

# Sumanta Goswami

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

5,181  
citations

218677

26  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

7517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Visualization of Macrophage-Assisted Tumor Cell Intravasation in Mammary Tumors. <i>Cancer Research</i> , 2007, 67, 2649-2656.	0.9	940
2	Macrophages Promote the Invasion of Breast Carcinoma Cells via a Colony-Stimulating Factor-1/Epidermal Growth Factor Paracrine Loop. <i>Cancer Research</i> , 2005, 65, 5278-5283.	0.9	660
3	Cancer stem cells from human breast tumors are involved in spontaneous metastases in orthotopic mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18115-18120.	7.1	408
4	Identification and Testing of a Gene Expression Signature of Invasive Carcinoma Cells within Primary Mammary Tumors. <i>Cancer Research</i> , 2004, 64, 8585-8594.	0.9	399
5	Impairment of BRCA1-Related DNA Double-Strand Break Repair Leads to Ovarian Aging in Mice and Humans. <i>Science Translational Medicine</i> , 2013, 5, 172ra21.	12.4	384
6	Tumor cells caught in the act of invading: their strategy for enhanced cell motility. <i>Trends in Cell Biology</i> , 2005, 15, 138-145.	7.9	248
7	A Mena Invasion Isoform Potentiates EGF-Induced Carcinoma Cell Invasion and Metastasis. <i>Developmental Cell</i> , 2008, 15, 813-828.	7.0	242
8	The activity status of cofilin is directly related to invasion, intravasation, and metastasis of mammary tumors. <i>Journal of Cell Biology</i> , 2006, 173, 395-404.	5.2	236
9	Invasion of Human Breast Cancer Cells <i>in vivo</i> Requires Both Paracrine and Autocrine Loops Involving the Colony-Stimulating Factor-1 Receptor. <i>Cancer Research</i> , 2009, 69, 9498-9506.	0.9	188
10	Cofilin determines the migration behavior and turning frequency of metastatic cancer cells. <i>Journal of Cell Biology</i> , 2007, 179, 777-791.	5.2	167
11	Mena invasive (Mena <sup>INV</sup> ) promotes multicellular streaming motility and transendothelial migration in a mouse model of breast cancer. <i>Journal of Cell Science</i> , 2011, 124, 2120-2131.	2.0	163
12	Coordinated Regulation of Pathways for Enhanced Cell Motility and Chemotaxis Is Conserved in Rat and Mouse Mammary Tumors. <i>Cancer Research</i> , 2007, 67, 3505-3511.	0.9	155
13	Selective gene-expression profiling of migratory tumor cells <i>in vivo</i> predicts clinical outcome in breast cancer patients. <i>Breast Cancer Research</i> , 2012, 14, R139.	5.0	120
14	Identification of invasion specific splice variants of the cytoskeletal protein Mena present in mammary tumor cells during invasion <i>in vivo</i> . <i>Clinical and Experimental Metastasis</i> , 2009, 26, 153-159.	3.3	107
15	Interleukin-6 Mediated Autocrine Growth Promotion in Human Glioblastoma Multiforme Cell Line U87MG. <i>Journal of Neurochemistry</i> , 1998, 71, 1837-1845.	3.9	101
16	Invasive breast carcinoma cells from patients exhibit Mena <sup>INV</sup> - and macrophage-dependent transendothelial migration. <i>Science Signaling</i> , 2014, 7, ra112.	3.6	89
17	Differential Enhancement of Breast Cancer Cell Motility and Metastasis by Helical and Kinase Domain Mutations of Class IA Phosphoinositide 3-Kinase. <i>Cancer Research</i> , 2009, 69, 8868-8876.	0.9	73
18	Spectrum and Range of Oxidative Stress Responses of Human Lens Epithelial Cells to H <sub>2</sub> O <sub>2</sub> Insult. <i>Investigative Ophthalmology and Visual Science</i> , 2003, 44, 2084-2093.	3.3	68

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19	The distinct roles of Ras and Rac in PI 3-kinase-dependent protrusion during EGF-stimulated cell migration. <i>Journal of Cell Science</i> , 2007, 120, 3138-3146.	2.0	67
20	Mena invasive (Mena <sup>INV</sup> ) and Mena <sup>11a</sup> isoforms play distinct roles in breast cancer cell cohesion and association with TMEM. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 515-527.	3.3	66
21	Breast Cancer Cells Isolated by Chemotaxis from Primary Tumors Show Increased Survival and Resistance to Chemotherapy. <i>Cancer Research</i> , 2004, 64, 7664-7667.	0.9	57
22	Apoptosis Inhibitor ARC Promotes Breast Tumorigenesis, Metastasis, and Chemoresistance. <i>Cancer Research</i> , 2011, 71, 7705-7715.	0.9	53
23	Live tumor imaging shows macrophage induction and TMEM-mediated enrichment of cancer stem cells during metastatic dissemination. <i>Nature Communications</i> , 2021, 12, 7300.	12.8	53
24	Signatures of breast cancer metastasis at a glance. <i>Journal of Cell Science</i> , 2016, 129, 1751-8.	2.0	52
25	Age-Related Decline in DNA Repair Function Explains Diminished Ovarian Reserve, Earlier Menopause, and Possible Oocyte Vulnerability to Chemotherapy in Women With <i>BRCA</i> Mutations. <i>Journal of Clinical Oncology</i> , 2014, 32, 1093-1094.	1.6	34
26	HIF-2 $\alpha$ mediates a marked increase in migration and stemness characteristics in a subset of glioma cells under hypoxia by activating an Oct-4/Sox-2-Mena (INV) axis. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 74, 60-71.	2.8	29
27	The Application of Molecular Diagnostics to Stained Cytology Smears. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 407-415.	2.8	20
28	A method to compare the performance of two molecular diagnostic tools in the absence of a gold standard. <i>Statistical Methods in Medical Research</i> , 2019, 28, 419-431.	1.5	1
29	The impact of adjuvant breast cancer (BC) chemotherapy on ovarian reserve and menses.. <i>Journal of Clinical Oncology</i> , 2015, 33, 9522-9522.	1.6	1
30	The activity status of cofilin is directly related to invasion, intravasation, and metastasis of mammary tumors. <i>Journal of Experimental Medicine</i> , 2006, 203, i14-i14.	8.5	0