Sushanta K Banerjee

List of Publications by Year
in descending order

75	2,241	172457 29	233421 45
papers	citations	h-index	g-index

75	75	75	3099
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crocetin inhibits pancreatic cancer cell proliferation and tumor progression in a xenograft mouse model. Molecular Cancer Therapeutics, 2009, 8, 315-323.	4.1	112
2	Neuropilin-1 is differentially expressed in myoepithelial cells and vascular smooth muscle cells in preneoplastic and neoplastic human breast: A possible marker for the progression of breast cancer. International Journal of Cancer, 2002, 101, 409-414.	5.1	106
3	Cyr61/CCN1 signaling is critical for epithelial-mesenchymal transition and stemness and promotes pancreatic carcinogenesis. Molecular Cancer, 2011, 10, 8.	19.2	100
4	Breast cancer cells secreted platelet-derived growth factor-induced motility of vascular smooth muscle cells is mediated through neuropilin-1. Molecular Carcinogenesis, 2006, 45, 871-880.	2.7	79
5	Unfolded Protein Response Is Required in nu/nu Mice Microvasculature for Treating Breast Tumor with Tunicamycin. Journal of Biological Chemistry, 2011, 286, 29127-29138.	3.4	77
6	Protein PEGylation for cancer therapy: bench to bedside. Journal of Cell Communication and Signaling, 2019, 13, 319-330.	3.4	76
7	Cysteine-rich 61-Connective Tissue Growth Factor-nephroblastoma-overexpressed 5 (CCN5)/Wnt-1-induced Signaling Protein-2 (WISP-2) Regulates MicroRNA-10b via Hypoxia-inducible Factor-1Î±-TWIST Signaling Networks in Human Breast Cancer Cells. Journal of Biological Chemistry, 2011, 286, 43475-43485.	3.4	69
8	Aspirin blocks growth of breast tumor cells and tumor-initiating cells and induces reprogramming factors of mesenchymal to epithelial transition. Laboratory Investigation, 2015, 95, 702-717.	3.7	68
9	Loss of WISP-2/CCN5 signaling in human pancreatic cancer: A potential mechanism for epithelial-mesenchymal-transition. Cancer Letters, 2007, 254, 63-70.	7.2	66
10	CCN5/WISP-2 Expression in Breast Adenocarcinoma Is Associated with Less Frequent Progression of the Disease and Suppresses the Invasive Phenotypes of Tumor Cells. Cancer Research, 2008, 68, 7606-7612.	0.9	64
11	Tumor cell-derived PDGF-B potentiates mouse mesenchymal stem cells-pericytes transition and recruitment through an interaction with NRP-1. Molecular Cancer, 2010, 9, 209.	19.2	61
12	WISP-2 Gene in Human Breast Cancer: Estrogen and Progesterone Inducible Expression and Regulation of Tumor Cell Proliferation. Neoplasia, 2003, 5, 63-73.	5.3	59
13	Gain of Oncogenic Function of p53 Mutants Induces Invasive Phenotypes in Human Breast Cancer Cells by Silencing CCN5/WISP-2. Cancer Research, 2008, 68, 4580-4587.	0.9	54
14	Expression of Cdc2 and Cyclin B1 in Helicobacter pylori-Associated Gastric MALT and MALT Lymphoma. American Journal of Pathology, 2000, 156, 217-225.	3.8	53
15	Thombospondin-1 Disrupts Estrogen-Induced Endothelial Cell Proliferation and Migration and Its Expression Is Suppressed by Estradiol. Molecular Cancer Research, 2004, 2, 150-158.	3.4	51
16	VEGF-A₁₆₅ Induces Human Aortic Smooth Muscle Cell Migration by Activating Neuropilin-1-VEGFR1-PI3K Axis. Biochemistry, 2008, 47, 3345-3351.	2.5	50
17	The Matricellular Protein CCN1/Cyr61 Is a Critical Regulator of Sonic Hedgehog in Pancreatic Carcinogenesis. Journal of Biological Chemistry, 2012, 287, 38569-38579.	3.4	50
18	Leptin-induced ER-Î±-positive breast cancer cell viability and migration is mediated by suppressing CCN5-signaling via activating JAK/AKT/STAT-pathway. BMC Cancer, 2018, 18, 99.	2.6	47

