

# Kundan Sengupta

## List of Publications by Year in descending order

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32  
papers

1,808  
citations

471509

17  
h-index

477307

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3021  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studying the Role of Chromosomal Instability (CIN) in GI Cancers Using Patient-derived Organoids. <i>Journal of Molecular Biology</i> , 2022, 434, 167256.	4.2	3
2	Direct Demonstration of Seed Size-Dependent $\alpha$ -Synuclein Amyloid Amplification. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 6427-6438.	4.6	6
3	Role of A-type and B-type lamins in nuclear structure-function relationships. <i>Biology of the Cell</i> , 2021, 113, 295-310.	2.0	14
4	A Novel cis Regulatory Element Regulates Human XIST in a CTCF-Dependent Manner. <i>Molecular and Cellular Biology</i> , 2021, 41, e0038220.	2.3	3
5	Nup93 and CTCF modulate spatiotemporal dynamics and function of the HOXA gene locus during differentiation. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	10
6	Lamin A/C modulates spatial organization and function of the Hsp70 gene locus via Nuclear Myosin I (NM1). <i>Journal of Cell Science</i> , 2020, 133, .	2.0	13
7	Twist1 induces chromosomal instability (CIN) in colorectal cancer cells. <i>Human Molecular Genetics</i> , 2020, 29, 1673-1688.	2.9	16
8	Lamin A/C and Emerin depletion impacts chromatin organization and dynamics in the interphase nucleus. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 11.	2.0	43
9	Imaging Chromosome Territory and Gene Loci Positions in Cells Grown on Soft Matrices. <i>Methods in Molecular Biology</i> , 2019, 2038, 181-197.	0.9	0
10	Genome 3D-architecture: Its plasticity in relation to function. <i>Journal of Biosciences</i> , 2018, 43, 417-419.	1.1	1
11	Nucleolin modulates compartmentalization and dynamics of histone 2B-ECFP in the nucleolus. <i>Nucleus</i> , 2018, 9, 350-367.	2.2	11
12	Emerin modulates spatial organization of chromosome territories in cells on softer matrices. <i>Nucleic Acids Research</i> , 2018, 46, 5561-5586.	14.5	24
13	Genome 3D-architecture: Its plasticity in relation to function. <i>Journal of Biosciences</i> , 2018, 43, 417-419.	1.1	0
14	Chromosomal aneuploidies induced upon Lamin B2 depletion are mislocalized in the interphase nucleus. <i>Chromosoma</i> , 2017, 126, 223-244.	2.2	24
15	Lamin B2 Modulates Nucleolar Morphology, Dynamics, and Function. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	40
16	A Small Molecule for Controlled Generation of Peroxynitrite. <i>Organic Letters</i> , 2016, 18, 1274-1277.	4.6	16
17	HOXA repression is mediated by nucleoporin Nup93 assisted by its interactors Nup188 and Nup205. <i>Epigenetics and Chromatin</i> , 2016, 9, 54.	3.9	46
18	A highly selective sulfinate ester probe for thiol bioimaging. <i>Chemical Communications</i> , 2014, 50, 11533-11535.	4.1	36

#	ARTICLE	IF	CITATIONS
19	Nitroreductase-activated nitric oxide (NO) prodrugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5964-5967.	2.2	43
20	INDQ/NO, a Bioreductively Activated Nitric Oxide Prodrug. <i>Organic Letters</i> , 2013, 15, 2636-2639.	4.6	59
21	Introduction of SV40ER and hTERT into mammospheres generates breast cancer cells with stem cell properties. <i>Oncogene</i> , 2012, 31, 1896-1909.	5.9	30
22	Genetic instability and mammary tumor formation in mice carrying mammary-specific disruption of Chk1 and p53. <i>Oncogene</i> , 2010, 29, 4007-4017.	5.9	43
23	Abstract 1964: Genetic instability and mammary tumor formation in mice carrying mammary-specific disruption of Chk1. , 2010, , .		0
24	Evaluating annotations of an Agilent expression chip suggests that many features cannot be interpreted. <i>BMC Genomics</i> , 2009, 10, 566.	2.8	8
25	Position of human chromosomes is conserved in mouse nuclei indicating a species-independent mechanism for maintaining genome organization. <i>Chromosoma</i> , 2008, 117, 499-509.	2.2	20
26	Impaired DNA Damage Response, Genome Instability, and Tumorigenesis in SIRT1 Mutant Mice. <i>Cancer Cell</i> , 2008, 14, 312-323.	16.8	715
27	Positional stability of single double-strand breaks in mammalian cells. <i>Nature Cell Biology</i> , 2007, 9, 675-682.	10.3	446
28	Expression pattern of <i>Drosophila</i> translin and behavioral analyses of the mutant. <i>European Journal of Cell Biology</i> , 2007, 86, 173-186.	3.6	20
29	Artificially Introduced Aneuploid Chromosomes Assume a Conserved Position in Colon Cancer Cells. <i>PLoS ONE</i> , 2007, 2, e199.	2.5	21
30	GTP-Induced Conformational Changes in Translin: A Comparison between Human and <i>Drosophila</i> Proteins. <i>Biochemistry</i> , 2006, 45, 861-870.	2.5	11
31	Tumor Formation via Loss of a Molecular Motor Protein. <i>Current Biology</i> , 2006, 16, 1559-1564.	3.9	56
32	Translin Binding to DNA: Recruitment through DNA Ends and Consequent Conformational Transitions. <i>Biochemistry</i> , 2002, 41, 15315-15326.	2.5	28