Harikrishna Nakshatri

List of Publications by Citations

182 papers	13,266 citations	60 h-index	113 g-index
195 ext. papers	14,340 ext. citations	7.6 avg, IF	6.12 L-index

#	Paper	IF	Citations
182	Purification, cloning, and RXR identity of the HeLa cell factor with which RAR or TR heterodimerizes to bind target sequences efficiently. *Cell*, **1992**, 68, 377-95	56.2	1130
181	Constitutive activation of NF-kappaB during progression of breast cancer to hormone-independent growth. *Molecular and Cellular Biology*, **1997**, 17, 3629-39	4.8	719
180	CD44+/CD24- breast cancer cells exhibit enhanced invasive properties: an early step necessary for metastasis. *Breast Cancer Research*, **2006**, 8, R59	8.3	716
179	Phosphatidylinositol 3-kinase/AKT-mediated activation of estrogen receptor alpha: a new model for anti-estrogen resistance. *Journal of Biological Chemistry*, **2001**, 276, 9817-24	5.4	707
178	NF-kappaB promotes breast cancer cell migration and metastasis by inducing the expression of the chemokine receptor CXCR4. *Journal of Biological Chemistry*, **2003**, 278, 21631-8	5.4	497
177	NF-kappaB represses E-cadherin expression and enhances epithelial to mesenchymal transition of mammary epithelial cells: potential involvement of ZEB-1 and ZEB-2. *Oncogene*, **2007**, 26, 711-24	9.2	477
176	Promoter context- and response element-dependent specificity of the transcriptional activation and modulating functions of retinoic acid receptors. *Cell*, **1992**, 70, 1007-19	56.2	339
175	Cutting edge: IL-17F, a novel cytokine selectively expressed in activated T cells and monocytes, regulates angiogenesis and endothelial cell cytokine production. *Journal of Immunology*, **2001**, 167, 4137-40	5.3	284
174	Estradiol-regulated microRNAs control estradiol response in breast cancer cells. *Nucleic Acids Research*, **2009**, 37, 4850-61	20.1	270
173	PROGgeneV2: enhancements on the existing database. *BMC Cancer*, **2014**, 14, 970	4.8	256
172	Paclitaxel sensitivity of breast cancer cells with constitutively active NF-kappaB is enhanced by IkappaBalpha super-repressor and parthenolide. *Oncogene*, **2000**, 19, 4159-69	9.2	253
171	RARs and RXRs: evidence for two autonomous transactivation functions (AF-1 and AF-2) and heterodimerization in vivo.. *EMBO Journal*, **1993**, 12, 2349-2360	13	223
170	FOXA1 expression in breast cancer--correlation with luminal subtype A and survival. *Clinical Cancer Research*, **2007**, 13, 4415-21	12.9	187
169	Mouse retinoic acid receptor alpha 2 isoform is transcribed from a promoter that contains a retinoic acid response element. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 10138-42	11.5	187
168	A retinoic acid response element is present in the mouse cellular retinol binding protein I (mCRBPI) promoter.. *EMBO Journal*, **1991**, 10, 2223-2230	13	161
167	Cloning of BRAK, a novel divergent CXC chemokine preferentially expressed in normal versus malignant cells. *Biochemical and Biophysical Research Communications*, **1999**, 255, 703-6	3.4	154
166	Prognostic impact of ALDH1 in breast cancer: a story of stem cells and tumor microenvironment. *Breast Cancer Research and Treatment*, **2010**, 123, 97-108	4.4	148

165	Nuclear factor-kappaB is constitutively activated in prostate cancer in vitro and is overexpressed in prostatic intraepithelial neoplasia and adenocarcinoma of the prostate. *Clinical Cancer Research*, **2004**, 10, 5501-7	12.9	142
164	The sesquiterpene lactone parthenolide in combination with docetaxel reduces metastasis and improves survival in a xenograft model of breast cancer. *Molecular Cancer Therapeutics*, **2005**, 4, 1004-12	6.1	135
