Bhupinder Pal

List of Publications by Year
in descending order

48 papers	5,095 citations	257101 24 h-index	301761 39 g-index
53 all docs	53 docs citations	53 times ranked	7779 citing authors

#	Article	IF	Citations
1	Aberrant luminal progenitors as the candidate target population for basal tumor development in BRCA1 mutation carriers. Nature Medicine, 2009, 15, 907-913.	15.2	1,261
2	Control of mammary stem cell function by steroid hormone signalling. Nature, 2010, 465, 798-802.	13.7	617
3	Notch Signaling Regulates Mammary Stem Cell Function and Luminal Cell-Fate Commitment. Cell Stem Cell, 2008, 3, 429-441.	5.2	398
4	Transcriptome analyses of mouse and human mammary cell subpopulations reveal multiple conserved genes and pathways. Breast Cancer Research, 2010, 12, R21.	2.2	354
5	Butyrophilin 2A1 is essential for phosphoantigen reactivity by Î³Î´ T cells. Science, 2020, 367, .	6.0	275
6	Targeting BCL-2 with the BH3 Mimetic ABT-199 in Estrogen Receptor-Positive Breast Cancer. Cancer Cell, 2013, 24, 120-129.	7.7	243
7	RANK ligand as a potential target for breast cancer prevention in BRCA1-mutation carriers. Nature Medicine, 2016, 22, 933-939.	15.2	224
8	A singleâ€cell RNA expression atlas of normal, preneoplastic and tumorigenic states in the human breast. EMBO Journal, 2021, 40, e107333.	3.5	170
9	Construction of developmental lineage relationships in the mouse mammary gland by single-cell RNA profiling. Nature Communications, 2017, 8, 1627.	5.8	151
10	Synergistic action of the MCL-1 inhibitor S63845 with current therapies in preclinical models of triple-negative and HER2-amplified breast cancer. Science Translational Medicine, 2017, 9, .	5.8	148
11	Intraclonal Plasticity in Mammary Tumors Revealed through Large-Scale Single-Cell Resolution 3D Imaging. Cancer Cell, 2019, 35, 618-632.e6.	7.7	119
12	Tissue-resident ductal macrophages survey the mammary epithelium and facilitate tissue remodelling. Nature Cell Biology, 2020, 22, 546-558.	4.6	118
13	Global Changes in the Mammary Epigenome Are Induced by Hormonal Cues and Coordinated by Ezh2. Cell Reports, 2013, 3, 411-426.	2.9	117
14	A Phase Ib Dose-Escalation and Expansion Study of the BCL2 Inhibitor Venetoclax Combined with Tamoxifen in ER and BCL2â€“Positive Metastatic Breast Cancer. Cancer Discovery, 2019, 9, 354-369.	7.7	104
15	Identification of quiescent and spatially restricted mammary stem cells that are hormone responsive. Nature Cell Biology, 2017, 19, 164-176.	4.6	99
16	Barcoding reveals complex clonal behavior in patient-derived xenografts of metastatic triple negative breast cancer. Nature Communications, 2019, 10, 766.	5.8	99
17	Essential role for a novel population of binucleated mammary epithelial cells in lactation. Nature Communications, 2016, 7, 11400.	5.8	80
18	Differential methylation analysis of reduced representation bisulfite sequencing experiments using edgeR. F1000Research, 2017, 6, 2055.	0.8	70

