

# Sagar Sengupta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5441895/publications.pdf>

Version: 2024-02-01

54  
papers

4,131  
citations

172457

29  
h-index

168389

53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

6742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bile Acid Tethered Docetaxel-Based Nanomicelles Mitigate Tumor Progression through Epigenetic Changes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5394-5399.	13.8	13
2	Bile Acid Tethered Docetaxel-Based Nanomicelles Mitigate Tumor Progression through Epigenetic Changes. <i>Angewandte Chemie</i> , 2021, 133, 5454-5459.	2.0	0
3	Self-assembled supramolecular nanomicelles from a bile acid-docetaxel conjugate are highly tolerable with improved therapeutic efficacy. <i>Biomaterials Science</i> , 2021, 9, 5626-5639.	5.4	4
4	Functions of BLM Helicase in Cells: Is It Acting Like a Double-Edged Sword?. <i>Frontiers in Genetics</i> , 2021, 12, 634789.	2.3	41
5	MITOL-dependent ubiquitylation negatively regulates the entry of Pol $\beta$ into mitochondria. <i>PLoS Biology</i> , 2021, 19, e3001139.	5.6	14
6	CDX2 inducible microRNAs sustain colon cancer by targeting multiple DNA damage response pathway factors. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
7	Identification of colorectal cancers with defective DNA damage repair by immunohistochemical profiling of mismatch repair proteins, CDX2 and BRCA1. <i>Molecular and Clinical Oncology</i> , 2020, 13, 1-1.	1.0	5
8	<i>Mycobacterium tuberculosis</i> exploits host ATM kinase for survival advantage through SecA2 secretome. <i>ELife</i> , 2020, 9, .	6.0	10
9	Abrogation of FBW7-dependent p53 degradation enhances p53's function as a tumor suppressor. <i>Journal of Biological Chemistry</i> , 2019, 294, 13224-13232.	3.4	22
10	A Localized Chimeric Hydrogel Therapy Combats Tumor Progression through Alteration of Sphingolipid Metabolism. <i>ACS Central Science</i> , 2019, 5, 1648-1662.	11.3	32
11	MRN complex-dependent recruitment of ubiquitylated BLM helicase to DSBs negatively regulates DNA repair pathways. <i>Nature Communications</i> , 2018, 9, 1016.	12.8	54
12	BLM Potentiates c-Jun Degradation and Alters Its Function as an Oncogenic Transcription Factor. <i>Cell Reports</i> , 2018, 24, 947-961.e7.	6.4	19
13	Tethering of Chemotherapeutic Drug/Imaging Agent to Bile Acid-Phospholipid Increases the Efficacy and Bioavailability with Reduced Hepatotoxicity. <i>Bioconjugate Chemistry</i> , 2017, 28, 2942-2953.	3.6	16
14	Molecular Self-Assembly of Bile Acid-Phospholipids Controls the Delivery of Doxorubicin and Mice Survivability. <i>Molecular Pharmaceutics</i> , 2017, 14, 2649-2659.	4.6	7
15	Mitotic phosphorylation of Bloom helicase at Thr182 is required for its proteasomal degradation and maintenance of chromosomal stability. <i>Oncogene</i> , 2016, 35, 1025-1038.	5.9	19
16	Mitochondrial functions of RECQL4 are required for the prevention of aerobic glycolysis dependent cell invasion. <i>Journal of Cell Science</i> , 2016, 129, 1312-8.	2.0	13
17	CPT-11/bevacizumab for the treatment of refractory brain metastases in patients with HER2-neu-positive breast cancer. <i>Oxford Medical Case Reports</i> , 2015, 2015, 254-257.	0.4	6
18	Synthesis, structure-activity relationship, and mechanistic investigation of lithocholic acid amphiphiles for colon cancer therapy. <i>MedChemComm</i> , 2015, 6, 192-201.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Phosphorylation of nucleoporin Tpr governs its differential localization and is required for its mitotic function. <i>Journal of Cell Science</i> , 2014, 127, 3505-3520.	2.0	29
20	RECQL4 and p53 potentiate the activity of polymerase $\delta$ and maintain the integrity of the human mitochondrial genome. <i>Carcinogenesis</i> , 2014, 35, 34-45.	2.8	55
21	Injectable small molecule hydrogel as a potential nanocarrier for localized and sustained in vivo delivery of doxorubicin. <i>Nanoscale</i> , 2014, 6, 12849-12855.	5.6	75
22	Design, Synthesis, and Mechanistic Investigations of Bile Acid-Tamoxifen Conjugates for Breast Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2013, 24, 1468-1484.	3.6	42
23	Ubiquitin-dependent recruitment of the Bloom Syndrome helicase upon replication stress is required to suppress homologous recombination. <i>EMBO Journal</i> , 2013, 32, 1778-1792.	7.8	46
24	Inositol Pyrophosphate Synthesis by Inositol Hexakisphosphate Kinase 1 Is Required for Homologous Recombination Repair. <i>Journal of Biological Chemistry</i> , 2013, 288, 3312-3321.	3.4	42
25	Inertial Focusing for Tumor Antigen-Dependent and -Independent Sorting of Rare Circulating Tumor Cells. <i>Science Translational Medicine</i> , 2013, 5, 179ra47.	12.4	910
26	Enhancement of c-Myc degradation by Bloom (BLM) helicase leads to delayed tumor initiation. <i>Journal of Cell Science</i> , 2013, 126, 3782-95.	2.0	21
27	Cholesterol-tethered platinum II-based supramolecular nanoparticle increases antitumor efficacy and reduces nephrotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11294-11299.	7.1	121
28	RECQL4 is essential for the transport of p53 to mitochondria in normal human cells in the absence of exogenous stress. <i>Journal of Cell Science</i> , 2012, 125, 2509-22.	2.0	88
29	Mammalian proapoptotic factor ChaC1 and its homologues function as $\gamma$ -glutamyl cyclotransferases acting specifically on glutathione. <i>EMBO Reports</i> , 2012, 13, 1095-1101.	4.5	164
30	Time to Bloom. <i>Genome Integrity</i> , 2010, 1, 14.	1.0	31
31	Chk1-Dependent Constitutive Phosphorylation of BLM Helicase at Serine 646 Decreases after DNA Damage. <i>Molecular Cancer Research</i> , 2010, 8, 1234-1247.	3.4	22
32	Nanoparticle-mediated targeting of MAPK signaling predisposes tumor to chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7957-7961.	7.1	116
33	BLM helicase stimulates the ATPase and chromatin-remodeling activities of RAD54. <i>Journal of Cell Science</i> , 2009, 122, 3093-3103.	2.0	30
34	The Med8 mediator subunit interacts with the Rpb4 subunit of RNA polymerase II and Ace2 transcriptional activator in <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 2009, 583, 3115-3120.	2.8	14
35	ING2 controls the progression of DNA replication forks to maintain genome stability. <i>EMBO Reports</i> , 2009, 10, 1168-1174.	4.5	33
36	BLM helicase-dependent and -independent roles of 53BP1 during replication stress-mediated homologous recombination. <i>Journal of Cell Biology</i> , 2007, 178, 9-14.	5.2	47