163	Identity profiling of cell surface markers by multiplex gold nanorod probes. *Nano Letters*, **2007**, 7, 2300-6	11.5	134
162	SLUG/SNAI2 and tumor necrosis factor generate breast cells with CD44+/CD24- phenotype. *BMC Cancer*, **2010**, 10, 411	4.8	132
161	Glucocorticoid-dependent oncogenic transformation by type 16 but not type 11 human papilloma virus DNA. *Nature*, **1988**, 335, 832-5	50.4	132
160	Antitumor agent parthenolide reverses resistance of breast cancer cells to tumor necrosis factor-related apoptosis-inducing ligand through sustained activation of c-Jun N-terminal kinase. *Oncogene*, **2004**, 23, 7330-44	9.2	129
159	Breast-cancer stem cells-beyond semantics. *Lancet Oncology, The*, **2012**, 13, e43-8	21.7	117
158	PROGgene: gene expression based survival analysis web application for multiple cancers. *Journal of Clinical Bioinformatics*, **2013**, 3, 22		114
157	Delivery of nanoparticles to brain metastases of breast cancer using a cellular Trojan horse. *Cancer Nanotechnology*, **2012**, 3, 47-54	7.9	114
156	The directly repeated RG(G/T)TCA motifs of the rat and mouse cellular retinol-binding protein II genes are promiscuous binding sites for RAR, RXR, HNF-4, and ARP-1 homo- and heterodimers. *Journal of Biological Chemistry*, **1994**, 269, 890-902	5.4	113
155	The directly repeated RG(G/T)TCA motifs of the rat and mouse cellular retinol-binding protein II genes are promiscuous binding sites for RAR, RXR, HNF-4, and ARP-1 homo- and heterodimers.. *Journal of Biological Chemistry*, **1994**, 269, 890-902	5.4	110
154	Repression of transforming-growth-factor-□mediated transcription by nuclear factor **B**. *Biochemical Journal*, **2000**, 348, 591-596	3.8	108
153	Identification of signal transduction pathways involved in constitutive NF-kappaB activation in breast cancer cells. *Oncogene*, **2002**, 21, 2066-78	9.2	107
152	Epithelial-to-mesenchymal transition and ovarian tumor progression induced by tissue transglutaminase. *Cancer Research*, **2009**, 69, 9192-201	10.1	101
151	Obesity potentiates the growth and dissemination of pancreatic cancer. *Surgery*, **2009**, 146, 258-63	3.6	101
150	Repression of GADD153/CHOP by NF-kappaB: a possible cellular defense against endoplasmic reticulum stress-induced cell death. *Oncogene*, **2001**, 20, 2178-85	9.2	100
149	Parthenolide and sulindac cooperate to mediate growth suppression and inhibit the nuclear factor-kappa B pathway in pancreatic carcinoma cells. *Molecular Cancer Therapeutics*, **2005**, 4, 587-94	6.1	99
148	Breast cancer stem cells and intrinsic subtypes: controversies rage on. *Current Stem Cell Research and Therapy*, **2009**, 4, 50-60	3.6	96

147	CNI-1493 inhibits monocyte/macrophage tumor necrosis factor by suppression of translation efficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 3967-71	11.5	96
146	Control of EVI-1 oncogene expression in metastatic breast cancer cells through microRNA miR-22. *Oncogene*, **2011**, 30, 1290-301	9.2	95
145	Negative regulation of chemokine receptor CXCR4 by tumor suppressor p53 in breast cancer cells: implications of p53 mutation or isoform expression on breast cancer cell invasion. *Oncogene*, **2007**, 26, 3329-37	9.2	94
144	FOXA1 is an independent prognostic marker for ER-positive breast cancer. *Breast Cancer Research and Treatment*, **2012**, 131, 881-90	4.4	92
143	Enhanced peritoneal ovarian tumor dissemination by tissue transglutaminase. *Cancer Research*, **2007**, 67, 7194-202	10.1	92
