

Santanu Dasgupta

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

2,569
citations

26
h-index

50
g-index

67
ext. papers

3,009
ext. citations

5.8
avg, IF

4.83
L-index

#	Paper	IF	Citations
65	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015 , 35 Suppl, S276-S304	12.7	179
64	Genomic instability in human cancer: Molecular insights and opportunities for therapeutic attack and prevention through diet and nutrition. <i>Seminars in Cancer Biology</i> , 2015 , 35 Suppl, S5-S24	12.7	175
63	Targeting the Bcl-2 family for cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 61-75	6.4	168
62	Targeting Mcl-1 for the therapy of cancer. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 1397-411	5.9	150
61	Mitochondrial subversion in cancer. <i>Cancer Prevention Research</i> , 2011 , 4, 638-54	3.2	135
60	Inhibition of NK cell activity through TGF-beta 1 by down-regulation of NKG2D in a murine model of head and neck cancer. <i>Journal of Immunology</i> , 2005 , 175, 5541-50	5.3	120
59	An epigenetic marker panel for detection of lung cancer using cell-free serum DNA. <i>Clinical Cancer Research</i> , 2011 , 17, 4494-503	12.9	107
58	Mitochondrial cytochrome B gene mutation promotes tumor growth in bladder cancer. <i>Cancer Research</i> , 2008 , 68, 700-6	10.1	92
57	Exosomes in Human Breast Milk Promote EMT. <i>Clinical Cancer Research</i> , 2016 , 22, 4517-24	12.9	90
56	Human Papilloma Virus-Associated Cervical Cancer and Health Disparities. <i>Cells</i> , 2019 , 8,	7.9	86
55	MDA-7/IL-24: multifunctional cancer killing cytokine. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 818, 127-53	3.6	84
54	AEG-1/MTDH/LYRIC: signaling pathways, downstream genes, interacting proteins, and regulation of tumor angiogenesis. <i>Advances in Cancer Research</i> , 2013 , 120, 75-111	5.9	75
53	MDA-9/syntenin and IGFBP-2 promote angiogenesis in human melanoma. <i>Cancer Research</i> , 2013 , 73, 844-54	10.1	67
52	Aberrant promoter methylation of multiple genes during pathogenesis of bladder cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 2786-94	4	67
51	Mitochondrial DNA mutations in respiratory complex-I in never-smoker lung cancer patients contribute to lung cancer progression and associated with EGFR gene mutation. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2451-60	7	59
50	MDA-9/syntenin: a positive gatekeeper of melanoma metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2012 , 17, 1-15	2.8	51
49	Novel role of MDA-9/syntenin in regulating urothelial cell proliferation by modulating EGFR signaling. <i>Clinical Cancer Research</i> , 2013 , 19, 4621-33	12.9	48

48	MDA-9/syntenin is a key regulator of glioma pathogenesis. <i>Neuro-Oncology</i> , 2014 , 16, 50-61	1	47
47	Mitochondrial DNA mutation in normal margins and tumors of recurrent head and neck squamous cell carcinoma patients. <i>Cancer Prevention Research</i> , 2010 , 3, 1205-11	3.2	44
46	Profiling the expression pattern of GPI transamidase complex subunits in human cancer. <i>Modern Pathology</i> , 2008 , 21, 979-91	9.8	40
45	Novel mechanism of MDA-7/IL-24 cancer-specific apoptosis through SARI induction. <i>Cancer Research</i> , 2014 , 74, 563-74	10.1	36
44	The Landscape of mtDNA Modifications in Cancer: A Tale of Two Cities. <i>Frontiers in Oncology</i> , 2017 , 7, 262	5.3	35
43	Tumor metastasis in an orthotopic murine model of head and neck cancer: possible role of TGF-beta 1 secreted by the tumor cells. <i>Journal of Cellular Biochemistry</i> , 2006 , 97, 1036-51	4.7	33
42	Mitochondrial Reprogramming Regulates Breast Cancer Progression. <i>Clinical Cancer Research</i> , 2016 , 22, 3348-60	12.9	30
41	Complex-I Alteration and Enhanced Mitochondrial Fusion Are Associated With Prostate Cancer Progression. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1364-74	7	29
40	Forced cytochrome B gene mutation expression induces mitochondrial proliferation and prevents apoptosis in human uroepithelial SV-HUC-1 cells. <i>International Journal of Cancer</i> , 2009 , 125, 2829-35	7.5	26
39	Following mitochondrial footprints through a long mucosal path to lung cancer. <i>PLoS ONE</i> , 2009 , 4, e65337	3.7	26
38	Identification of molecular targets for immunotherapy of patients with head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2006 , 42, 306-16	4.4	25
37	Genetic Mutation and Exosome Signature of Human Papilloma Virus Associated Oropharyngeal Cancer. <i>Scientific Reports</i> , 2017 , 7, 46102	4.9	23
36	SH3GL2 is frequently deleted in non-small cell lung cancer and downregulates tumor growth by modulating EGFR signaling. <i>Journal of Molecular Medicine</i> , 2013 , 91, 381-93	5.5	23
35	Genome-wide analysis of genetic alterations in testicular primary seminoma using high resolution single nucleotide polymorphism arrays. <i>Genomics</i> , 2011 , 97, 341-9	4.3	23
34	Genetic and epigenetic analysis of erbB signaling pathway genes in lung cancer. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 1887-93	8.9	23
33	MDA-9/Syntenin regulates differentiation and angiogenesis programs in head and neck squamous cell carcinoma. <i>Oncoscience</i> , 2014 , 1, 725-737	0.8	22
32	Mitochondria in chronic obstructive pulmonary disease and lung cancer: where are we now?. <i>Biomarkers in Medicine</i> , 2017 , 11, 475-489	2.3	21
31	Identification of guanine nucleotide-binding protein $\beta\gamma$ as an epigenetically silenced gene in head and neck cancer by gene expression profiling. <i>International Journal of Oncology</i> , 2013 , 42, 1427-36	4.4	21

