Sanjiban Chakrabarty

List of Publications by Year
in descending order

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40 papers	1,016 citations	471371 17 h-index	477173 29 g-index
46 all docs	46 docs citations	46 times ranked	1423 citing authors

#	Article	IF	Citations
1	Clustered miRNAs and their role in biological functions and diseases. Biological Reviews, 2018, 93, 1955-1986.	4.7	241
2	A comprehensive review on the carcinogenic potential of bisphenol A: clues and evidence. Environmental Science and Pollution Research, 2021, 28, 19643-19663.	2.7	63
3	The emerging role of miRNA clusters in breast cancer progression. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188413.	3.3	49
4	Aberrant gene-specific DNA methylation signature analysis in cervical cancer. Tumor Biology, 2017, 39, 101042831769457.	0.8	45
5	DNA methylation analysis of phenotype specific stratified Indian population. Journal of Translational Medicine, 2015, 13, 151.	1.8	43
6	Cluster miRNAs and cancer: Diagnostic, prognostic and therapeutic opportunities. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1563.	3.2	41
7	Loss of nuclear DNA ligase III reverts PARP inhibitor resistance in BRCA1/53BP1 double-deficient cells by exposing ssDNA gaps. Molecular Cell, 2021, 81, 4692-4708.e9.	4.5	40
8	Targeted sequencing-based analyses of candidate gene variants in ulcerative colitis-associated colorectal neoplasia. British Journal of Cancer, 2017, 117, 136-143.	2.9	29
9	Host and MTB genome encoded miRNA markers for diagnosis of tuberculosis. Tuberculosis, 2019, 116, 37-43.	0.8	29
10	Biallelic variants in LIG3 cause a novel mitochondrial neurogastrointestinal encephalomyopathy. Brain, 2021, 144, 1451-1466.	3.7	28
11	Microbial Community Distribution and Core Microbiome in Successive Wound Grades of Individuals with Diabetic Foot Ulcers. Applied and Environmental Microbiology, 2020, 86, .	1.4	27
12	Contribution of nuclear and mitochondrial gene mutations in mitochondrial encephalopathy, lactic acidosis, and stroke-like episodes (MELAS) syndrome. Journal of Neurology, 2021, 268, 2192-2207.	1.8	27
13	Upregulation of TFAM and mitochondria copy number in human lymphoblastoid cells. Mitochondrion, 2014, 15, 52-58.	1.6	26
14	The revolution of PDMS microfluidics in cellular biology. Critical Reviews in Biotechnology, 2023, 43, 465-483.	5.1	24
15	Enumeration of deregulated miRNAs in liquid and tissue biopsies of cervical cancer. Gynecologic Oncology, 2019, 155, 135-143.	0.6	22
16	Copy number variations are progressively associated with the pathogenesis of colorectal cancer in ulcerative colitis. World Journal of Gastroenterology, 2015, 21, 616.	1.4	19
17	A Microfluidic Cancer-on-Chip Platform Predicts Drug Response Using Organotypic Tumor Slice Culture. Cancer Research, 2022, 82, 510-520.	0.4	18
18	Comparative analysis of copy number variations in ulcerative colitis associated and sporadic colorectal neoplasia. BMC Cancer, 2016, 16, 271.	1.1	17

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19	The Role of Calcium Signaling in Regulation of Epithelial-Mesenchymal Transition. Cells Tissues Organs, 2022, 211, 134-156.	1.3	13
20	Expression analysis and function of mitochondrial genome-encoded microRNAs. Journal of Cell Science, 2022, 135, .	1.2	13
21	Placental mitochondrial DNA mutations and copy numbers in intrauterine growth restricted (IUGR) pregnancy. Mitochondrion, 2020, 55, 85-94.	1.6	12
22	Organ-on-Chip platforms to study tumor evolution and chemosensitivity. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188717.	3.3	12
23	Whole mitochondria genome mutational spectrum in occupationally exposed lead subjects. Mitochondrion, 2019, 48, 60-66.	1.6	11
24	Mitochondrial DNA replication and repair defects: Clinical phenotypes and therapeutic interventions. Biochimica Et Biophysica Acta - Bioenergetics, 2022, 1863, 148554.	0.5	11
25	Relevance and actionable mutational spectrum in oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2020, 49, 427-434.	1.4	10
26	Analysis of Nuclear Encoded Mitochondrial Gene Networks in Cervical Cancer. Asian Pacific Journal of Cancer Prevention, 2021, 22, 1799-1811.	0.5	9
27	Regulation of mitochondrial function by forkhead transcription factors. Biochimie, 2022, 198, 96-108.	1.3	9
28	Perspectives on Translational Genomics and Public Health in India. Public Health Genomics, 2016, 19, 61-68.	0.6	8
29	DOC2B is a negative regulator of Wnt/Î²-catenin signaling pathway in cervical cancer. Pharmacological Research, 2022, 180, 106239.	3.1	7
30	Spastizin mutation in hereditary spastic paraplegia with thin corpus callosum. Journal of Neurology, 2016, 263, 2130-2132.	1.8	6
31	DNA methylation detection at single base resolution using targeted next generation bisulfite sequencing and cross validation using capillary sequencing. Gene, 2016, 594, 259-267.	1.0	6
32	Genotypic detection of fluoroquinolone resistance in drug-resistant Mycobacterium tuberculosis at a tertiary care centre in south Coastal Karnataka, India. Journal of Global Antimicrobial Resistance, 2018, 13, 250-253.	0.9	6
33	Detection of mitochondrial dysfunction in vitro by laserâ€induced autofluorescence. Journal of Biophotonics, 2019, 12, e201900056.	1.1	6
34	Comprehensive DNA copy number profile and BAC library construction of an Indian individual. Gene, 2012, 500, 186-193.	1.0	4
35	Genome Sequence of a Burkholderia pseudomallei Clinical Isolate from a Patient with Community-Acquired Pneumonia and Septicemia. Genome Announcements, 2015, 3, .	0.8	3
36	Multiple genetic mutations implicate spectrum of phenotypes in Bardet-Biedl syndrome. Gene, 2020, 725, 144164.	1.0	3

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37	In silico analysis of HOX-associated transcription factors as potential regulators of oral cancer. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 132, 72-79.	0.2	3
38	In silico interaction of HOX clusterâ€embedded microRNAs and long nonâ€coding RNAs in oral cancer. Journal of Oral Pathology and Medicine, 2021, , .	1.4	2
39	DINAXâ€“ a comprehensive database of inherited ataxias. Computers in Biology and Medicine, 2020, 126, 104000.	3.9	0
40	Advances in mitochondrial medicine and translational research. Mitochondrion, 2021, 61, 62-68.	1.6	0