142	Forkhead box A1 expression in breast cancer is associated with luminal subtype and good prognosis. *Journal of Clinical Pathology*, **2008**, 61, 327-32	3.9	87
141	Multiple parameters determine the specificity of transcriptional response by nuclear receptors HNF-4, ARP-1, PPAR, RAR and RXR through common response elements. *Nucleic Acids Research*, **1998**, 26, 2491-9	20.1	87
140	Effects of HIV protease inhibitor ritonavir on Akt-regulated cell proliferation in breast cancer. *Clinical Cancer Research*, **2006**, 12, 1883-96	12.9	85
139	Phase I dose escalation trial of feverfew with standardized doses of parthenolide in patients with cancer. *Investigational New Drugs*, **2004**, 22, 299-305	4.3	85
138	AKT alters genome-wide estrogen receptor alpha binding and impacts estrogen signaling in breast cancer. *Molecular and Cellular Biology*, **2008**, 28, 7487-503	4.8	82
137	ANTXR1, a stem cell-enriched functional biomarker, connects collagen signaling to cancer stem-like cells and metastasis in breast cancer. *Cancer Research*, **2013**, 73, 5821-33	10.1	81
136	Angiopoietin-2 mediates blood-brain barrier impairment and colonization of triple-negative breast cancer cells in brain. *Journal of Pathology*, **2014**, 232, 369-81	9.4	80
135	Tissue transglutaminase protects epithelial ovarian cancer cells from cisplatin-induced apoptosis by promoting cell survival signaling. *Carcinogenesis*, **2008**, 29, 1893-900	4.6	80
134	Subunit association and DNA binding activity of the heterotrimeric transcription factor NF-Y is regulated by cellular redox. *Journal of Biological Chemistry*, **1996**, 271, 28784-91	5.4	79
133	HOXB13 mediates tamoxifen resistance and invasiveness in human breast cancer by suppressing ER and inducing IL-6 expression. *Cancer Research*, **2013**, 73, 5449-58	10.1	73
132	Inhibiting proteasomal proteolysis sustains estrogen receptor-alpha activation. *Molecular Endocrinology*, **2004**, 18, 2603-15		72
131	RARs and RXRs: evidence for two autonomous transactivation functions (AF-1 and AF-2) and heterodimerization in vivo. *EMBO Journal*, **1993**, 12, 2349-60	13	72
130	Persistent upregulation of U6:SNORD44 small RNA ratio in the serum of breast cancer patients. *Breast Cancer Research*, **2011**, 13, R86	8.3	71

129	NF-kappaB activation and interleukin 6 production in fibroblasts by estrogen receptor-negative breast cancer cell-derived interleukin 1alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 6971-6	11.5	69
128	Oestrogen-receptor-positive breast cancer: towards bridging histopathological and molecular classifications. *Journal of Clinical Pathology*, **2009**, 62, 6-12	3.9	67
127	Interleukin-1 alpha promotes tumor growth and cachexia in MCF-7 xenograft model of breast cancer. *American Journal of Pathology*, **2003**, 163, 2531-41	5.8	67
126	A water soluble parthenolide analog suppresses in vivo tumor growth of two tobacco-associated cancers, lung and bladder cancer, by targeting NF-B and generating reactive oxygen species. *International Journal of Cancer*, **2011**, 128, 2481-94	7.5	65
125	Phosphoinositol phosphatase SHIP2 promotes cancer development and metastasis coupled with alterations in EGF receptor turnover. *Carcinogenesis*, **2008**, 29, 25-34	4.6	63
124	An Effective Epigenetic-PARP Inhibitor Combination Therapy for Breast and Ovarian Cancers Independent of BRCA Mutations. *Clinical Cancer Research*, **2018**, 24, 3163-3175	12.9	61
123	Cancer cell-derived interleukin 1alpha contributes to autocrine and paracrine induction of pro-metastatic genes in breast cancer. *Biochemical and Biophysical Research Communications*, **2000**, 275, 60-2	3.4	61
