Robert Clarke

List of Publications by Year
in descending order

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361 papers	22,611 citations	15504 65 h-index	9861 141 g-index
380 all docs	380 docs citations	380 times ranked	34222 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Cadmium mimics the in vivo effects of estrogen in the uterus and mammary gland. Nature Medicine, 2003, 9, 1081-1084.	30.7	498
4	The properties of high-dimensional data spaces: implications for exploring gene and protein expression data. Nature Reviews Cancer, 2008, 8, 37-49.	28.4	483
5	Association of increased basement membrane invasiveness with absence of estrogen receptor and expression of vimentin in human breast cancer cell lines. Journal of Cellular Physiology, 1992, 150, 534-544.	4.1	442
6	Antiestrogen resistance in breast cancer and the role of estrogen receptor signaling. Oncogene, 2003, 22, 7316-7339.	5.9	421
7	Meta-Analysis of Soy Intake and Breast Cancer Risk. Journal of the National Cancer Institute, 2006, 98, 459-471.	6.3	417
8	Multidrug Resistance in Breast Cancer: a Meta-analysis of MDR1/gp170 Expression and Its Possible Functional Significance. Journal of the National Cancer Institute, 1997, 89, 917-931.	6.3	392
9	Endocrine resistance in breast cancer â€“ An overview and update. Molecular and Cellular Endocrinology, 2015, 418, 220-234.	3.2	280
10	Cellular and molecular pharmacology of antiestrogen action and resistance. Pharmacological Reviews, 2001, 53, 25-71.	16.0	267
11	Therapeutically activating RB: reestablishing cell cycle control in endocrine therapy-resistant breast cancer. Endocrine-Related Cancer, 2011, 18, 333-345.	3.1	256
12	A maternal diet high in n â˜’ 6 polyunsaturated fats alters mammary gland development, puberty onset, and breast cancer risk among female ratâ€‰offspring. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9372-9377.	7.1	244
13	ATP binding cassette transporters and drug resistance in breast cancer.. Endocrine-Related Cancer, 2003, 10, 43-73.	3.1	215
14	Endoplasmic Reticulum Stress, the Unfolded Protein Response, Autophagy, and the Integrated Regulation of Breast Cancer Cell Fate. Cancer Research, 2012, 72, 1321-1331.	0.9	183
15	Prepubertal exposure to zearalenone or genistein reduces mammary tumorigenesis. British Journal of Cancer, 1999, 80, 1682-1688.	6.4	180
16	Dynamic modelling of oestrogen signalling and cell fate in breast cancer cells. Nature Reviews Cancer, 2011, 11, 523-532.	28.4	179
17	Chloroquine Inhibits Autophagy to Potentiate Antiestrogen Responsiveness in ER+ Breast Cancer. Clinical Cancer Research, 2014, 20, 3222-3232.	7.0	176
18	Human Xâ€Box binding proteinâ€1 confers both estrogen independence and antiestrogen resistance in breast cancer cell lines. FASEB Journal, 2007, 21, 4013-4027.	0.5	169

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19	Progression of human breast cancer cells from hormone-dependent to hormone-independent growth both in vitro and in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 3649-3653.	7.1	160
20	MCF7/LCC9: an antiestrogen-resistant MCF-7 variant in which acquired resistance to the steroidal antiestrogen ICI 182,780 confers an early cross-resistance to the nonsteroidal antiestrogen tamoxifen. Cancer Research, 1997, 57, 3486-93.	0.9	150
21	MCF7/LCC2: a 4-hydroxytamoxifen resistant human breast cancer variant that retains sensitivity to the steroidal antiestrogen ICI 182,780. Cancer Research, 1993, 53, 3229-32.	0.9	145
22	Maternal exposure to genistein during pregnancy increases carcinogen-induced mammary tumorigenesis in female rat offspring.. Oncology Reports, 1999, 6, 1089-95.	2.6	144