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19	WISP-2: A Serum-Inducible Gene Differentially Expressed in Human Normal Breast Epithelial Cells and in MCF-7 Breast Tumor Cells. Biochemical and Biophysical Research Communications, 2001, 282, 421-425.	2.1	44
20	CCN5/WISP-2: A micromanager of breast cancer progression. Journal of Cell Communication and Signaling, 2012, 6, 63-71.	3.4	40
21	Modulation of Cell-Cycle Regulatory Signaling Network by 2-Methoxyestradiol in Prostate Cancer Cells Is Mediated through Multiple Signal Transduction Pathways. Biochemistry, 2006, 45, 3703-3713.	2.5	39
22	2-Methoxyestradiol Exhibits a Biphasic Effect on VEGF-A in Tumor Cells and Upregulation Is Mediated Through ER-Î±: A Possible Signaling Pathway Associated with the Impact of 2-ME2 on Proliferative Cells. Neoplasia, 2003, 5, 417-426.	5.3	37
23	17Î±-Estradiol-induced VEGF-A expression in rat pituitary tumor cells is mediated through ER independent but PI3K-Akt dependent signaling pathway. Biochemical and Biophysical Research Communications, 2003, 300, 209-215.	2.1	36
24	Insulin-like Growth Factor-1 (IGF-1) Induces WISP-2/CCN5 via Multiple Molecular Cross-talks and Is Essential for Mitogenic Switch by IGF-1 Axis in Estrogen Receptorâ€“Positive Breast Tumor Cells. Cancer Research, 2007, 67, 1520-1526.	0.9	36
25	Biphasic estrogen response on bovine adrenal medulla capillary endothelial cell adhesion, proliferation and tube formation. Molecular and Cellular Biochemistry, 1997, 177, 97-105.	3.1	35
26	Epidermal Growth Factor Induces WISP-2/CCN5 Expression in Estrogen Receptor-Î±-Positive Breast Tumor Cells through Multiple Molecular Cross-talks. Molecular Cancer Research, 2005, 3, 151-162.	3.4	35
27	Pancreatic Tumor Cell Secreted CCN1/Cyr61 Promotes Endothelial cell migration and Aberrant Neovascularization. Scientific Reports, 2015, 4, 4995.	3.3	35
28	The MAZ transcription factor is a downstream target of the oncoprotein Cyr61/CCN1 and promotes pancreatic cancer cell invasion via CRAFâ€“ERK signaling. Journal of Biological Chemistry, 2018, 293, 4334-4349.	3.4	34
29	Differential expression of WISP-1 and WISP-2 genes in normal and transformed human breast cell lines. Molecular and Cellular Biochemistry, 2001, 228, 99-104.	3.1	33
30	pH-Sensitive Nanodrug Carriers for Codelivery of ERK Inhibitor and Gemcitabine Enhance the Inhibition of Tumor Growth in Pancreatic Cancer. Molecular Pharmaceutics, 2021, 18, 87-100.	4.6	31
31	Tumor Angiogenesis in Chronic Pancreatitis and Pancreatic Adenocarcinoma: Impact of K-ras Mutations. Pancreas, 2000, 20, 248-255.	1.1	28
32	Deficiency of CCN5/WISP-2-Driven Program in breast cancer Promotes Cancer Epithelial cells to mesenchymal stem cells and Breast Cancer growth. Scientific Reports, 2017, 7, 1220.	3.3	27
33	CYR61/CCN1 Regulates dCK and CTGF and Causes Gemcitabine-resistant Phenotype in Pancreatic Ductal Adenocarcinoma. Molecular Cancer Therapeutics, 2019, 18, 788-800.	4.1	27
34	A Two-Step Enriched-Nested PCR Technique Enhances Sensitivity for Detection of Codon 12 K-ras Mutations in Pancreatic Adenocarcinoma. Pancreas, 1997, 15, 16-24.	1.1	26
35	Size-Transformable, Multifunctional Nanoparticles from Hyperbranched Polymers for Environment-Specific Therapeutic Delivery. ACS Biomaterials Science and Engineering, 2019, 5, 1354-1365.	5.2	26
36	Pomegranate sensitizes Tamoxifen action in ER-Î± positive breast cancer cells. Journal of Cell Communication and Signaling, 2011, 5, 317-324.	3.4	25