122	NF-kappaB inhibition in human hepatocellular carcinoma and its potential as adjunct to sorafenib based therapy. *Cancer Letters*, **2009**, 278, 145-155	9.9	60
121	A retinoic acid response element is present in the mouse cellular retinol binding protein I (mCRBPI) promoter. *EMBO Journal*, **1991**, 10, 2223-30	13	59
120	NF-kappaB and breast cancer. *Current Problems in Cancer*, **2002**, 26, 282-309	2.3	57
119	The p160 family coactivators regulate breast cancer cell proliferation and invasion through autocrine/paracrine activity of SDF-1alpha/CXCL12. *Carcinogenesis*, **2005**, 26, 1706-15	4.6	57
118	HOXB7 Is an ER Cofactor in the Activation of HER2 and Multiple ER Target Genes Leading to Endocrine Resistance. *Cancer Discovery*, **2015**, 5, 944-59	24.4	56
117	A water-soluble parthenolide analogue suppresses in vivo prostate cancer growth by targeting NFkappaB and generating reactive oxygen species. *Prostate*, **2010**, 70, 1074-86	4.2	56
116	Flower isoforms promote competitive growth in cancer. *Nature*, **2019**, 572, 260-264	50.4	53
115	The platelet-derived growth factor receptor alpha is destabilized by geldanamycins in cancer cells. *Journal of Biological Chemistry*, **2007**, 282, 445-53	5.4	53
114	FOXA1 as a therapeutic target for breast cancer. *Expert Opinion on Therapeutic Targets*, **2007**, 11, 507-14	6.4	52
113	Negative regulation of transactivation function but not DNA binding of NF-kappaB and AP-1 by IkappaBbeta1 in breast cancer cells. *Journal of Biological Chemistry*, **1999**, 274, 18827-35	5.4	52
112	Interaction of Oct-1 with TFIIB. Implications for a novel response elicited through the proximal octamer site of the lipoprotein lipase promoter. *Journal of Biological Chemistry*, **1995**, 270, 19613-23	5.4	50

111	Identification of FDA-approved drugs targeting breast cancer stem cells along with biomarkers of sensitivity. *Scientific Reports*, **2013**, 3, 2530	4.9	49
110	PROGmiR: a tool for identifying prognostic miRNA biomarkers in multiple cancers using publicly available data. *Journal of Clinical Bioinformatics*, **2012**, 2, 23		49
109	FOXA1 in breast cancer. *Expert Reviews in Molecular Medicine*, **2009**, 11, e8	6.7	48
108	Mutational landscape of RNA-binding proteins in human cancers. *RNA Biology*, **2018**, 15, 115-129	4.8	47
107	High-level expression of forkhead-box protein A1 in metastatic prostate cancer. *Histopathology*, **2011**, 58, 766-72	7.3	46
106	Regulation of the c-jun Gene in p210 BCR-ABL Transformed Cells Corresponds With Activity of JNK, the c-jun N-Terminal Kinase. *Blood*, **1998**, 92, 2450-2460	2.2	43
105	Restoring chemotherapy and hormone therapy sensitivity by parthenolide in a xenograft hormone refractory prostate cancer model. *Prostate*, **2006**, 66, 1498-511	4.2	42
104	Retinoic acid signal transduction pathways. *Annals of the New York Academy of Sciences*, **1993**, 684, 19-34	6.5	42
103	Stage and tissue-specific expression of the alcohol dehydrogenase 1 (Adh-1) gene during mouse development. *Developmental Dynamics*, **1994**, 199, 199-213	2.9	42
102	Expression of Forkhead-box protein A1, a marker of luminal A type breast cancer, parallels low Oncotype DX 21-gene recurrence scores. *Modern Pathology*, **2010**, 23, 270-5	9.8	41
101	The macrophage inhibitory cytokine integrates AKT/PKB and MAP kinase signaling pathways in breast cancer cells. *Carcinogenesis*, **2005**, 26, 900-7	4.6	40
100	Organ-specific adaptive signaling pathway activation in metastatic breast cancer cells. *Oncotarget*, **2015**, 6, 12682-96	3.3	40