23	Associations of Epicardial, Abdominal, and Overall Adiposity With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	141
24	Autophagy and endocrine resistance in breast cancer. Expert Review of Anticancer Therapy, 2011, 11, 1283-1294.	2.4	137
25	Glucose-Regulated Protein 78 Controls Cross-talk between Apoptosis and Autophagy to Determine Antiestrogen Responsiveness. Cancer Research, 2012, 72, 3337-3349.	0.9	133
26	Hormonal aspects of breast cancer. Critical Reviews in Oncology/Hematology, 1992, 12, 1-23.	4.4	128
27	Multidrug Resistance/P-Glycoprotein and Breast Cancer: Review and Meta-Analysis. Seminars in Oncology, 2005, 32, 9-15.	2.2	127
28	Differential dependency network analysis to identify condition-specific topological changes in biological networks. Bioinformatics, 2009, 25, 526-532.	4.1	127
29	Molecular and pharmacological aspects of antiestrogen resistance. Journal of Steroid Biochemistry and Molecular Biology, 2001, 76, 71-84.	2.5	125
30	Interferon regulatory factor-1 (IRF-1) exhibits tumor suppressor activities in breast cancer associated with caspase activation and induction of apoptosis. Carcinogenesis, 2005, 26, 1527-1535.	2.8	125
31	The Effects of a Constitutive Expression of Transforming Growth Factor-Î± on the Growth of MCF-7 Human Breast Cancer Cellsin Vitroandin Vivo. Molecular Endocrinology, 1989, 3, 372-380.	3.7	115
32	Human breast cancer cell line xenografts as models of breast cancer â€" The immunobiologies of recipient mice and the characteristics of several tumorigenic cell lines. Breast Cancer Research and Treatment, 1996, 39, 69-86.	2.5	114
33	Influence of Berry Polyphenols on Receptor Signaling and Cell-Death Pathways: Implications for Breast Cancer Prevention. Journal of Agricultural and Food Chemistry, 2012, 60, 5693-5708.	5.2	106
34	Reduction of the Membrane Fluidity of Human Breast Cancer Cells by Tamoxifen and 17beta-Estradiol. Journal of the National Cancer Institute, 1990, 82, 1702-1705.	6.3	105
35	Induction of apoptosis by tamoxifen and ICI 182780 in primary breast cancer. , 1997, 72, 608-613.		104
36	Estrogen Withdrawal-Induced NF-ÎºB Activity and Bcl-3 Expression in Breast Cancer Cells: Roles in Growth and Hormone Independence. Molecular and Cellular Biology, 2003, 23, 6887-6900.	2.3	103

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37	Molecular mechanisms of tamoxifen-associated endometrial cancer (Review). Oncology Letters, 2015, 9, 1495-1501.	1.8	102
38	Acquisition of hormone-independent growth in MCF-7 cells is accompanied by increased expression of estrogen-regulated genes but without detectable DNA amplifications. Cancer Research, 1993, 53, 283-90.	0.9	102
39	ERRÎ³ Mediates Tamoxifen Resistance in Novel Models of Invasive Lobular Breast Cancer. Cancer Research, 2008, 68, 8908-8917.	0.9	97
40	Endoplasmic Reticulum Stress Protein GRP78 Modulates Lipid Metabolism to Control Drug Sensitivity and Antitumor Immunity in Breast Cancer. Cancer Research, 2016, 76, 5657-5670.	0.9	91
41	Physical and Functional Interactions between Cas and c-Src Induce Tamoxifen Resistance of Breast Cancer Cells through Pathways Involving Epidermal Growth Factor Receptor and Signal Transducer and Activator of Transcription 5b. Cancer Research, 2006, 66, 7007-7015.	0.9	90
42	Enhancing Reproducibility in Cancer Drug Screening: How Do We Move Forward?. Cancer Research, 2014, 74, 4016-4023.	0.9	90
43	Psychosocial factors in the development and progression of breast cancer. Breast Cancer Research and Treatment, 1994, 29, 141-160.	2.5	89