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37	A Second-Generation 2-Methoxyestradiol Prodrug Is Effective against Barrett's Adenocarcinoma in a Mouse Xenograft Model. Molecular Cancer Therapeutics, 2013, 12, 255-263.	4.1	25
38	The Role of Compounds Derived from Natural Supplement as Anticancer Agents in Renal Cell Carcinoma: A Review. International Journal of Molecular Sciences, 2018, 19, 107.	4.1	24
39	MIND model for triple-negative breast cancer in syngeneic mice for quick and sequential progression analysis of lung metastasis. PLoS ONE, 2018, 13, e0198143.	2.5	24
40	A novel triazole, NMK-T-057, induces autophagic cell death in breast cancer cells by inhibiting Î³-secretaseâ€“mediated activation of Notch signaling. Journal of Biological Chemistry, 2019, 294, 6733-6750.	3.4	23
41	CCN5 activation by free or encapsulated EGCG is required to render tripleâ€negative breast cancer cell viability and tumor progression. Pharmacology Research and Perspectives, 2021, 9, e00753.	2.4	23
42	Exosomes in carcinogenesis: molecular palkis carry signals for the regulation of cancer progression and metastasis. Journal of Cell Communication and Signaling, 2016, 10, 241-249.	3.4	20
43	Thombospondin-1 disrupts estrogen-induced endothelial cell proliferation and migration and its expression is suppressed by estradiol. Molecular Cancer Research, 2004, 2, 150-8.	3.4	20
44	The miRacle in Pancreatic Cancer by miRNAs: Tiny Angels or Devils in Disease Progression. International Journal of Molecular Sciences, 2016, 17, 809.	4.1	19
45	Downregulation of miR-506-3p Facilitates EGFR-TKI Resistance through Induction of Sonic Hedgehog Signaling in Non-Small-Cell Lung Cancer Cell Lines. International Journal of Molecular Sciences, 2020, 21, 9307.	4.1	19
46	Estradiol-induced vascular endothelial growth factor-A expression in breast tumor cells is biphasic and regulated by estrogen receptor-alpha dependent pathway. International Journal of Oncology, 2003, 22, 609-14.	3.3	19
47	2â€Methoxyestradiol modulates Î²â€catenin in prostate cancer cells: A possible mediator of 2â€methoxyestradiolâ€induced inhibition of cell growth. International Journal of Cancer, 2008, 122, 567-571.	5.1	18
48	WISP-2/CCN5 Is Involved As a Novel Signaling Intermediate in Phorbol Ester-Protein Kinase CÎ±-Mediated Breast Tumor Cell Proliferation. Biochemistry, 2006, 45, 10698-10709.	2.5	17
49	Chemical Architecture of Block Copolymers Differentially Abrogate Cardiotoxicity and Maintain the Anticancer Efficacy of Doxorubicin. Molecular Pharmaceutics, 2020, 17, 4676-4690.	4.6	17
50	Racial disparity in breast cancer: can it be mattered for prognosis and therapy. Journal of Cell Communication and Signaling, 2018, 12, 119-132.	3.4	16
51	Human pancreatic cancer progression: an anarchy among CCN-siblings. Journal of Cell Communication and Signaling, 2016, 10, 207-216.	3.4	15
52	Aspirin suppresses tumor cell-induced angiogenesis and their incongruity. Journal of Cell Communication and Signaling, 2019, 13, 491-502.	3.4	15
53	Microenvironment-sensing, nanocarrier-mediated delivery of combination chemotherapy for pancreatic cancer. Journal of Cell Communication and Signaling, 2019, 13, 407-420.	3.4	14
54	Stimulation of MCF-7 tumor progression in athymic nude mice by 17beta-estradiol induces WISP-2/CCN5 expression in xenografts: a novel signaling molecule in hormonal carcinogenesis. Oncology Reports, 2005, 13, 445-8.	2.6	14

