

Robert Clarke

List of Publications by Year in descending order

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361
papers

22,611
citations

17776

65
h-index

11282

141
g-index

380
all docs

380
docs citations

380
times ranked

37358
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Cadmium mimics the in vivo effects of estrogen in the uterus and mammary gland. <i>Nature Medicine</i> , 2003, 9, 1081-1084.	15.2	498
4	The properties of high-dimensional data spaces: implications for exploring gene and protein expression data. <i>Nature Reviews Cancer</i> , 2008, 8, 37-49.	12.8	483
5	Association of increased basement membrane invasiveness with absence of estrogen receptor and expression of vimentin in human breast cancer cell lines. <i>Journal of Cellular Physiology</i> , 1992, 150, 534-544.	2.0	442
6	Antiestrogen resistance in breast cancer and the role of estrogen receptor signaling. <i>Oncogene</i> , 2003, 22, 7316-7339.	2.6	421
7	Meta-Analysis of Soy Intake and Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2006, 98, 459-471.	3.0	417
8	Multidrug Resistance in Breast Cancer: a Meta-analysis of MDR1/gp170 Expression and Its Possible Functional Significance. <i>Journal of the National Cancer Institute</i> , 1997, 89, 917-931.	3.0	392
9	Endocrine resistance in breast cancer – An overview and update. <i>Molecular and Cellular Endocrinology</i> , 2015, 418, 220-234.	1.6	280
10	Cellular and molecular pharmacology of antiestrogen action and resistance. <i>Pharmacological Reviews</i> , 2001, 53, 25-71.	7.1	267
11	Therapeutically activating RB: reestablishing cell cycle control in endocrine therapy-resistant breast cancer. <i>Endocrine-Related Cancer</i> , 2011, 18, 333-345.	1.6	256
12	A maternal diet high in n - 6 polyunsaturated fats alters mammary gland development, puberty onset, and breast cancer risk among female rat offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9372-9377.	3.3	244
13	ATP binding cassette transporters and drug resistance in breast cancer.. <i>Endocrine-Related Cancer</i> , 2003, 10, 43-73.	1.6	215
14	Endoplasmic Reticulum Stress, the Unfolded Protein Response, Autophagy, and the Integrated Regulation of Breast Cancer Cell Fate. <i>Cancer Research</i> , 2012, 72, 1321-1331.	0.4	183
15	Prepubertal exposure to zearalenone or genistein reduces mammary tumorigenesis. <i>British Journal of Cancer</i> , 1999, 80, 1682-1688.	2.9	180
16	Dynamic modelling of oestrogen signalling and cell fate in breast cancer cells. <i>Nature Reviews Cancer</i> , 2011, 11, 523-532.	12.8	179
17	Chloroquine Inhibits Autophagy to Potentiate Antiestrogen Responsiveness in ER+ Breast Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 3222-3232.	3.2	176
18	Human X β Box binding protein α 1 confers both estrogen independence and antiestrogen resistance in breast cancer cell lines. <i>FASEB Journal</i> , 2007, 21, 4013-4027.	0.2	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.	3.3	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.	0.4	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.	0.4	145
22	Maternal exposure to genistein during pregnancy increases carcinogen-induced mammary tumorigenesis in female rat offspring.. Oncology Reports, 1999, 6, 1089-95.	1.2	144
23	Associations of Epicardial, Abdominal, and Overall Adiposity With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	2.1	141
24	Autophagy and endocrine resistance in breast cancer. Expert Review of Anticancer Therapy, 2011, 11, 1283-1294.	1.1	137
25	Glucose-Regulated Protein 78 Controls Cross-talk between Apoptosis and Autophagy to Determine Antiestrogen Responsiveness. Cancer Research, 2012, 72, 3337-3349.	0.4	133
26	Hormonal aspects of breast cancer. Critical Reviews in Oncology/Hematology, 1992, 12, 1-23.	2.0	128
27	Multidrug Resistance/P-Glycoprotein and Breast Cancer: Review and Meta-Analysis. Seminars in Oncology, 2005, 32, 9-15.	0.8	127
28	Differential dependency network analysis to identify condition-specific topological changes in biological networks. Bioinformatics, 2009, 25, 526-532.	1.8	127
29	Molecular and pharmacological aspects of antiestrogen resistance. Journal of Steroid Biochemistry and Molecular Biology, 2001, 76, 71-84.	1.2	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.	1.3	125
31	The Effects of a Constitutive Expression of Transforming Growth Factor- β on the Growth of MCF-7 Human Breast Cancer Cells <i>in Vitro</i> and <i>in Vivo</i> . Molecular Endocrinology, 1989, 3, 372-380.	3.7	115
32	Human breast cancer cell line xenografts as models of breast cancer – The immunobiologies of recipient mice and the characteristics of several tumorigenic cell lines. Breast Cancer Research and Treatment, 1996, 39, 69-86.	1.1	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.	2.4	106
34	Reduction of the Membrane Fluidity of Human Breast Cancer Cells by Tamoxifen and 17 β -Estradiol. Journal of the National Cancer Institute, 1990, 82, 1702-1705.	3.0	105
35	Induction of apoptosis by tamoxifen and ICI 182780 in primary breast cancer. , 1997, 72, 608-613.		104
36	Estrogen Withdrawal-Induced NF- κ B Activity and Bcl-3 Expression in Breast Cancer Cells: Roles in Growth and Hormone Independence. Molecular and Cellular Biology, 2003, 23, 6887-6900.	1.1	103