44	MDA435/LCC6 and MDA435/LCC6MDR1: ascites models of human breast cancer. British Journal of Cancer, 1996, 73, 154-161.	6.4	89
45	Recombinant human interferon alpha increases oestrogen receptor expression in human breast cancer cells (ZR-75-1) and sensitises them to the anti-proliferative effects of tamoxifen. British Journal of Cancer, 1987, 55, 255-257.	6.4	85
46	Inhibition of P-glycoprotein activity and reversal of multidrug resistance in vitro by rosemary extract. European Journal of Cancer, 1999, 35, 1541-1545.	2.8	83
47	NTPâ€CERHR expert panel report on the developmental toxicity of soy infant formula. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2011, 92, 421-468.	1.4	81
48	NF-ÎºB Signaling Is Required for XBP1 (Unspliced and Spliced)-Mediated Effects on Antiestrogen Responsiveness and Cell Fate Decisions in Breast Cancer. Molecular and Cellular Biology, 2015, 35, 379-390.	2.3	80
49	Association of interferon regulatory factor-1, nucleophosmin, nuclear factor-kappaB, and cyclic AMP response element binding with acquired resistance to Faslodex (ICI 182,780). Cancer Research, 2002, 62, 3428-37.	0.9	80
50	Knockdown of estrogen receptorâ€Î± induces autophagy and inhibits antiestrogenâ€mediated unfolded protein response activation, promoting ROSâ€induced breast cancer cell death. FASEB Journal, 2014, 28, 3891-3905.	0.5	78
51	Development and validation of a method for using breast core needle biopsies for gene expression microarray analyses. Clinical Cancer Research, 2002, 8, 1155-66.	7.0	77
52	Common origins of MDA-MB-435 cells from various sources with those shown to have melonoma properties. Clinical and Experimental Metastasis, 2004, 21, 543-552.	3.3	76
53	BCL2 and CASP8 regulation by NFâ€ºB differentially affect mitochondrial function and cell fate in antiestrogenâ€sensitive and â€resistant breast cancer cells. FASEB Journal, 2010, 24, 2040-2055.	0.5	76
54	Identifying cancer biomarkers by network-constrained support vector machines. BMC Systems Biology, 2011, 5, 161.	3.0	76

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55	Breast Cancer Risk in Rats Fed a Diet High in n-6 Polyunsaturated Fatty Acids During Pregnancy. Journal of the National Cancer Institute, 1996, 88, 1821-1827.	6.3	75
56	Antiestrogens, Aromatase Inhibitors, and Apoptosis in Breast Cancer. Vitamins and Hormones, 2005, 71, 201-237.	1.7	75
57	MYC regulates the unfolded protein response and glucose and glutamine uptake in endocrine resistant breast cancer. Molecular Cancer, 2014, 13, 239.	19.2	74
58	Gene network signaling in hormone responsiveness modifies apoptosis and autophagy in breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2009, 114, 8-20.	2.5	73
59	Maternal genistein exposure mimics the effects of estrogen on mammary gland development in female mouse offspring.. Oncology Reports, 1998, 5, 609-16.	2.6	72
60	The invasive and metastatic properties of hormone-independent but hormone-responsive variants of MCF-7 human breast cancer cells. Clinical and Experimental Metastasis, 1993, 11, 15-26.	3.3	71
61	Identification of twenty alternatively spliced estrogen receptor alpha mRNAs in breast cancer cell lines and tumors using splice targeted primer approach. Journal of Steroid Biochemistry and Molecular Biology, 2000, 72, 249-258.	2.5	68
62	Disruption of estrogen receptor DNA-binding domain and related intramolecular communication restores tamoxifen sensitivity in resistant breast cancer. Cancer Cell, 2006, 10, 487-499.	16.8	68
