-830.e18.	28.9	144
3	Measuring the reproducibility and quality of Hi-C data. <i>Genome Biology</i> , 2019, 20, 57.	8.8	125
4	Identification of copy number variations and translocations in cancer cells from Hi-C data. <i>Bioinformatics</i> , 2018, 34, 338-345.	4.1	72
5	TET enzymes augment activation-induced deaminase (AID) expression via 5-hydroxymethylcytosine modifications at the <i>Aicda</i> superenhancer. <i>Science Immunology</i> , 2019, 4, .	11.9	65
6	A transient reversal of miRNA-mediated repression controls macrophage activation. <i>EMBO Reports</i> , 2013, 14, 1008-1016.	4.5	61
7	The Evf2 Ultraconserved Enhancer lncRNA Functionally and Spatially Organizes Megabase Distant Genes in the Developing Forebrain. <i>Molecular Cell</i> , 2018, 71, 956-972.e9.	9.7	61
8	DBETH: A Database of Bacterial Exotoxins for Human. <i>Nucleic Acids Research</i> , 2012, 40, D615-D620.	14.5	53
9	A survey on prediction of specificity-determining sites in proteins. <i>Briefings in Bioinformatics</i> , 2015, 16, 71-88.	6.5	52
10	SPEER-SERVER: a web server for prediction of protein specificity determining sites. <i>Nucleic Acids Research</i> , 2012, 40, W242-W248.	14.5	29
11	The role of 3D genome organization in disease: From compartments to single nucleotides. <i>Seminars in Cell and Developmental Biology</i> , 2019, 90, 104-113.	5.0	29
12	Functional and Structural Analyses of CYP1B1 Variants Linked to Congenital and Adult-Onset Glaucoma to Investigate the Molecular Basis of These Diseases. <i>PLoS ONE</i> , 2016, 11, e0156252.	2.5	26
13	A Novel Role for Protein Kinase Kin2 in Regulating <i>HAC1</i> mRNA Translocation, Splicing, and Translation. <i>Molecular and Cellular Biology</i> , 2015, 35, 199-210.	2.3	16
14	Replication timing networks reveal a link between transcription regulatory circuits and replication timing control. <i>Genome Research</i> , 2019, 29, 1415-1428.	5.5	12
15	Conformational Adaptation in the <i>E. coli</i> Sigma 32 Protein in Response to Heat Shock. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4793-4802.	2.6	9
16	PresRAT: a server for identification of bacterial small-RNA sequences and their targets with probable binding region. <i>RNA Biology</i> , 2021, 18, 1152-1159.	3.1	9
17	HBV quasispecies composition in Lamivudine-failed chronic hepatitis B patients and its influence on virological response to Tenofovir-based rescue therapy. <i>Scientific Reports</i> , 2017, 7, 44742.	3.3	6
18	Butyrate-Induced <i>In Vitro</i> Colonocyte Differentiation Network Model Identifies <i>ITGB1</i> , <i>SYK</i> , <i>CDKN2A</i> , <i>CHAF1A</i> , and <i>LRP1</i> as the Prognostic Markers for Colorectal Cancer Recurrence. <i>Nutrition and Cancer</i> , 2019, 71, 257-271.	2.0	6

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19	Sox2- <i>Evf2</i> lncRNA-mediated mechanisms of chromosome topological control in developing forebrain. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	6
20	Identification of internalin-A-like virulent proteins in <i>Leishmania donovani</i> . <i>Parasites and Vectors</i> , 2016, 9, 557.	2.5	5
21	Binding mode analysis of a major <i>T</i> ³ <i>SS</i> translocator protein <i>P</i> _{op} <i>B</i> with its chaperone <i>P</i> _{cr} <i>H</i> from <i>Pseudomonas aeruginosa</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 3273-3285.	2.6	4
22	The cap-proximal RNA secondary structure inhibits preinitiation complex formation on HAC1 mRNA. <i>Journal of Biological Chemistry</i> , 2022, 298, 101648.	3.4	4
23	ExTraMapper: exon- and transcript-level mappings for orthologous gene pairs. <i>Bioinformatics</i> , 2021, 37, 3412-3420.	4.1	3
24	Enhanced basepair dynamics pre-disposes protein-assisted flips of key bases in DNA strand separation during transcription initiation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9449-9459.	2.8	2
25	Identification of <i>cis</i> Elements for Spatio-temporal Control of DNA Replication. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
26	GENE-15. TARGETING OF EPENDYMOMA AS INFORMED BY ONCOGENIC 3D GENOME ORGANIZATION. <i>Neuro-Oncology</i> , 2019, 21, vi100-vi100.	1.2	0
27	The <i>Evf2</i> enhancer long noncoding RNA regulates enhancer interactions across megabase distances. <i>FASEB Journal</i> , 2018, 32, 525.19.	0.5	0
28	EPEN-04. ONCOGENIC 3D TUMOR GENOME ORGANIZATION IDENTIFIES NEW THERAPEUTIC TARGETS IN EPENDYMOMA. <i>Neuro-Oncology</i> , 2020, 22, iii308-iii308.	1.2	0
29	EPEN-18. Oncogenic 3D genome conformations identify novel therapeutic targets in ependymoma. <i>Neuro-Oncology</i> , 2022, 24, i42-i42.	1.2	0