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37	Molecular mechanisms of tamoxifen-associated endometrial cancer (Review). <i>Oncology Letters</i> , 2015, 9, 1495-1501.	0.8	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. <i>Cancer Research</i> , 1993, 53, 283-90.	0.4	102
39	ERR β Mediates Tamoxifen Resistance in Novel Models of Invasive Lobular Breast Cancer. <i>Cancer Research</i> , 2008, 68, 8908-8917.	0.4	97
40	Endoplasmic Reticulum Stress Protein GRP78 Modulates Lipid Metabolism to Control Drug Sensitivity and Antitumor Immunity in Breast Cancer. <i>Cancer Research</i> , 2016, 76, 5657-5670.	0.4	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. <i>Cancer Research</i> , 2006, 66, 7007-7015.	0.4	90
42	Enhancing Reproducibility in Cancer Drug Screening: How Do We Move Forward?. <i>Cancer Research</i> , 2014, 74, 4016-4023.	0.4	90
43	Psychosocial factors in the development and progression of breast cancer. <i>Breast Cancer Research and Treatment</i> , 1994, 29, 141-160.	1.1	89
44	MDA435/LCC6 and MDA435/LCC6MDR1: ascites models of human breast cancer. <i>British Journal of Cancer</i> , 1996, 73, 154-161.	2.9	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. <i>British Journal of Cancer</i> , 1987, 55, 255-257.	2.9	85
46	Inhibition of P-glycoprotein activity and reversal of multidrug resistance in vitro by rosemary extract. <i>European Journal of Cancer</i> , 1999, 35, 1541-1545.	1.3	83
47	NTP&CERHR expert panel report on the developmental toxicity of soy infant formula. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2011, 92, 421-468.	1.4	81
48	NF- κ B Signaling Is Required for XBP1 (Unspliced and Spliced)-Mediated Effects on Antiestrogen Responsiveness and Cell Fate Decisions in Breast Cancer. <i>Molecular and Cellular Biology</i> , 2015, 35, 379-390.	1.1	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). <i>Cancer Research</i> , 2002, 62, 3428-37.	0.4	80
50	Knockdown of estrogen receptor α induces autophagy and inhibits antiestrogen-mediated unfolded protein response activation, promoting ROS-induced breast cancer cell death. <i>FASEB Journal</i> , 2014, 28, 3891-3905.	0.2	78
51	Development and validation of a method for using breast core needle biopsies for gene expression microarray analyses. <i>Clinical Cancer Research</i> , 2002, 8, 1155-66.	3.2	77
52	Common origins of MDA-MB-435 cells from various sources with those shown to have melanoma properties. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 543-552.	1.7	76
53	BCL2 and CASP8 regulation by NF- κ B differentially affect mitochondrial function and cell fate in antiestrogen-sensitive and -resistant breast cancer cells. <i>FASEB Journal</i> , 2010, 24, 2040-2055.	0.2	76
54	Identifying cancer biomarkers by network-constrained support vector machines. <i>BMC Systems Biology</i> , 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. <i>Journal of the National Cancer Institute</i> , 1996, 88, 1821-1827.	3.0	75
56	Antiestrogens, Aromatase Inhibitors, and Apoptosis in Breast Cancer. <i>Vitamins and Hormones</i> , 2005, 71, 201-237.	0.7	75
57	MYC regulates the unfolded protein response and glucose and glutamine uptake in endocrine resistant breast cancer. <i>Molecular Cancer</i> , 2014, 13, 239.	7.9	74
58	Gene network signaling in hormone responsiveness modifies apoptosis and autophagy in breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 114, 8-20.	1.2	73
59	Maternal genistein exposure mimics the effects of estrogen on mammary gland development in female mouse offspring. <i>Oncology Reports</i> , 1998, 5, 609-16.	1.2	72
60	The invasive and metastatic properties of hormone-independent but hormone-responsive variants of MCF-7 human breast cancer cells. <i>Clinical and Experimental Metastasis</i> , 1993, 11, 15-26.	1.7	71
61	Identification of twenty alternatively spliced estrogen receptor alpha mRNAs in breast cancer cell lines and tumors using splice targeted primer approach. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 72, 249-258.	1.2	68
62	Disruption of estrogen receptor DNA-binding domain and related intramolecular communication restores tamoxifen sensitivity in resistant breast cancer. <i>Cancer Cell</i> , 2006, 10, 487-499.	7.7	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. <i>Cancer Research</i> , 1994, 54, 825-31.	0.4	68