63	Resistance to TNF-alpha and adriamycin in the human breast cancer MCF-7 cell line: relationship to MDR1, MnSOD, and TNF gene expression. Cancer Research, 1994, 54, 825-31.	0.9	68
64	Dietary modulation of pregnancy estrogen levels and breast cancer risk among female rat offspring. Clinical Cancer Research, 2002, 8, 3601-10.	7.0	68
65	Dynamic Modeling of the Interaction Between Autophagy and Apoptosis in Mammalian Cells. CPT: Pharmacometrics and Systems Pharmacology, 2015, 4, 263-272.	2.5	67
66	Anti-proliferative and anti-estrogenic effects of ICI 164,384 and ICI 182,780 in 4-OH-tamoxifen-resistant human breast-cancer cells. International Journal of Cancer, 1994, 56, 295-300.	5.1	66
67	IFNÎ³ Restores Breast Cancer Sensitivity to Fulvestrant by Regulating STAT1, IFN Regulatory Factor 1, NF-Î°B, BCL2 Family Members, and Signaling to Caspase-Dependent Apoptosis. Molecular Cancer Therapeutics, 2010, 9, 1274-1285.	4.1	66
68	Two-dimensional gel electrophoresis analyses identify nucleophosmin as an estrogen regulated protein associated with acquired estrogen-independence in human breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 1998, 67, 391-402.	2.5	65
69	The influence of maternal diet on breast cancer risk among female offspring. Nutrition, 1999, 15, 392-401.	2.4	65
70	The role of X-box binding protein-1 in tumorigenicity. Drug News and Perspectives, 2009, 22, 241.	1.5	64
71	Reversal of Tamoxifen Resistance of Human Breast Carcinomas In Vivo by Neutralizing Antibodies to Transforming Growth Factor-Â. Journal of the National Cancer Institute, 1999, 91, 46-53.	6.3	63
72	Interferon Regulatory Factor-1 Mediates the Proapoptotic but Not Cell Cycle Arrest Effects of the Steroidal Antiestrogen ICI 182,780 (Faslodex, Fulvestrant). Cancer Research, 2004, 64, 4030-4039.	0.9	63

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73	Recommendations concerning the new U.S. National Institutes of Health initiative to balance the sex of cells and animals in preclinical research. FASEB Journal, 2015, 29, 1646-1652.	0.5	63
74	The p160 family coactivators regulate breast cancer cell proliferation and invasion through autocrine/paracrine activity of SDF-1Î±/CXCL12. Carcinogenesis, 2005, 26, 1706-1715.	2.8	61
75	Caveolin-1 Tyrosine Phosphorylation Enhances Paclitaxel-mediated Cytotoxicity. Journal of Biological Chemistry, 2007, 282, 5934-5943.	3.4	61
76	Hormonal carcinogenesis in breast cancer: cellular and molecular studies of malignant progression. Breast Cancer Research and Treatment, 1994, 31, 237-248.	2.5	60
77	UNDO: a Bioconductor R package for unsupervised deconvolution of mixed gene expressions in tumor samples. Bioinformatics, 2015, 31, 137-139.	4.1	60
78	Co-Inhibition of BCL-W and BCL2 Restores Antiestrogen Sensitivity through BECN1 and Promotes an Autophagy-Associated Necrosis. PLoS ONE, 2010, 5, e8604.	2.5	60
79	The nuclear factor kappa B inhibitor parthenolide restores ICI 182,780 (Faslodex; fulvestrant)-induced apoptosis in antiestrogen-resistant breast cancer cells. Molecular Cancer Therapeutics, 2005, 4, 33-41.	4.1	59
80	Hormone resistance, invasiveness, and metastatic potential in breast cancer. Breast Cancer Research and Treatment, 1993, 24, 227-239.	2.5	58
81	G-DOC: A Systems Medicine Platform for Personalized Oncology. Neoplasia, 2011, 13, 771-783.	5.3	58
82	Tyrosine-phosphorylated Caveolin-1 (Tyr-14) Increases Sensitivity to Paclitaxel by Inhibiting BCL2 and BCLxL Proteins via c-Jun N-terminal Kinase (JNK). Journal of Biological Chemistry, 2012, 287, 17682-17692.	3.4	58