99	The mushroom Ganoderma lucidum suppresses breast-to-lung cancer metastasis through the inhibition of pro-invasive genes. *International Journal of Oncology*, **2014**, 44, 2009-15	4.4	37
98	Repression of transforming-growth-factor-□mediated transcription by nuclear factor B. *Biochemical Journal*, **2000**, 348, 591	3.8	37
97	Subcellular localization of activated AKT in estrogen receptor- and progesterone receptor-expressing breast cancers: potential clinical implications. *American Journal of Pathology*, **2010**, 176, 2139-49	5.8	36
96	The platelet-activating factor receptor protects epidermal cells from tumor necrosis factor (TNF) alpha and TNF-related apoptosis-inducing ligand-induced apoptosis through an NF-kappa B-dependent process. *Journal of Biological Chemistry*, **2001**, 276, 45548-54	5.4	36
95	NF-B-dependent and -independent epigenetic modulation using the novel anti-cancer agent DMAPT. *Cell Death and Disease*, **2015**, 6, e1608	9.8	35
94	Cancer affects microRNA expression, release, and function in cardiac and skeletal muscle. *Cancer Research*, **2014**, 74, 4270-81	10.1	35

93	Suppression of pancreatic tumor growth by combination chemotherapy with sulindac and LC-1 is associated with cyclin D1 inhibition in vivo. *Molecular Cancer Therapeutics*, **2007**, 6, 1736-44	6.1	35
92	Transformation of interleukin-3-dependent cells without participation of Stat5/bcl-xL: cooperation of akt with raf/erk leads to p65 nuclear factor kappaB-mediated antiapoptosis involving c-IAP2. *Blood*, **2001**, 98, 2508-17	2.2	34
91	Antimyeloma effects of a sesquiterpene lactone parthenolide. *Clinical Cancer Research*, **2008**, 14, 1814-22	12.9	33
90	The orphan receptor COUP-TFII regulates G2/M progression of breast cancer cells by modulating the expression/activity of p21(WAF1/CIP1), cyclin D1, and cdk2. *Biochemical and Biophysical Research Communications*, **2000**, 270, 1144-53	3.4	33
89	Ethnicity-Dependent and -Independent Heterogeneity in Healthy Normal Breast Hierarchy Impacts Tumor Characterization. *Scientific Reports*, **2015**, 5, 13526	4.9	31
88	Osteocyte-Driven Downregulation of Snail Restrains Effects of Drd2 Inhibitors on Mammary Tumor Cells. *Cancer Research*, **2018**, 78, 3865-3876	10.1	31
87	Binding and activation of the human aldehyde dehydrogenase 2 promoter by hepatocyte nuclear factor 4. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1998**, 1399, 181-6		30
86	Parthenolide sensitizes cells to X-ray-induced cell killing through inhibition of NF-kappaB and split-dose repair. *Radiation Research*, **2007**, 168, 689-97	3.1	30
85	Retinoid receptors and binding proteins. *Journal of Cell Science*, **1992**, 16, 69-76	5.3	30
84	Inflammation-associated microRNA changes in circulating exosomes of heart failure patients. *BMC Research Notes*, **2017**, 10, 751	2.3	29
83	Isolation of retinoic acid-repressed genes from P19 embryonal carcinoma cells. *Gene*, **1996**, 174, 79-84	3.8	28
82	Inhibitory Effects of Dopamine Receptor D Agonist on Mammary Tumor and Bone Metastasis. *Scientific Reports*, **2017**, 7, 45686	4.9	27
81	Normal Breast-Derived Epithelial Cells with Luminal and Intrinsic Subtype-Enriched Gene Expression Document Interindividual Differences in Their Differentiation Cascade. *Cancer Research*, **2018**, 78, 5107-5123	10.1	25
80	Tumour necrosis factor and PI3-kinase control oestrogen receptor alpha protein level and its transrepression function. *British Journal of Cancer*, **2004**, 90, 853-9	8.7	25