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19	EGF-mediated induction of Mcl-1 at the switch to lactation is essential for alveolar cell survival. Nature Cell Biology, 2015, 17, 365-375.	4.6	65
20	Differential methylation analysis of reduced representation bisulfite sequencing experiments using edgeR. F1000Research, 2017, 6, 2055.	0.8	52
21	Mammary tumour cells remodel the bone marrow vascular microenvironment to support metastasis. Nature Communications, 2021, 12, 6920.	5.8	32
22	Targeting triple-negative breast cancers with the Smac-mimetic birinapant. Cell Death and Differentiation, 2020, 27, 2768-2780.	5.0	31
23	SCFCdc4-mediated Degradation of the Hac1p Transcription Factor Regulates the Unfolded Protein Response inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2007, 18, 426-440.	0.9	30
24	Integration of microRNA signatures of distinct mammary epithelial cell types with their gene expression and epigenetic portraits. Breast Cancer Research, 2015, 17, 85.	2.2	29
25	Pro-apoptotic Bim suppresses breast tumor cell metastasis and is a target gene of SNAI2. Oncogene, 2015, 34, 3926-3934.	2.6	27
26	A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity. Science Immunology, 2022, 7, eabj0641.	5.6	27
27	Single cell transcriptome atlas of mouse mammary epithelial cells across development. Breast Cancer Research, 2021, 23, 69.	2.2	26
28	Foxp1 Is Indispensable for Ductal Morphogenesis and Controls the Exit of Mammary Stem Cells from Quiescence. Developmental Cell, 2018, 47, 629-644.e8.	3.1	24
29	The site of breast cancer metastases dictates their clonal composition and reversible transcriptomic profile. Science Advances, 2021, 7, .	4.7	23
30	Investigation of human mammary stem and progenitor subpopulations from BRCA1 mutation carriers and noncarriers. Journal of Clinical Oncology, 2009, 27, 504-504.	0.8	18
31	FOXC1 Is Enriched in the Mammary Luminal Progenitor Population, but Is Not Necessary for Mouse Mammary Ductal Morphogenesis1. Biology of Reproduction, 2013, 89, 10.	1.2	11
32	Canonical PRC2 function is essential for mammary gland development and affects chromatin compaction in mammary organoids. PLoS Biology, 2018, 16, e2004986.	2.6	10
33	An assessment of fracture resistance of three composite resin core build-up materials on three prefabricated non-metallic posts, cemented in endodontically treated teeth: anin vitrostudy. PeerJ, 2015, 3, e795.	0.9	8
34	Inhibitor of Differentiation 4 (ID4) represses mammary myoepithelial differentiation via inhibition of HEB. IScience, 2021, 24, 102072.	1.9	6
35	R code and downstream analysis objects for the scRNA-seq atlas of normal and tumorigenic human breast tissue. Scientific Data, 2022, 9, 96.	2.4	4
36	MiRNAs prognostic for basal and BRCA1 breast cancer. Oncotarget, 2018, 9, 35717-35718.	0.8	2

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37	Computational Screening of Anti-Cancer Drugs Identifies a New BRCA Independent Gene Expression Signature to Predict Breast Cancer Sensitivity to Cisplatin. Cancers, 2022, 14, 2404.	1.7	2
38	Abstract S2-04: RANK ligand as a target for breast cancer prevention inBRCA1mutation carriers. , 2017, , .		1
39	Abstract PD7-07: Synergistic targeting of CDK4/6 and BCL-2 pathways in estrogen receptor positive breast cancer. , 2019, , .		1
40	Abstract S5-6: Steroid Hormone Regulation of Mammary Stem Cell Function. , 2010, , .		1
41	S17 Breast stem and progenitor cells in cancer â€“ Therapeutic implications. Breast, 2011, 20, S6.	0.9	0
42	Elementary: breast cancer culprits leave their signatures on the double helix. Cell Death and Differentiation, 2016, 23, 1577-1578.	5.0	0
43	Abstract P4-04-03: Transcriptome Analyses of Mouse and Human Mammary Cell Subpopulations Reveals Multiple Conserved Genes and Pathways. , 2010, , .		0
44	Abstract SY12-03: Getting abreast of the mammary epithelial hierarchy and breast cancer. , 2011, , .		0
45	Abstract IA12: Mammary epithelial subtypes and their implications for breast cancer. , 2013, , .		0
46	Abstract P2-09-01: Targeting BCL-2 with the BH3 mimetic ABT-199 in ER-positive breast cancer. , 2013, , .		0
47	Abstract P3-11-05: RANK ligand is a target for breast cancer prevention inBRCA1mutation carriers. , 2016, , .		0
48	Abstract 5024: Unmasking heterogeneity within the adult mammary stem cell compartment. , 2017, , .		0