64	Dietary modulation of pregnancy estrogen levels and breast cancer risk among female rat offspring. <i>Clinical Cancer Research</i> , 2002, 8, 3601-10.	3.2	68
65	Dynamic Modeling of the Interaction Between Autophagy and Apoptosis in Mammalian Cells. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2015, 4, 263-272.	1.3	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. <i>International Journal of Cancer</i> , 1994, 56, 295-300.	2.3	66
67	IFN γ Restores Breast Cancer Sensitivity to Fulvestrant by Regulating STAT1, IFN Regulatory Factor 1, NF- κ B, BCL2 Family Members, and Signaling to Caspase-Dependent Apoptosis. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1274-1285.	1.9	66
68	Two-dimensional gel electrophoresis analyses identify nucleophosmin as an estrogen regulated protein associated with acquired estrogen-independence in human breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1998, 67, 391-402.	1.2	65
69	The influence of maternal diet on breast cancer risk among female offspring. <i>Nutrition</i> , 1999, 15, 392-401.	1.1	65
70	The role of X-box binding protein-1 in tumorigenicity. <i>Drug News and Perspectives</i> , 2009, 22, 241.	1.9	64
71	Reversal of Tamoxifen Resistance of Human Breast Carcinomas In Vivo by Neutralizing Antibodies to Transforming Growth Factor- β . <i>Journal of the National Cancer Institute</i> , 1999, 91, 46-53.	3.0	63
72	Interferon Regulatory Factor-1 Mediates the Proapoptotic but Not Cell Cycle Arrest Effects of the Steroidal Antiestrogen ICI 182,780 (Faslodex, Fulvestrant). <i>Cancer Research</i> , 2004, 64, 4030-4039.	0.4	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. <i>FASEB Journal</i> , 2015, 29, 1646-1652.	0.2	63
74	The p160 family coactivators regulate breast cancer cell proliferation and invasion through autocrine/paracrine activity of SDF-1 α /CXCL12. <i>Carcinogenesis</i> , 2005, 26, 1706-1715.	1.3	61
75	Caveolin-1 Tyrosine Phosphorylation Enhances Paclitaxel-mediated Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2007, 282, 5934-5943.	1.6	61
76	Hormonal carcinogenesis in breast cancer: cellular and molecular studies of malignant progression. <i>Breast Cancer Research and Treatment</i> , 1994, 31, 237-248.	1.1	60
77	UNDO: a Bioconductor R package for unsupervised deconvolution of mixed gene expressions in tumor samples. <i>Bioinformatics</i> , 2015, 31, 137-139.	1.8	60
78	Co-Inhibition of BCL-W and BCL2 Restores Antiestrogen Sensitivity through BECN1 and Promotes an Autophagy-Associated Necrosis. <i>PLoS ONE</i> , 2010, 5, e8604.	1.1	60
79	The nuclear factor kappa B inhibitor parthenolide restores ICI 182,780 (Faslodex; fulvestrant)-induced apoptosis in antiestrogen-resistant breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 33-41.	1.9	59
80	Hormone resistance, invasiveness, and metastatic potential in breast cancer. <i>Breast Cancer Research and Treatment</i> , 1993, 24, 227-239.	1.1	58
81	G-DOC: A Systems Medicine Platform for Personalized Oncology. <i>Neoplasia</i> , 2011, 13, 771-783.	2.3	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). <i>Journal of Biological Chemistry</i> , 2012, 287, 17682-17692.	1.6	58
83	Maternal and Prepubertal Diet, Mammary Development and Breast Cancer Risk. <i>Journal of Nutrition</i> , 2001, 131, 154S-157S.	1.3	57
84	Approaches to working in high-dimensional data spaces: gene expression microarrays. <i>British Journal of Cancer</i> , 2008, 98, 1023-1028.	2.9	57
85	Gamma-tocotrienol induced apoptosis is associated with unfolded protein response in human breast cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 93-100.	1.9	57
86	Mathematical modelling of transcriptional heterogeneity identifies novel markers and subpopulations in complex tissues. <i>Scientific Reports</i> , 2016, 6, 18909.	1.6	57
87	Radiogenomic signatures reveal multiscale intratumour heterogeneity associated with biological functions and survival in breast cancer. <i>Nature Communications</i> , 2020, 11, 4861.	5.8	57
88	Animal models of breast cancer: Their diversity and role in biomedical research. <i>Breast Cancer Research and Treatment</i> , 1996, 39, 1-6.	1.1	55
89	The process of malignant progression in human breast cancer. <i>Annals of Oncology</i> , 1990, 1, 401-407.	0.6	54
90	Mitochondria directly donate their membrane to form autophagosomes during a novel mechanism of parkin-associated mitophagy. <i>Cell and Bioscience</i> , 2014, 4, 16.	2.1	54

