Rumela Chakrabarti

List of Publications by Year
in descending order

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Version: 2024-02-01

21 papers	1,807 citations	516710 16 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	3310 citing authors

#	Article	IF	Citations
1	Sirtuin 4 Is a Lipoamidase Regulating Pyruvate Dehydrogenase Complex Activity. Cell, 2014, 159, 1615-1625.	28.9	356
2	Elf5 inhibits the epithelialâ€“mesenchymal transition in mammary gland development and breast cancer metastasis by transcriptionally repressing Snail2. Nature Cell Biology, 2012, 14, 1212-1222.	10.3	251
3	Î”Np63 promotes stem cell activity in mammary gland development and basal-like breast cancer by enhancing Fzd7 expression and Wnt signalling. Nature Cell Biology, 2014, 16, 1004-1015.	10.3	176
4	Notch ligand Dll1 mediates cross-talk between mammary stem cells and the macrophageal niche. Science, 2018, 360, .	12.6	144
5	Elf5 conditional knockout mice reveal its role as a master regulator in mammary alveolar development: Failure of Stat5 activation and functional differentiation in the absence of Elf5. Developmental Biology, 2009, 329, 227-241.	2.0	125
6	Elf5 Regulates Mammary Gland Stem/Progenitor Cell Fate by Influencing Notch Signaling. Stem Cells, 2012, 30, 1496-1508.	3.2	110
7	MTDH-SND1 Interaction Is Crucial for Expansion and Activity of Tumor-Initiating Cells in Diverse Oncogene- and Carcinogen-Induced Mammary Tumors. Cancer Cell, 2014, 26, 92-105.	16.8	106
8	Î”Np63-driven recruitment of myeloid-derived suppressor cells promotes metastasis in triple-negative breast cancer. Journal of Clinical Investigation, 2018, 128, 5095-5109.	8.2	102
9	Normal and cancerous mammary stem cells evade interferon-induced constraint through the miR-199aâ€“LCOR axis. Nature Cell Biology, 2017, 19, 711-723.	10.3	83
10	Loss of ELF5â€“FBXW7 stabilizes IFNGR1 to promote the growth and metastasis of triple-negative breast cancer through interferon-Î³ signalling. Nature Cell Biology, 2020, 22, 591-602.	10.3	67
11	Estrogen-dependent DLL1-mediated Notch signaling promotes luminal breast cancer. Oncogene, 2019, 38, 2092-2107.	5.9	66
12	Aggressive triple negative breast cancers have unique molecular signature on the basis of mitochondrial genetic and functional defects. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1060-1071.	3.8	57
13	Consequences of EMT-Driven Changes in the Immune Microenvironment of Breast Cancer and Therapeutic Response of Cancer Cells. Journal of Clinical Medicine, 2019, 8, 642.	2.4	47
14	Dll1+ quiescent tumor stem cells drive chemoresistance in breast cancer through NF-ÎºB survival pathway. Nature Communications, 2021, 12, 432.	12.8	38
15	The many facets of Notch signaling in breast cancer: toward overcoming therapeutic resistance. Genes and Development, 2020, 34, 1422-1438.	5.9	28
16	Transplantable Mouse Tumor Models of Breast Cancer Metastasis. Methods in Molecular Biology, 2015, 1267, 367-380.	0.9	16
17	Modeling molecular development of breast cancer in canine mammary tumors. Genome Research, 2021, 31, 337-347.	5.5	12
18	Inducible knockout of â^†Np63 alters cell polarity and metabolism during pubertal mammary gland development. FEBS Letters, 2020, 594, 973-985.	2.8	7

#	Article	IF	Citations
19	Estrogen Receptor Î²-Mediated Inhibition of Actin-Based Cell Migration Suppresses Metastasis of Inflammatory Breast Cancer. Cancer Research, 2021, 81, 2399-2414.	0.9	7
20	A new Elf5^{Cre}<scp>^{ERT}</scp>^{2â€}<scp>^{GFP} BAC</scp> transgenic mouse model for tracing Elf5 cell lineages in adult tissues. FEBS Letters, 2019, 593, 1030-1039.	2.8	4
21	Assessment of Breast Cancer Stem Cell Activity Using a Spheroid Formation Assay. Methods in Molecular Biology, 2022, 2429, 485-500.	0.9	4