83	Maternal and Prepubertal Diet, Mammary Development and Breast Cancer Risk. Journal of Nutrition, 2001, 131, 154S-157S.	2.9	57
84	Approaches to working in high-dimensional data spaces: gene expression microarrays. British Journal of Cancer, 2008, 98, 1023-1028.	6.4	57
85	Gamma-tocotrienol induced apoptosis is associated with unfolded protein response in human breast cancer cells. Journal of Nutritional Biochemistry, 2012, 23, 93-100.	4.2	57
86	Mathematical modelling of transcriptional heterogeneity identifies novel markers and subpopulations in complex tissues. Scientific Reports, 2016, 6, 18909.	3.3	57
87	Radiogenomic signatures reveal multiscale intratumour heterogeneity associated with biological functions and survival in breast cancer. Nature Communications, 2020, 11, 4861.	12.8	57
88	Animal models of breast cancer: Their diversity and role in biomedical research. Breast Cancer Research and Treatment, 1996, 39, 1-6.	2.5	55
89	The process of malignant progression in human breast cancer. Annals of Oncology, 1990, 1, 401-407.	1.2	54
90	Mitochondria directly donate their membrane to form autophagosomes during a novel mechanism of parkin-associated mitophagy. Cell and Bioscience, 2014, 4, 16.	4.8	54

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91	Classification algorithms for phenotype prediction in genomics and proteomics. Frontiers in Bioscience - Landmark, 2008, 13, 691.	3.0	53
92	The inter-relationships between ovarian-independent growth, tumorigenicity, invasiveness and antioestrogen resistance in the malignant progression of human breast cancer. Journal of Endocrinology, 1989, 122, 331-340.	2.6	52
93	Effect of P-glycoprotein Expression on Sensitivity to Hormones in MCF-7 Human Breast Cancer Cells. Journal of the National Cancer Institute, 1992, 84, 1506-1512.	6.3	52
94	Issues in experimental design and endpoint analysis in the study of experimental cytotoxic agents in vivo in breast cancer and other models. Breast Cancer Research and Treatment, 1997, 46, 255-278.	2.5	52
95	Do estrogens always increase breast cancer risk?. Journal of Steroid Biochemistry and Molecular Biology, 2002, 80, 163-174.	2.5	51
96	Autophagy inhibitor 3-methyladenine potentiates apoptosis induced by dietary tocotrienols in breast cancer cells. European Journal of Nutrition, 2015, 54, 265-272.	3.9	51
97	Effect of tamoxifen on the multidrug-resistant phenotype in human breast cancer cells: isobologram, drug accumulation, and M(r) 170,000 glycoprotein (gp170) binding studies. Cancer Research, 1994, 54, 441-7.	0.9	51
98	Application of Metabolomics in Drug Resistant Breast Cancer Research. Metabolites, 2015, 5, 100-118.	2.9	50
99	Functionally active estrogen receptor isoform profiles in the breast tumors of African American women are different from the profiles in breast tumors of Caucasian women. Cancer, 2002, 94, 615-623.	4.1	49
100	Endocrine therapy resistance can be associated with high estrogen receptor Î± (ERÎ±) expression and reduced ERÎ± phosphorylation in breast cancer models. Endocrine-Related Cancer, 2006, 13, 1121-1133.	3.1	49
101	Endoplasmic reticulum stress, the unfolded protein response, and gene network modeling in antiestrogen resistant breast cancer. Hormone Molecular Biology and Clinical Investigation, 2011, 5, 35-44.	0.7	49
102	GX15-070 (Obatoclax) Induces Apoptosis and Inhibits Cathepsin D- and Lâ€“Mediated Autophagosomal Lysis in Antiestrogen-Resistant Breast Cancer Cells. Molecular Cancer Therapeutics, 2013, 12, 448-459.	4.1	49
103	Analysis of tyrosine kinase mRNAs including four FGF receptor mRNAs expressed in MCF-7 breast-cancer cells. International Journal of Cancer, 1992, 50, 598-603.	5.1	47