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91	Classification algorithms for phenotype prediction in genomics and proteomics. <i>Frontiers in Bioscience - Landmark</i> , 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. <i>Journal of Endocrinology</i> , 1989, 122, 331-340.	1.2	52
93	Effect of P-glycoprotein Expression on Sensitivity to Hormones in MCF-7 Human Breast Cancer Cells. <i>Journal of the National Cancer Institute</i> , 1992, 84, 1506-1512.	3.0	52
94	Issues in experimental design and endpoint analysis in the study of experimental cytotoxic agents in vivo in breast cancer and other models. <i>Breast Cancer Research and Treatment</i> , 1997, 46, 255-278.	1.1	52
95	Do estrogens always increase breast cancer risk?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 80, 163-174.	1.2	51
96	Autophagy inhibitor 3-methyladenine potentiates apoptosis induced by dietary tocotrienols in breast cancer cells. <i>European Journal of Nutrition</i> , 2015, 54, 265-272.	1.8	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. <i>Cancer Research</i> , 1994, 54, 441-7.	0.4	51
98	Application of Metabolomics in Drug Resistant Breast Cancer Research. <i>Metabolites</i> , 2015, 5, 100-118.	1.3	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. <i>Cancer</i> , 2002, 94, 615-623.	2.0	49
100	Endocrine therapy resistance can be associated with high estrogen receptor $\hat{\pm}$ (ER $\hat{\pm}$) expression and reduced ER $\hat{\pm}$ phosphorylation in breast cancer models. <i>Endocrine-Related Cancer</i> , 2006, 13, 1121-1133.	1.6	49
101	Endoplasmic reticulum stress, the unfolded protein response, and gene network modeling in antiestrogen resistant breast cancer. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011, 5, 35-44.	0.3	49
102	GX15-070 (Obatoclax) Induces Apoptosis and Inhibits Cathepsin D- and L $\hat{\epsilon}$ -Mediated Autophagosomal Lysis in Antiestrogen-Resistant Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 448-459.	1.9	49
103	Analysis of tyrosine kinase mRNAs including four FGF receptor mRNAs expressed in MCF-7 breast-cancer cells. <i>International Journal of Cancer</i> , 1992, 50, 598-603.	2.3	47
104	The LCC15-MB Human Breast Cancer Cell Line Expresses Osteopontin and Exhibits an Invasive and Metastatic Phenotype. <i>Experimental Cell Research</i> , 1998, 241, 273-284.	1.2	47
105	ER $\hat{2}$ decreases breast cancer cell survival by regulating the IRE1/XBP-1 pathway. <i>Oncogene</i> , 2015, 34, 4130-4141.	2.6	45
106	Lifetime Genistein Intake Increases the Response of Mammary Tumors to Tamoxifen in Rats. <i>Clinical Cancer Research</i> , 2017, 23, 814-824.	3.2	45
107	Perinatal factors increase breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 1994, 31, 273-284.	1.1	43
108	Iterative normalization of cDNA microarray data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2002, 6, 29-37.	3.6	43

