

Chandi C Mandal

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,060
citations

236612

25
h-index

243296

44
g-index

64
all docs

64
docs citations

64
times ranked

3025
citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay between Dysbiosis of Gut Microbiome, Lipid Metabolism, and Tumorigenesis: Can Gut Dysbiosis Stand as a Prognostic Marker in Cancer?. <i>Disease Markers</i> , 2022, 2022, 1-15.	0.6	23
2	Combinatorial influence of environmental temperature, obesity and cholesterol on SARS-CoV-2 infectivity. <i>Scientific Reports</i> , 2022, 12, 4796.	1.6	4
3	Effect of environmental factors on SARS-CoV-2 infectivity in northern hemisphere countries: a 2-year data analysis. <i>Public Health</i> , 2022, 208, 105-110.	1.4	3
4	Duality of bone morphogenetic proteins in cancer: A comprehensive analysis. <i>Journal of Cellular Physiology</i> , 2022, 237, 3127-3163.	2.0	7
5	Arachidonoyl dopamine inhibits epithelial-mesenchymal transition of breast cancer cells through ERK signaling and decreasing the cellular cholesterol. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22693.	1.4	15
6	Molecular insights into the interplay between adiposity, breast cancer and bone metastasis. <i>Clinical and Experimental Metastasis</i> , 2021, 38, 119-138.	1.7	9
7	Interplay between DNA Methyltransferase 1 and microRNAs During Tumorigenesis. <i>Current Drug Targets</i> , 2021, 22, 1129-1148.	1.0	8
8	Meet the Associate Editorial Board Member. <i>Current Drug Targets</i> , 2021, 22, 1089-1089.	1.0	0
9	Molecular insights into phytochemicals-driven break function in tumor microenvironment. <i>Journal of Food Biochemistry</i> , 2021, 45, e13824.	1.2	8
10	Anti-Obesity Medications in Cancer Therapy: A Comprehensive Insight. <i>Current Cancer Drug Targets</i> , 2021, 21, 476-494.	0.8	2
11	Cholesterol-Lowering Drugs on Akt Signaling for Prevention of Tumorigenesis. <i>Frontiers in Genetics</i> , 2021, 12, 724149.	1.1	8
12	Omega-3 fatty acid treatment combined with chemotherapy to prevent toxicity, drug resistance, and metastasis in cancer. <i>Current Drug Targets</i> , 2021, 22, .	1.0	3
13	Dual Role of microRNAs in Autophagy of Colorectal Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 56-66.	0.6	7
14	Natural Extracts Target NF- κ B and Reactive Oxygen Species. , 2021, , 1-28.		1
15	Docosahexaenoic Acid (DHA) Inhibits Bone Morphogenetic Protein-2 (BMP-2) Elevated Osteoblast Potential of Metastatic Breast Cancer (MDA-MB-231) Cells in Mammary Microcalcification. <i>Nutrition and Cancer</i> , 2020, 72, 873-883.	0.9	16
16	Osteolytic metastasis in breast cancer: effective prevention strategies. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 797-811.	1.1	14
17	Can the aging influence cold environment mediated cancer risk in the USA female population?. <i>Journal of Thermal Biology</i> , 2020, 92, 102676.	1.1	3
18	The Influence of the Cholesterol Level in Cells on Endovanilloid Cytotoxicity. <i>Doklady Biochemistry and Biophysics</i> , 2020, 493, 167-170.	0.3	0

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19	Cold-hearted: A case for cold stress in cancer risk. <i>Journal of Thermal Biology</i> , 2020, 91, 102608.	1.1	16
20	Can the summer temperatures reduce COVID-19 cases?. <i>Public Health</i> , 2020, 185, 72-79.	1.4	45
21	Omega-3 fatty acids in pathological calcification and bone health. <i>Journal of Food Biochemistry</i> , 2020, 44, e13333.	1.2	23
22	Development, evaluation and effect of anionic co-ligand on the biological activity of benzothiazole derived copper(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111174.	1.5	8
23	Homo- and heteroleptic trimethoxy terpyridine-Cu(II) complexes: synthesis, characterization, DNA/BSA binding, DNA cleavage and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 4100-4113.	1.6	28
24	Modulation of Cancer Cell Metabolism and Microenvironment by Phytochemicals. , 2020, , 143-165.		1
25	Biphasic Effects of Phytochemicals and their Relevance to Cancer Therapeutics. , 2020, , 197-219.		2
26	A Differential Role of miRNAs in Regulation of Breast Cancer Stem Cells. , 2020, , 87-109.		0
27	Animal Models Systems of Cancer for Preclinical Trials. , 2020, , 299-324.		0
28	Technological Advancement in Cancer Stem Cell Research. , 2020, , 241-256.		2
29	A <i>Piscibacillus</i> sp. Isolated from A Soda Lake Exhibits Anticancer Activity Against Breast Cancer MDA-MB-231 Cells. <i>Microorganisms</i> , 2019, 7, 34.	1.6	19
30	Editorial: Cancer and Bone Metastasis. <i>Frontiers in Endocrinology</i> , 2019, 10, 852.	1.5	4
31	Metformin exhibited anticancer activity by lowering cellular cholesterol content in breast cancer cells. <i>PLoS ONE</i> , 2019, 14, e0209435.	1.1	39
32	Presence of a consensus DNA motif at nearby DNA sequence of the mutation susceptible CG nucleotides. <i>Gene</i> , 2018, 639, 85-95.	1.0	12
33	Simvastatin and MBCD Inhibit Breast Cancer-Induced Osteoclast Activity by Targeting Osteoclastogenic Factors. <i>Cancer Investigation</i> , 2017, 35, 403-413.	0.6	25
34	Colder environments are associated with a greater cancer incidence in the female population of the United States. <i>Tumor Biology</i> , 2017, 39, 101042831772478.	0.8	26
35	Colocynth Extracts Prevent Epithelial to Mesenchymal Transition and Stemness of Breast Cancer Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 593.	1.6	32
36	Is cholesterol a mediator of cold-induced cancer?. <i>Tumor Biology</i> , 2016, 37, 9635-9648.	0.8	18