79	Fusion AML1 transcript in a radiation-associated leukemia results in a truncated inhibitory AML1 protein. *Blood*, **2001**, 97, 2168-70	2.2	25
78	Ubiquitous and cell-type-specific protein interactions with human papillomavirus type 16 and type 18 enhancers. *Virology*, **1990**, 178, 92-103	3.6	25
77	TFAP2C expression in breast cancer: correlation with overall survival beyond 10 years of initial diagnosis. *Breast Cancer Research and Treatment*, **2015**, 152, 519-31	4.4	24
76	Skeletal loading regulates breast cancer-associated osteolysis in a loading intensity-dependent fashion. *Bone Research*, **2020**, 8, 9	13.3	24

75	2-methoxyestradiol inhibits the anaphase-promoting complex and protein translation in human breast cancer cells. *Cancer Research*, **2007**, 67, 702-8	10.1	23
74	Virtual screening targeting the urokinase receptor, biochemical and cell-based studies, synthesis, pharmacokinetic characterization, and effect on breast tumor metastasis. *Journal of Medicinal Chemistry*, **2011**, 54, 7193-205	8.3	22
73	Prognosis of hormone-dependent breast cancers: implications of the presence of dysfunctional transcriptional networks activated by insulin via the immune transcription factor T-bet. *Cancer Research*, **2010**, 70, 685-96	10.1	22
72	MOZ and MOZ-CBP cooperate with NF-kappaB to activate transcription from NF-kappaB-dependent promoters. *Experimental Hematology*, **2007**, 35, 1782-92	3.1	22
71	Microfluidic channel for characterizing normal and breast cancer cells. *Journal of Micromechanics and Microengineering*, **2017**, 27, 035017	2	19
70	Interplay between estrogen receptor and AKT in estradiol-induced alternative splicing. *BMC Medical Genomics*, **2013**, 6, 21	3.7	19
69	Loss of ER and FOXA1 expression in a progression model of luminal type breast cancer: insights from PyMT transgenic mouse model. *Oncology Reports*, **2010**, 24, 1233-9	3.5	19
68	Attraction and Compaction of Migratory Breast Cancer Cells by Bone Matrix Proteins through Tumor-Osteocyte Interactions. *Scientific Reports*, **2018**, 8, 5420	4.9	18
67	MMB triazole analogs are potent NF-B inhibitors and anti-cancer agents against both hematological and solid tumor cells. *European Journal of Medicinal Chemistry*, **2018**, 157, 562-581	6.8	18
66	Functional role of BK virus tumor antigens in transformation. *Journal of Virology*, **1988**, 62, 4613-21	6.6	18
65	A system for detecting high impact-low frequency mutations in primary tumors and metastases. *Oncogene*, **2018**, 37, 185-196	9.2	17
64	Reduction in Migratory Phenotype in a Metastasized Breast Cancer Cell Line via Downregulation of S100A4 and GRM3. *Scientific Reports*, **2017**, 7, 3459	4.9	17
63	Biomarkers for breast cancer stem cells: the challenges ahead. *Biomarkers in Medicine*, **2011**, 5, 661-71	2.3	17
62	Negative regulation of MHC class II gene expression by CXCR4. *Experimental Hematology*, **2006**, 34, 1085-92	3.1	17
61	Molecular Insights of Pathways Resulting from Two Common PIK3CA Mutations in Breast Cancer. *Cancer Research*, **2016**, 76, 3989-4001	10.1	17
60	In vivo modeling of metastatic human high-grade serous ovarian cancer in mice. *PLoS Genetics*, **2020**, 16, e1008808	6	15
59	Cell competition and tumor heterogeneity. *Seminars in Cancer Biology*, **2020**, 63, 1-10	12.7	15
58	Pharmacological Dual Inhibition of Tumor and Tumor-Induced Functional Limitations in a Transgenic Model of Breast Cancer. *Molecular Cancer Therapeutics*, **2017**, 16, 2747-2758	6.1	14

57	Death effector domain-containing protein induces vulnerability to cell cycle inhibition in triple-negative breast cancer. *Nature Communications*, **2019**, 10, 2860	17.4	14