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109	Orphan nuclear receptors in breast cancer pathogenesis and therapeutic response. <i>Endocrine-Related Cancer</i> , 2010, 17, R213-R231.	1.6	43
110	The multidrug resistance phenotype: 31P nuclear magnetic resonance characterization and 2-deoxyglucose toxicity. <i>Cancer Research</i> , 1991, 51, 1638-44.	0.4	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. <i>Clinical Cancer Research</i> , 2013, 19, 3234-3246.	3.2	42
112	Glutamine Metabolism Drives Growth in Advanced Hormone Receptor Positive Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 686.	1.3	41
113	Mechanisms Mediating the Effects of Prepubertal (n-3) Polyunsaturated Fatty Acid Diet on Breast Cancer Risk in Rats. <i>Journal of Nutrition</i> , 2005, 135, 2946S-2952S.	1.3	40
114	Development of an immobilized P-glycoprotein stationary phase for on-line liquid chromatographic determination of drug-binding affinities. <i>Biomedical Applications</i> , 2000, 739, 33-37.	1.7	39
115	DDN: a caBIG [®] analytical tool for differential network analysis. <i>Bioinformatics</i> , 2011, 27, 1036-1038.	1.8	39
116	G-DOC Plus “an integrative bioinformatics platform for precision medicine. <i>BMC Bioinformatics</i> , 2016, 17, 193.	1.2	39
117	Alterations in behavior, steroid hormones and natural killer cell activity in male transgenic TGF β mice. <i>Brain Research</i> , 1992, 588, 97-103.	1.1	38
118	The Role of Interferon Regulatory Factor-1 (IRF1) in Overcoming Antiestrogen Resistance in the Treatment of Breast Cancer. <i>International Journal of Breast Cancer</i> , 2011, 2011, 1-9.	0.6	36
119	Network motif-based identification of transcription factor-target gene relationships by integrating multi-source biological data. <i>BMC Bioinformatics</i> , 2008, 9, 203.	1.2	35
120	Role of GRP78 in promoting therapeutic-resistant breast cancer. <i>Future Medicinal Chemistry</i> , 2015, 7, 1529-1534.	1.1	35
121	Constitutive Expression of the Steroid Sulfatase Gene Supports the Growth of MCF-7 Human Breast Cancer Cells in Vitro and in Vivo*. <i>Endocrinology</i> , 2001, 142, 1497-1505.	1.4	34
122	Reverse engineering module networks by PSO-RNN hybrid modeling. <i>BMC Genomics</i> , 2009, 10, S15.	1.2	34
123	Genome-wide identification of significant aberrations in cancer genome. <i>BMC Genomics</i> , 2012, 13, 342.	1.2	34
124	Identifying protein interaction subnetworks by a bagging Markov random field-based method. <i>Nucleic Acids Research</i> , 2013, 41, e42-e42.	6.5	34
125	Frequent loss of heterozygosity at the interferon regulatory factor-1 gene locus in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010, 121, 227-231.	1.1	33
126	Competitive and Allosteric Interactions in Ligand Binding to P-glycoprotein as Observed on an Immobilized P-glycoprotein Liquid Chromatographic Stationary Phase. <i>Molecular Pharmacology</i> , 2001, 59, 62-68.	1.0	32