104	The LCC15-MB Human Breast Cancer Cell Line Expresses Osteopontin and Exhibits an Invasive and Metastatic Phenotype. Experimental Cell Research, 1998, 241, 273-284.	2.6	47
105	ERÎ² decreases breast cancer cell survival by regulating the IRE1/XBP-1 pathway. Oncogene, 2015, 34, 4130-4141.	5.9	45
106	Lifetime Genistein Intake Increases the Response of Mammary Tumors to Tamoxifen in Rats. Clinical Cancer Research, 2017, 23, 814-824.	7.0	45
107	Perinatal factors increase breast cancer risk. Breast Cancer Research and Treatment, 1994, 31, 273-284.	2.5	43
108	Iterative normalization of cDNA microarray data. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 29-37.	3.2	43

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109	Orphan nuclear receptors in breast cancer pathogenesis and therapeutic response. Endocrine-Related Cancer, 2010, 17, R213-R231.	3.1	43
110	The multidrug resistance phenotype: 31P nuclear magnetic resonance characterization and 2-deoxyglucose toxicity. Cancer Research, 1991, 51, 1638-44.	0.9	43
111	Monoclonal Antibody against the Ectodomain of E-Cadherin (DECMA-1) Suppresses Breast Carcinogenesis: Involvement of the HER/PI3K/Akt/mTOR and IAP Pathways. Clinical Cancer Research, 2013, 19, 3234-3246.	7.0	42
112	Glutamine Metabolism Drives Growth in Advanced Hormone Receptor Positive Breast Cancer. Frontiers in Oncology, 2019, 9, 686.	2.8	41
113	Mechanisms Mediating the Effects of Prepubertal (n-3) Polyunsaturated Fatty Acid Diet on Breast Cancer Risk in Rats. Journal of Nutrition, 2005, 135, 2946S-2952S.	2.9	40
114	Development of an immobilized P-glycoprotein stationary phase for on-line liquid chromatographic determination of drug-binding affinities. Biomedical Applications, 2000, 739, 33-37.	1.7	39
115	DDN: a caBIGÂ® analytical tool for differential network analysis. Bioinformatics, 2011, 27, 1036-1038.	4.1	39
116	G-DOC Plus â€“ an integrative bioinformatics platform for precision medicine. BMC Bioinformatics, 2016, 17, 193.	2.6	39
117	Alterations in behavior, steroid hormones and natural killer cell activity in male transgenic TGFÎ± mice. Brain Research, 1992, 588, 97-103.	2.2	38
118	The Role of Interferon Regulatory Factor-1 (IRF1) in Overcoming Antiestrogen Resistance in the Treatment of Breast Cancer. International Journal of Breast Cancer, 2011, 2011, 1-9.	1.2	36
119	Network motif-based identification of transcription factor-target gene relationships by integrating multi-source biological data. BMC Bioinformatics, 2008, 9, 203.	2.6	35
120	Role of GRP78 in promoting therapeutic-resistant breast cancer. Future Medicinal Chemistry, 2015, 7, 1529-1534.	2.3	35
121	Constitutive Expression of the Steroid Sulfatase Gene Supports the Growth of MCF-7 Human Breast Cancer Cells in Vitroand in Vivo*. Endocrinology, 2001, 142, 1497-1505.	2.8	34
122	Reverse engineering module networks by PSO-RNN hybrid modeling. BMC Genomics, 2009, 10, S15.	2.8	34
123	Genome-wide identification of significant aberrations in cancer genome. BMC Genomics, 2012, 13, 342.	2.8	34
124	Identifying protein interaction subnetworks by a bagging Markov random field-based method. Nucleic Acids Research, 2013, 41, e42-e42.	14.5	34
125	Frequent loss of heterozygosity at the interferon regulatory factor-1 gene locus in breast cancer. Breast Cancer Research and Treatment, 2010, 121, 227-231.	2.5	33
126	Competitive and Allosteric Interactions in Ligand Binding to P-glycoprotein as Observed on an Immobilized P-glycoprotein Liquid Chromatographic Stationary Phase. Molecular Pharmacology, 2001, 59, 62-68.	2.3	32