56	Activity and enhancer binding factors for JC virus regulatory elements in differentiating embryonal carcinoma cells. *Virology*, **1990**, 177, 784-9	3.6	14
55	Interferon-β signaling is associated with loss-of-function mutations in high grade serous ovarian cancer. *Npj Precision Oncology*, **2019**, 3, 32	9.8	13
54	Nexus between PI3K/AKT and Estrogen Receptor Signaling in Breast Cancer. *Cancers*, **2021**, 13,	6.6	13
53	Individualized Breast Cancer Characterization through Single-Cell Analysis of Tumor and Adjacent Normal Cells. *Cancer Research*, **2017**, 77, 2759-2769	10.1	12
52	ITF2 is a target of CXCR4 in MDA-MB-231 breast cancer cells and is associated with reduced survival in estrogen receptor-negative breast cancer. *Cancer Biology and Therapy*, **2010**, 10, 600-14	4.6	12
51	Intrinsic subtype-associated changes in the plasma proteome in breast cancer. *Proteomics - Clinical Applications*, **2009**, 3, 1305-13	3.1	12
50	Dual TGFβ/BMP Pathway Inhibition Enables Expansion and Characterization of Multiple Epithelial Cell Types of the Normal and Cancerous Breast. *Molecular Cancer Research*, **2019**, 17, 1556-1570	6.6	11
49	Genetic Ancestry-dependent Differences in Breast Cancer-induced Field Defects in the Tumor-adjacent Normal Breast. *Clinical Cancer Research*, **2019**, 25, 2848-2859	12.9	11
48	A large, consistent plasma proteomics data set from prospectively collected breast cancer patient and healthy volunteer samples. *Journal of Translational Medicine*, **2011**, 9, 80	8.5	11
47	Striatin-3 gamma inhibits estrogen receptor activity by recruiting a protein phosphatase. *Journal of Molecular Endocrinology*, **2008**, 40, 199-210	4.5	11
46	TNFalpha resistance in MCF-7 breast cancer cells is associated with altered subcellular localization of p21CIP1 and p27KIP1. *Cell Death and Differentiation*, **2005**, 12, 98-100	12.7	11
45	The first 124 nucleotides of the E7 coding sequences of HPV16 can render the HPV11 genome transformation competent. *Virology*, **1992**, 186, 348-51	3.6	11
44	Effects of a checkpoint kinase inhibitor, AZD7762, on tumor suppression and bone remodeling. *International Journal of Oncology*, **2018**, 53, 1001-1012	4.4	9
43	Differential effect of Nonidet P40 on DNA binding of transcription factors. *Analytical Biochemistry*, **1997**, 249, 103-4	3.1	9
42	Amplified in breast cancer 1 expression in breast cancer. *Histopathology*, **2008**, 53, 634-41	7.3	9
41	Dependence receptor UNC5A restricts luminal to basal breast cancer plasticity and metastasis. *Breast Cancer Research*, **2018**, 20, 35	8.3	8
40	Inhibiting checkpoint kinase 1 protects bone from bone resorption by mammary tumor in a mouse model. *Oncotarget*, **2018**, 9, 9364-9378	3.3	8

39	Distinct Effects of Adipose-Derived Stem Cells and Adipocytes on Normal and Cancer Cell Hierarchy. *Molecular Cancer Research*, **2016**, 14, 660-71	6.6	8
38	Activity and enhancer binding factors for BK virus regulatory elements in differentiating embryonal carcinoma cells. *Virology*, **1991**, 183, 374-80	3.6	7
37	Overexpression of Lrp5 enhanced the anti-breast cancer effects of osteocytes in bone. *Bone Research*, **2021**, 9, 32	13.3	7
36	Systemic Actions of Breast Cancer Facilitate Functional Limitations. *Cancers*, **2020**, 12,	6.6	6
35	Role of AKT isotypes in breast cancer. *Journal of Pathology*, **2013**, 229, e1	9.4	6
34	Effect of celecoxib and novel agent LC-1 in a hamster model of lung cancer. *Journal of Surgical Research*, **2007**, 143, 169-76	2.5	6