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127	Block principal component analysis with application to gene microarray data classification. <i>Statistics in Medicine</i> , 2002, 21, 3465-3474.	0.8	32
128	The Biology of Breast Tumor Progression: Acquisition of hormone independence and resistance to cytotoxic drugs. <i>Acta Oncologica</i> , 1992, 31, 115-123.	0.8	31
129	Inhibition of growth of MCF-7 human breast carcinoma in nude mice by treatment with agonists or antagonists of LH-RH. <i>Breast Cancer Research and Treatment</i> , 1992, 21, 35-45.	1.1	31
130	Interferon Regulatory Factor-1 Signaling Regulates the Switch between Autophagy and Apoptosis to Determine Breast Cancer Cell Fate. <i>Cancer Research</i> , 2015, 75, 1046-1055.	0.4	31
131	Mathematical models of the transitions between endocrine therapy responsive and resistant states in breast cancer. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140206.	1.5	30
132	BMRF-Net: a software tool for identification of protein interaction subnetworks by a bagging Markov random field-based method. <i>Bioinformatics</i> , 2015, 31, 2412-2414.	1.8	30
133	Inhibition of BET proteins impairs estrogen-mediated growth and transcription in breast cancers by pausing RNA polymerase advancement. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 265-278.	1.1	30
134	Autophagy and unfolded protein response (UPR) regulate mammary gland involution by restraining apoptosis-driven irreversible changes. <i>Cell Death Discovery</i> , 2018, 4, 40.	2.0	30
135	IGF-I and IGF-II expression in human breast cancer xenografts: Relationship to hormone independence. <i>Breast Cancer Research and Treatment</i> , 1992, 22, 39-45.	1.1	29
136	Acquired estrogen independence and antiestrogen resistance in breast cancer. <i>Trends in Endocrinology and Metabolism</i> , 1996, 7, 291-301.	3.1	29
137	C-7 Analogues of Progesterone as Potent Inhibitors of the P-Glycoprotein Efflux Pump. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 390-398.	2.9	29
138	Optimized multilayer perceptrons for molecular classification and diagnosis using genomic data. <i>Bioinformatics</i> , 2006, 22, 755-761.	1.8	29
139	Acquisition of estrogen independence induces TOB1-related mechanisms supporting breast cancer cell proliferation. <i>Oncogene</i> , 2016, 35, 1643-1656.	2.6	29
140	EGR1 regulates cellular metabolism and survival in endocrine resistant breast cancer. <i>Oncotarget</i> , 2017, 8, 96865-96884.	0.8	29
141	VAV3 mediates resistance to breast cancer endocrine therapy. <i>Breast Cancer Research</i> , 2014, 16, R53.	2.2	28
142	Soluble E-cadherin activates HER and IAP family members in HER2+ and TNBC human breast cancers. <i>Molecular Carcinogenesis</i> , 2014, 53, 893-906.	1.3	28
143	Effects of In Utero Exposure to Ethinyl Estradiol on Tamoxifen Resistance and Breast Cancer Recurrence in a Preclinical Model. <i>Journal of the National Cancer Institute</i> , 2017, 109, djw188.	3.0	28
144	Where do selective estrogen receptor modulators (SERMs) and aromatase inhibitors (AIs) now fit into breast cancer treatment algorithms?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2001, 79, 227-237.	1.2	27

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145	Heat shock 70 kDa protein 5/glucose-regulated protein 78 α AMP α ing up autophagy. <i>Autophagy</i> , 2012, 8, 1827-1829.	4.3	27
146	Unfolding the Role of Stress Response Signaling in Endocrine Resistant Breast Cancers. <i>Frontiers in Oncology</i> , 2015, 5, 140.	1.3	27
147	The kinetics of methotrexate polyglutamate formation and efflux in a human breast cancer cell line (MDA.MB.436): The effect of insulin. <i>Biochemical Pharmacology</i> , 1983, 32, 41-46.	2.0	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. <i>Journal of Neuroscience</i> , 2011, 31, 8329-8341.	1.7	26
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