#	ARTICLE	IF	CITATIONS
37	Phosphorylation-dependent interactions of BLM and 53BP1 are required for their anti-recombinogenic roles during homologous recombination. <i>Carcinogenesis</i> , 2007, 29, 52-61.	2.8	37
38	p53: traffic cop at the crossroads of DNA repair and recombination. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 44-55.	37.0	478
39	Tumor suppressor p53 represses transcription of RECQ4 helicase. <i>Oncogene</i> , 2005, 24, 1738-1748.	5.9	75
40	BLM Helicase Facilitates Mus81 Endonuclease Activity in Human Cells. <i>Cancer Research</i> , 2005, 65, 2526-2531.	0.9	47
41	ING2 Regulates the Onset of Replicative Senescence by Induction of p300-Dependent p53 Acetylation. <i>Molecular and Cellular Biology</i> , 2005, 25, 6639-6648.	2.3	116
42	Functional interaction between BLM helicase and 53BP1 in a Chk1-mediated pathway during S-phase arrest. <i>Journal of Cell Biology</i> , 2004, 166, 801-813.	5.2	118
43	The mismatch DNA repair heterodimer, hMSH2/6, regulates BLM helicase. <i>Oncogene</i> , 2004, 23, 3749-3756.	5.9	66
44	Physiological and Pathological Consequences of the Interactions of the p53 Tumor Suppressor with the Glucocorticoid, Androgen, and Estrogen Receptors. <i>Annals of the New York Academy of Sciences</i> , 2004, 1024, 54-71.	3.8	69
45	p53-Induced Up-Regulation of MnSOD and GPx but not Catalase Increases Oxidative Stress and Apoptosis. <i>Cancer Research</i> , 2004, 64, 2350-2356.	0.9	326
46	BLM helicase-dependent transport of p53 to sites of stalled DNA replication forks modulates homologous recombination. <i>EMBO Journal</i> , 2003, 22, 1210-1222.	7.8	196
47	p53 interacts with hRAD51 and hRAD54, and directly modulates homologous recombination. <i>Cancer Research</i> , 2003, 63, 2596-605.	0.9	133
48	The p53 tumour suppressor inhibits glucocorticoid-induced proliferation of erythroid progenitors. <i>EMBO Reports</i> , 2002, 3, 569-574.	4.5	35
49	Ligand-dependent interaction of the glucocorticoid receptor with p53 enhances their degradation by Hdm2. <i>Genes and Development</i> , 2001, 15, 2367-2380.	5.9	108
50	Tumour regression in a ligand inducible manner mediated by a chimeric tumour suppressor derived from p53. <i>Oncogene</i> , 2000, 19, 337-350.	5.9	6
51	Negative cross-talk between p53 and the glucocorticoid receptor and its role in neuroblastoma cells. <i>EMBO Journal</i> , 2000, 19, 6051-6064.	7.8	90
52	A novel autophosphorylation mediated regulation of nitrite reductase in <i>Candida utilis</i> . <i>FEBS Letters</i> , 1997, 416, 51-56.	2.8	6
53	In vitro and in vivo regulation of assimilatory nitrite reductase from <i>Candida utilis</i> . <i>Archives of Microbiology</i> , 1997, 168, 215-224.	2.2	7
54	Purification and characterization of assimilatory nitrite reductase from <i>Candida utilis</i> . <i>Biochemical Journal</i> , 1996, 317, 147-155.	3.7	27