

# Sanjiban Chakrabarty

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The revolution of PDMS microfluidics in cellular biology. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 465-483.	5.1	24
2	The Role of Calcium Signaling in Regulation of Epithelial-Mesenchymal Transition. <i>Cells Tissues Organs</i> , 2022, 211, 134-156.	1.3	13
3	Expression analysis and function of mitochondrial genome-encoded microRNAs. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	13
4	Organ-on-Chip platforms to study tumor evolution and chemosensitivity. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188717.	3.3	12
5	Mitochondrial DNA replication and repair defects: Clinical phenotypes and therapeutic interventions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148554.	0.5	11
6	Regulation of mitochondrial function by forkhead transcription factors. <i>Biochimie</i> , 2022, 198, 96-108.	1.3	9
7	A Microfluidic Cancer-on-Chip Platform Predicts Drug Response Using Organotypic Tumor Slice Culture. <i>Cancer Research</i> , 2022, 82, 510-520.	0.4	18
8	DOC2B is a negative regulator of Wnt/ $\beta$ -catenin signaling pathway in cervical cancer. <i>Pharmacological Research</i> , 2022, 180, 106239.	3.1	7
9	Contribution of nuclear and mitochondrial gene mutations in mitochondrial encephalopathy, lactic acidosis, and stroke-like episodes (MELAS) syndrome. <i>Journal of Neurology</i> , 2021, 268, 2192-2207.	1.8	27
10	A comprehensive review on the carcinogenic potential of bisphenol A: clues and evidence. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19643-19663.	2.7	63
11	Biallelic variants in <i>LIG3</i> cause a novel mitochondrial neurogastrointestinal encephalomyopathy. <i>Brain</i> , 2021, 144, 1451-1466.	3.7	28
12	Analysis of Nuclear Encoded Mitochondrial Gene Networks in Cervical Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1799-1811.	0.5	9
13	In silico analysis of HOX-associated transcription factors as potential regulators of oral cancer. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, 132, 72-79.	0.2	3
14	In silico interaction of HOX cluster-embedded microRNAs and long non-coding RNAs in oral cancer. <i>Journal of Oral Pathology and Medicine</i> , 2021, , .	1.4	2
15	Advances in mitochondrial medicine and translational research. <i>Mitochondrion</i> , 2021, 61, 62-68.	1.6	0
16	Loss of nuclear DNA ligase III reverts PARP inhibitor resistance in BRCA1/53BP1 double-deficient cells by exposing ssDNA gaps. <i>Molecular Cell</i> , 2021, 81, 4692-4708.e9.	4.5	40
17	Cluster miRNAs and cancer: Diagnostic, prognostic and therapeutic opportunities. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1563.	3.2	41
18	Multiple genetic mutations implicate spectrum of phenotypes in Bardet-Biedl syndrome. <i>Gene</i> , 2020, 725, 144164.	1.0	3

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19	Relevance and actionable mutational spectrum in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2020, 49, 427-434.	1.4	10
20	DINAXâ€“ a comprehensive database of inherited ataxias. <i>Computers in Biology and Medicine</i> , 2020, 126, 104000.	3.9	0
21	The emerging role of miRNA clusters in breast cancer progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188413.	3.3	49
22	Placental mitochondrial DNA mutations and copy numbers in intrauterine growth restricted (IUGR) pregnancy. <i>Mitochondrion</i> , 2020, 55, 85-94.	1.6	12
23	Microbial Community Distribution and Core Microbiome in Successive Wound Grades of Individuals with Diabetic Foot Ulcers. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	27
24	Detection of mitochondrial dysfunction in vitro by laserâ€“induced autofluorescence. <i>Journal of Biophotonics</i> , 2019, 12, e201900056.	1.1	6
25	Enumeration of deregulated miRNAs in liquid and tissue biopsies of cervical cancer. <i>Gynecologic Oncology</i> , 2019, 155, 135-143.	0.6	22
26	Host and MTB genome encoded miRNA markers for diagnosis of tuberculosis. <i>Tuberculosis</i> , 2019, 116, 37-43.	0.8	29
27	Whole mitochondria genome mutational spectrum in occupationally exposed lead subjects. <i>Mitochondrion</i> , 2019, 48, 60-66.	1.6	11
28	Genotypic detection of fluoroquinolone resistance in drug-resistant <i>Mycobacterium tuberculosis</i> at a tertiary care centre in south Coastal Karnataka, India. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 13, 250-253.	0.9	6
29	Clustered miRNAs and their role in biological functions and diseases. <i>Biological Reviews</i> , 2018, 93, 1955-1986.	4.7	241
30	Targeted sequencing-based analyses of candidate gene variants in ulcerative colitis-associated colorectal neoplasia. <i>British Journal of Cancer</i> , 2017, 117, 136-143.	2.9	29
31	Aberrant gene-specific DNA methylation signature analysis in cervical cancer. <i>Tumor Biology</i> , 2017, 39, 101042831769457.	0.8	45
32	Comparative analysis of copy number variations in ulcerative colitis associated and sporadic colorectal neoplasia. <i>BMC Cancer</i> , 2016, 16, 271.	1.1	17
33	Spastizin mutation in hereditary spastic paraplegia with thin corpus callosum. <i>Journal of Neurology</i> , 2016, 263, 2130-2132.	1.8	6
34	DNA methylation detection at single base resolution using targeted next generation bisulfite sequencing and cross validation using capillary sequencing. <i>Gene</i> , 2016, 594, 259-267.	1.0	6
35	Perspectives on Translational Genomics and Public Health in India. <i>Public Health Genomics</i> , 2016, 19, 61-68.	0.6	8
36	DNA methylation analysis of phenotype specific stratified Indian population. <i>Journal of Translational Medicine</i> , 2015, 13, 151.	1.8	43

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37	Copy number variations are progressively associated with the pathogenesis of colorectal cancer in ulcerative colitis. <i>World Journal of Gastroenterology</i> , 2015, 21, 616.	1.4	19
38	Genome Sequence of a <i>Burkholderia pseudomallei</i> Clinical Isolate from a Patient with Community-Acquired Pneumonia and Septicemia. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
39	Upregulation of TFAM and mitochondria copy number in human lymphoblastoid cells. <i>Mitochondrion</i> , 2014, 15, 52-58.	1.6	26
40	Comprehensive DNA copy number profile and BAC library construction of an Indian individual. <i>Gene</i> , 2012, 500, 186-193.	1.0	4