33	Regulation of the c-jun Gene in p210 BCR-ABL Transformed Cells Corresponds With Activity of JNK, the c-jun N-Terminal Kinase. *Blood*, **1998**, 92, 2450-2460	2.2	6
32	Essential Components of Cancer Education. *Cancer Research*, **2015**, 75, 5202-5	10.1	5
31	RareVar: A Framework for Detecting Low-Frequency Single-Nucleotide Variants. *Journal of Computational Biology*, **2017**, 24, 637-646	1.7	3
30	Tumor collection/processing under physioxia uncovers highly relevant signaling networks and drug sensitivity.. *Science Advances*, **2022**, 8, eabh3375	14.3	3
29	Aged Breast Extracellular Matrix Drives Mammary Epithelial Cells to an Invasive and Cancer-Like Phenotype. *Advanced Science*, **2021**, 8, e2100128	13.6	3
28	Breast Cancer Cell Detection and Characterization from Breast Milk-Derived Cells. *Cancer Research*, **2020**, 80, 4828-4839	10.1	3
27	Deubiquitinase UCHL1 Maintains Protein Homeostasis through the PSMA7-APEH-Proteasome Axis in High-grade Serous Ovarian Carcinoma. *Molecular Cancer Research*, **2021**, 19, 1168-1181	6.6	3
26	A single-cell atlas of the healthy breast tissues reveals clinically relevant clusters of breast epithelial cells. *Cell Reports Medicine*, **2021**, 2, 100219	18	3
25	Aging-associated skeletal muscle defects in HER2/Neu transgenic mammary tumor model. *JCSM Rapid Communications*, **2021**, 4, 24-39	2.6	3
24	Statistical modeling for sensitive detection of low-frequency single nucleotide variants. *BMC Genomics*, **2016**, 17 Suppl 7, 514	4.5	2
23	A Spectrum Graph-Based Protein Sequence Filtering Algorithm for Proteoform Identification by Top-Down Mass Spectrometry **2017**, 2017, 222-229	0.8	2
22	Differential whole-cell extract preparation and electrophoretic mobility shift assay to evaluate the effect of tyrosine phosphatases on DNA binding activity of transcription factors. *Analytical Biochemistry*, **1996**, 236, 178-81	3.1	2

21	Aged Breast Extracellular Matrix Drives Mammary Epithelial Cells to an Invasive and Cancer-Like Phenotype		2
20	regSNPs-ASB: A Computational Framework for Identifying Allele-Specific Transcription Factor Binding From ATAC-seq Data. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 886	5.8	2
19	Mechanical tibial loading remotely suppresses brain tumors by dopamine-mediated downregulation of CCN4. *Bone Research*, **2021**, 9, 26	13.3	2
18	Breast Heterogeneity: Obstacles to Developing Universal Biomarkers of Breast Cancer Initiation and Progression. *Journal of the American College of Surgeons*, **2020**, 231, 85-96	4.4	2
17	Bidirectional Regulatory Cross-Talk between Cell Context and Genomic Aberrations Shapes Breast Tumorigenesis. *Molecular Cancer Research*, **2021**, 19, 1802-1817	6.6	2
16	Building a virtual summer research experience in cancer for high school and early undergraduate students: lessons from the COVID-19 pandemic. *BMC Medical Education*, **2021**, 21, 422	3.3	2
15	Antitumor properties of novel sesquiterpene lactone analogs as NFB inhibitors that bind to the IKK ubiquitin-like domain (ULD). *European Journal of Medicinal Chemistry*, **2021**, 224, 113675	6.8	2
14	FOXA1 (forkhead box A1). *Atlas of Genetics and Cytogenetics in Oncology and Haematology*, **2011**,	2.3	1
13	Aberrant epigenetic and transcriptional events associated with breast cancer risk.. *Clinical Epigenetics*, **2022**, 14, 21	7.7	1
12	The Sesquiterpene Lactone Parthenolide Induces Apoptosis and Overcomes the Protective Effect of the Bone Marrow Microenvironment in Human Multiple Myeloma Cells.. *Blood*, **2006**, 108, 5058-5058	2.2	1
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