30	Recombinant vaccinia virus expressing interleukin-2 invokes anti-tumor cellular immunity in an orthotopic murine model of head and neck squamous cell carcinoma. <i>Molecular Therapy</i> , 2006 , 13, 183-93	11.7	21
29	Detection of mitochondrial deoxyribonucleic acid alterations in urine from urothelial cell carcinoma patients. <i>International Journal of Cancer</i> , 2012 , 131, 158-64	7.5	19
28	Microsatellite instability in squamous cell carcinoma of head and neck from the Indian patient population. <i>International Journal of Cancer</i> , 2001 , 92, 555-61	7.5	19
27	Deletion in chromosome 11 and Bcl-1/Cyclin D1 alterations are independently associated with the development of uterine cervical carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2005 , 131, 395-406	4.9	18
26	Mitochondrial fusion and fission: The fine-tune balance for cellular homeostasis. <i>FASEB Journal</i> , 2021 , 35, e21620	0.9	18
25	Emerging strategies for the early detection and prevention of head and neck squamous cell cancer. <i>Journal of Cellular Physiology</i> , 2012 , 227, 467-73	7	17
24	Recombinant vaccinia virus expressing IL-2 generates effective anti-tumor responses in an orthotopic murine model of head and neck carcinoma. <i>Molecular Therapy</i> , 2003 , 8, 238-48	11.7	15
23	Differential deletions in 3p are associated with the development of head and neck squamous cell carcinoma in Indian patients. <i>Cancer Genetics and Cytogenetics</i> , 2003 , 146, 130-8		15
22	Selected approaches for rational drug design and high throughput screening to identify anti-cancer molecules. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 1143-55	2.2	13
21	Exosome secretome and mediated signaling in breast cancer patients with nontuberculous mycobacterial disease. <i>Oncotarget</i> , 2017 , 8, 18070-18081	3.3	12
20	MDA-9/Syntenin Control. <i>Journal of Cellular Physiology</i> , 2016 , 231, 545-50	7	12
19	Cancer Testis Antigen Promotes Triple Negative Breast Cancer Metastasis and is Traceable in the Circulating Extracellular Vesicles. <i>Scientific Reports</i> , 2019 , 9, 11632	4.9	11
18	Human polynucleotide phosphorylase (hPNPase old-35): should I eat you or not--that is the question?. <i>Advances in Cancer Research</i> , 2013 , 119, 161-90	5.9	10
17	Expression patterns of MDA-9/syntenin during development of the mouse embryo. <i>Journal of Molecular Histology</i> , 2013 , 44, 159-66	3.3	10
16	Mitochondrion: I am more than a fuel server. <i>Annals of Translational Medicine</i> , 2019 , 7, 594	3.2	10
15	Identification of genes potentially regulated by human polynucleotide phosphorylase (hPNPase old-35) using melanoma as a model. <i>PLoS ONE</i> , 2013 , 8, e76284	3.7	9
14	Cellular and Molecular Progression of Prostate Cancer: Models for Basic and Preclinical Research. <i>Cancers</i> , 2020 , 12,	6.6	9
13	Microbiome Diversity in Sputum of Nontuberculous Mycobacteria Infected Women with a History of Breast Cancer. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 263-279	3.9	8

12	Comprehensive Analysis of Expression, Clinicopathological Association and Potential Prognostic Significance of RABs in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
11	Genetic alterations (amplification and rearrangement) of D-type cyclins loci in head and neck squamous cell carcinoma of Indian patients: prognostic significance and clinical implications. <i>Diagnostic Molecular Pathology</i> , 2006 , 15, 7-16		6
10	Sputum Detection of Predisposing Genetic Mutations in Women with Pulmonary Nontuberculous Mycobacterial Disease. <i>Scientific Reports</i> , 2018 , 8, 11336	4.9	5
9	A single nucleotide polymorphism in the human PIGK gene associates with low PIGK expression in colorectal cancer patients. <i>International Journal of Oncology</i> , 2012 , 41, 1405-10	4.4	5
8	High-performance detection of somatic D-loop mutation in urothelial cell carcinoma patients by polymorphism ratio sequencing. <i>Journal of Molecular Medicine</i> , 2016 , 94, 1015-24	5.5	5
7	Platinum-resistant ovarian cancer: From drug resistance mechanisms to liquid biopsy-based biomarkers for disease management. <i>Seminars in Cancer Biology</i> , 2021 , 77, 99-109	12.7	5
6	Human Milk and Matched Serum Demonstrate Concentration of Select miRNAs. <i>Breastfeeding Medicine</i> , 2017 , 12, 63-66	2.1	2
5	Cervical Cancer Prevention in Racially Disparate Rural Populations. <i>Medicines (Basel, Switzerland)</i> , 2019 , 6,	4.1	2
4	Evolutionary dynamics of Polynucleotide phosphorylases. <i>Molecular Phylogenetics and Evolution</i> , 2014 , 73, 77-86	4.1	2
3	Clinicopathologic significance and race-specific prognostic association of MYB overexpression in ovarian cancer. <i>Scientific Reports</i> , 2021 , 11, 12901	4.9	2
2	Expression of the Extracellular Matrix Protein Tenascin-C Varies During Lactation. <i>Breastfeeding Medicine</i> , 2016 , 11, 86-90	2.1	1
1	Current and Futuristic Roadmap of Ovarian Cancer Management: An Overview. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1330, 1-19	3.6	0