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127	Block principal component analysis with application to gene microarray data classification. Statistics in Medicine, 2002, 21, 3465-3474.	1.6	32
128	The Biology of Breast Tumor Progression: Acquisition of hormone independence and resistance to cytotoxic drugs. Acta OncolÃ³gica, 1992, 31, 115-123.	1.8	31
129	Inhibition of growth of MCF-7 MIII human breast carcinoma in nude mice by treatment with agonists or antagonists of LH-RH. Breast Cancer Research and Treatment, 1992, 21, 35-45.	2.5	31
130	Interferon Regulatory Factor-1 Signaling Regulates the Switch between Autophagy and Apoptosis to Determine Breast Cancer Cell Fate. Cancer Research, 2015, 75, 1046-1055.	0.9	31
131	Mathematical models of the transitions between endocrine therapy responsive and resistant states in breast cancer. Journal of the Royal Society Interface, 2014, 11, 20140206.	3.4	30
132	BMRF-Net: a software tool for identification of protein interaction subnetworks by a bagging Markov random field-based method. Bioinformatics, 2015, 31, 2412-2414.	4.1	30
133	Inhibition of BET proteins impairs estrogen-mediated growth and transcription in breast cancers by pausing RNA polymerase advancement. Breast Cancer Research and Treatment, 2015, 150, 265-278.	2.5	30
134	Autophagy and unfolded protein response (UPR) regulate mammary gland involution by restraining apoptosis-driven irreversible changes. Cell Death Discovery, 2018, 4, 40.	4.7	30
135	IGF-I and IGF-II expression in human breast cancer xenografts: Relationship to hormone independence. Breast Cancer Research and Treatment, 1992, 22, 39-45.	2.5	29
136	Acquired estrogen independence and antiestrogen resistance in breast cancer. Trends in Endocrinology and Metabolism, 1996, 7, 291-301.	7.1	29
137	C-7 Analogues of Progesterone as Potent Inhibitors of the P-Glycoprotein Efflux Pump. Journal of Medicinal Chemistry, 2002, 45, 390-398.	6.4	29
138	Optimized multilayer perceptrons for molecular classification and diagnosis using genomic data. Bioinformatics, 2006, 22, 755-761.	4.1	29
139	Acquisition of estrogen independence induces TOB1-related mechanisms supporting breast cancer cell proliferation. Oncogene, 2016, 35, 1643-1656.	5.9	29
140	EGR1 regulates cellular metabolism and survival in endocrine resistant breast cancer. Oncotarget, 2017, 8, 96865-96884.	1.8	29
141	VAV3 mediates resistance to breast cancer endocrine therapy. Breast Cancer Research, 2014, 16, R53.	5.0	28
142	Solubleâ€Eâ€cadherin activates HER and IAP family members in HER2+ and TNBC human breast cancers. Molecular Carcinogenesis, 2014, 53, 893-906.	2.7	28
143	Effects of In Utero Exposure to Ethinyl Estradiol on Tamoxifen Resistance and Breast Cancer Recurrence in a Preclinical Model. Journal of the National Cancer Institute, 2017, 109, djw188.	6.3	28
144	Where do selective estrogen receptor modulators (SERMs) and aromatase inhibitors (AIs) now fit into breast cancer treatment algorithms?. Journal of Steroid Biochemistry and Molecular Biology, 2001, 79, 227-237.	2.5	27

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145	Heat shock 70 kDa protein 5/glucose-regulated protein 78 â€œAMPâ€ing up autophagy. Autophagy, 2012, 8, 1827-1829.	9.1	27
146	Unfolding the Role of Stress Response Signaling in Endocrine Resistant Breast Cancers. Frontiers in Oncology, 2015, 5, 140.	2.8	27
147	The kinetics of methotrexate polyglutamate formation and efflux in a human breast cancer cell line (MDA.MB.436): The effect of insulin. Biochemical Pharmacology, 1983, 32, 41-46.	4.4	26