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55	Differential expression of neuropilin-1 in malignant and benign prostatic stromal tissue. Oncology Reports, 2003, 10, 1067.	2.6	11
56	2-Methoxyestradiol Inhibits Barrett's Esophageal Adenocarcinoma Growth and Differentiation through Differential Regulation of the Î²-Cateninâ€“E-Cadherin Axis. Molecular Cancer Therapeutics, 2010, 9, 523-534.	4.1	11
57	Cyr61/CCN1 targets for chemosensitization in pancreatic cancer. Oncotarget, 2019, 10, 3579-3580.	1.8	8
58	Predictive factors in patients with advanced and metastatic squamous cell carcinoma of the head and neck: A study based on SWOG protocol S0420. Oncology Reports, 2013, 29, 2095-2100.	2.6	7
59	Differential expression of VEGF-A mRNA by 17Â-estradiol in breast tumor cells lacking classical ER-Â may be mediated through a variant form of ER-Â. Molecular and Cellular Biochemistry, 2004, 262, 215-224.	3.1	5
60	The role of CCNs in controlling cellular communication in the tumor microenvironment. Journal of Cell Communication and Signaling, 2023, 17, 35-45.	3.4	5
61	Quick-FISH: A Rapid Fluorescence In Situ Hybridization Technique for Molecular Cytogenetic Analysis. BioTechniques, 1998, 24, 826-830.	1.8	3
62	Dopamine: an old target in a new therapy. Journal of Cell Communication and Signaling, 2015, 9, 85-86.	3.4	3
63	Detection of CCN1 and CCN5 mRNA in Human Cancer Samples Using a Modified In Situ Hybridization Technique. Methods in Molecular Biology, 2017, 1489, 495-504.	0.9	3
64	Abstract 5322: Englerin-A prevents invasive phenotypes of renal cell carcinoma by reprogramming mesenchymal to epithelial transition: A key mechanism of its anticancer properties. Cancer Research, 2015, 75, 5322-5322.	0.9	2
65	Identification of genomic imbalances in gastric MALT lymphoma using arbitrarily primed PCR DNA fingerprinting. International Journal of Molecular Medicine, 2001, 7, 317-20.	4.0	1
66	Abstract 1314: Estrogen receptor-Î± is activated in breast ductal epithelial cells by CCN5 in CCN5-conditional tri-transgenic mice. , 2011, , .		1
67	Abstract 4385: The green tea polyphenol EGCG induces mesenchymal to epithelial transition (MET) and tumor regression in triple negative breast cancer (TNBC) cells and mouse xenograft model: involvement of CCN5.. , 2013, , .		1
68	The Regulatory Roles of Estrogen in Carcinogenesis. CRC Series in Modern Nutrition Science, 2004, , .	0.0	1
69	Aspirin prevents growth and differentiation of breast cancer cells: lessons from in vitro and in vivo studies. FASEB Journal, 2013, 27, 606.1.	0.5	1
70	Immunohistochemical Localization of Neuropilin-1 in Human Breast Carcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2002, 1, 409-414.	0.0	0
71	Angiogenic Switch. Nutraceutical Science and Technology, 2007, , 365-388.	0.0	0
72	CCN1/Cyr61 regulates Sonic Hedgehog Signaling through Activation of Notchâ€1 in Pancreatic Carcinogenesis: A Novel Targeting Pathway for Pancreatic Cancer Therapy. FASEB Journal, 2013, 27, 132.2.	0.5	0

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73	The green tea polyphenol EGCG induces Mesenchymal to Epithelial Transition (MET) and tumor regression in Triple Negative Breast Cancer (TNBC) cells and mouseâ€xenograft model: Involvement of CCN5. FASEB Journal, 2013, 27, 610.2.	0.5	0
74	EGCG promotes cell growth inhibition and reprograms mesenchymalâ€epithelial transition by restoring CCN5/WISP2 in triple negative breast cancer cells in vitro and in vivo. FASEB Journal, 2018, 32, 668.10.	0.5	0
75	Gemcitabine Sensitivity is Improved in Pancreatic Cancer by CYR61/CCN1â€Depletionâ€Mediated Upregulation of dCK and Suppression of CTGF. FASEB Journal, 2019, 33, 647.8.	0.5	0