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37	A Molecular View of Pathological Microcalcification in Breast Cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2016, 21, 25-40.	1.0	38
38	Epidemiological investigation of a jaundice outbreak in Kishangarh, Rajasthan, India, 2014. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2016, 24, 83-89.	0.8	0
39	Bone Morphogenetic Protein-2 (BMP-2) Activates NFATc1 Transcription Factor via an Autoregulatory Loop Involving Smad/Akt/Ca ²⁺ Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 1148-1161.	1.6	44
40	High Cholesterol Deteriorates Bone Health: New Insights into Molecular Mechanisms. <i>Frontiers in Endocrinology</i> , 2015, 6, 165.	1.5	80
41	A Molecular Analysis Provides Novel Insights into Androgen Receptor Signalling in Breast Cancer. <i>PLoS ONE</i> , 2015, 10, e0120622.	1.1	19
42	A deletion mutant ndv200 of the <i>Bacillus thuringiensis</i> vip3BR insecticidal toxin gene is a prospective candidate for the next generation of genetically modified crop plants resistant to lepidopteran insect damage. <i>Planta</i> , 2015, 242, 269-281.	1.6	15
43	A link between cold environment and cancer. <i>Tumor Biology</i> , 2015, 36, 5953-5964.	0.8	32
44	miR-214: a potential biomarker and therapeutic for different cancers. <i>Future Oncology</i> , 2015, 11, 349-363.	1.1	61
45	A Comprehensive Review on miR-200c, A Promising Cancer Biomarker with Therapeutic Potential. <i>Current Drug Targets</i> , 2015, 16, 1381-1403.	1.0	44
46	Targeting Intracellular Cholesterol is a Novel Therapeutic Strategy for Cancer Treatment. <i>Journal of Cancer Science & Therapy</i> , 2014, 6, 510-513.	1.7	33
47	Variant cry1Ab entomocidal <i>Bacillus thuringiensis</i> toxin gene facilitates the recovery of an increased number of lepidopteran insect resistant independent rice transformants against yellow stem borer (<i>Scirpophaga incertulus</i>) inflicted damage. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2014, 23, 81-92.	0.9	3
48	c-Abl-dependent Molecular Circuitry Involving Smad5 and Phosphatidylinositol 3-Kinase Regulates Bone Morphogenetic Protein-2-induced Osteogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 24503-24517.	1.6	29
49	Unrestrained Mammalian Target of Rapamycin Complexes 1 and 2 Increase Expression of Phosphatase and Tensin Homolog Deleted on Chromosome 10 to Regulate Phosphorylation of Akt Kinase. <i>Journal of Biological Chemistry</i> , 2012, 287, 3808-3822.	1.6	37
50	microRNA-21 Governs TORC1 Activation in Renal Cancer Cell Proliferation and Invasion. <i>PLoS ONE</i> , 2012, 7, e37366.	1.1	70
51	miR-21 is targeted by omega-3 polyunsaturated fatty acid to regulate breast tumor CSF-1 expression. <i>Carcinogenesis</i> , 2012, 33, 1897-1908.	1.3	94
52	Reactive oxygen species derived from Nox4 mediate BMP2 gene transcription and osteoblast differentiation. <i>Biochemical Journal</i> , 2011, 433, 393-402.	1.7	128
53	Simvastatin Prevents Skeletal Metastasis of Breast Cancer by an Antagonistic Interplay between p53 and CD44. <i>Journal of Biological Chemistry</i> , 2011, 286, 11314-11327.	1.6	103
54	MicroRNA-21 Orchestrates High Glucose-induced Signals to TOR Complex 1, Resulting in Renal Cell Pathology in Diabetes. <i>Journal of Biological Chemistry</i> , 2011, 286, 25586-25603.	1.6	198

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55	Integration of Phosphatidylinositol 3-Kinase, Akt Kinase, and Smad Signaling Pathway in BMP-2-Induced Osterix Expression. <i>Calcified Tissue International</i> , 2010, 87, 533-540.	1.5	34
56	Simvastatin induces derepression of PTEN expression via NF κ B to inhibit breast cancer cell growth. <i>Cellular Signalling</i> , 2010, 22, 749-758.	1.7	146
57	Fish oil prevents breast cancer cell metastasis to bone. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 602-607.	1.0	91
58	TSC2 Deficiency Increases PTEN via HIF1 α . <i>Journal of Biological Chemistry</i> , 2009, 284, 27790-27798.	1.6	26
59	Phosphatidylinositol 3 Kinase/Akt Signal Relay Cooperates with Smad in Bone Morphogenetic Protein-2-Induced Colony Stimulating Factor-1 (CSF-1) Expression and Osteoclast Differentiation. <i>Endocrinology</i> , 2009, 150, 4989-4998.	1.4	56
60	Fish oil targets PTEN to regulate NF κ B for downregulation of anti-apoptotic genes in breast tumor growth. <i>Breast Cancer Research and Treatment</i> , 2009, 118, 213-228.	1.1	92
61	Prediction-based protein engineering of domain I of Cry2A entomocidal toxin of <i>Bacillus thuringiensis</i> for the enhancement of toxicity against lepidopteran insects. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 599-606.	1.0	28
62	Statin-induced Ras Activation Integrates the Phosphatidylinositol 3-Kinase Signal to Akt and MAPK for Bone Morphogenetic Protein-2 Expression in Osteoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2007, 282, 4983-4993.	1.6	128