148	Network motif-based identification of breast cancer susceptibility genes. , 2008, 2008, 5696-9.		26
149	Overexpression of the Dominant-Negative Form of Interferon Regulatory Factor 1 in Oligodendrocytes Protects against Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2011, 31, 8329-8341.	3.6	26
150	Modelling the effect of GRP78 on anti-oestrogen sensitivity and resistance in breast cancer. Interface Focus, 2013, 3, 20130012.	3.0	26
151	Targeting GRP78 and antiestrogen resistance in breast cancer. Future Medicinal Chemistry, 2013, 5, 1047-1057.	2.3	26
152	Knowledge-fused differential dependency network models for detecting significant rewiring in biological networks. BMC Systems Biology, 2014, 8, 87.	3.0	26
153	TMEM33: a new stress-inducible endoplasmic reticulum transmembrane protein and modulator of the unfolded protein response signaling. Breast Cancer Research and Treatment, 2015, 153, 285-297.	2.5	26
154	Estrogens, Phytoestrogens, and Breast Cancer. Advances in Experimental Medicine and Biology, 1996, 401, 63-85.	1.6	26
155	Modeling the estrogen receptor to growth factor receptor signaling switch in human breast cancer cells. FEBS Letters, 2013, 587, 3327-3334.	2.8	24
156	Knowledge-guided multi-scale independent component analysis for biomarker identification. BMC Bioinformatics, 2008, 9, 416.	2.6	23
157	Breast cancer cell obatoclax response characterization using passivatedâ€electrode insulatorâ€based dielectrophoresis. Electrophoresis, 2017, 38, 1988-1995.	2.4	23
158	Regulation of Human Breast Cancer by Secreted Growth Factors. Acta OncolÃ³gica, 1989, 28, 835-839.	1.8	22
159	Animal models of breast cancer: experimental design and their use in nutrition and psychosocial research. Breast Cancer Research and Treatment, 1997, 46, 117-133.	2.5	22
160	Differential distribution of protein phosphatase 2A in human breast carcinoma cell lines and its relation to estrogen receptor status. Cancer Letters, 1999, 136, 143-151.	7.2	22
161	Motif-directed network component analysis for regulatory network inference. BMC Bioinformatics, 2008, 9, S21.	2.6	22
162	Expression patterns among interferon regulatory factor-1, human X-box binding protein-1, nuclear factor kappa B, nucleophosmin, estrogen receptor-alpha and progesterone receptor proteins in breast cancer tissue microarrays. International Journal of Oncology, 2006, 28, 67-76.	3.3	22

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163	Progressive Loss of Estrogen Receptor Î± Cofactor Recruitment in Endocrine Resistance. Molecular Endocrinology, 2007, 21, 2615-2626.	3.7	21
164	Gene Signaling Pathways Mediating the Opposite Effects of Prepubertal Low-Fat and High-Fat n-3 Polyunsaturated Fatty Acid Diets on Mammary Cancer Risk. Cancer Prevention Research, 2008, 1, 532-545.	1.5	21
165	Estrogen receptor alpha positive breast tumors and breast cancer cell lines share similarities in their transcriptome data structures. International Journal of Oncology, 2006, 29, 1581-9.	3.3	21
166	Oestrogen receptor status and the response of human breast cancer cell lines to a combination of methotrexate and 17-beta oestradiol. British Journal of Cancer, 1985, 51, 365-369.	6.4	20
167	Enhancement of methotrexate cytotoxicity towards the MDA.MB.436 human breast cancer cell line by dipyridamole. Biochemical Pharmacology, 1986, 35, 3053-3056.	4.4	20
168	Discriminatory Mining of Gene Expression Microarray Data. Journal of Signal Processing Systems, 2003, 35, 255-272.	1.0	20
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