

Robert Clarke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6834968/publications.pdf>

Version: 2024-02-01

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	Comparative assessment and novel strategy on methods for imputing proteomics data. Scientific Reports, 2022, 12, 1067.	1.6	8
2	swCAM: estimation of subtype-specific expressions in individual samples with unsupervised sample-wise deconvolution. Bioinformatics, 2022, 38, 1403-1410.	1.8	5
3	COT: an efficient and accurate method for detecting marker genes among many subtypes. Bioinformatics Advances, 2022, 2, .	0.9	5
4	IntAPT: integrated assembly of phenotype-specific transcripts from multiple RNA-seq profiles. Bioinformatics, 2021, 37, 650-658.	1.8	1
5	Experimental models of endocrine responsive breast cancer: strengths, limitations, and use. , 2021, 4, 762-783.		8
6	ChIP-BIT2: a software tool to detect weak binding events using a Bayesian integration approach. BMC Bioinformatics, 2021, 22, 193.	1.2	0
7	Inhibition of Antiestrogen-Promoted Pro-Survival Autophagy and Tamoxifen Resistance in Breast Cancer through Vitamin D Receptor. Nutrients, 2021, 13, 1715.	1.7	14
8	ChIP-GSM: Inferring active transcription factor modules to predict functional regulatory elements. PLoS Computational Biology, 2021, 17, e1009203.	1.5	2
9	Data-driven detection of subtype-specific differentially expressed genes. Scientific Reports, 2021, 11, 332.	1.6	9
10	Identifying intracellular signaling modules and exploring pathways associated with breast cancer recurrence. Scientific Reports, 2021, 11, 385.	1.6	6
11	Biomedical image characterization and radiogenomics. , 2020, , 585-613.		1
12	Î² kinase-Î¼-mediated phosphorylation triggers IRF-1 degradation in breast cancer cells. Neoplasia, 2020, 22, 459-469.	2.3	8
13	A systems biology approach to discovering pathway signaling dysregulation in metastasis. Cancer and Metastasis Reviews, 2020, 39, 903-918.	2.7	11
14	Radiogenomic signatures reveal multiscale intratumour heterogeneity associated with biological functions and survival in breast cancer. Nature Communications, 2020, 11, 4861.	5.8	57
15	Preface. Cancer and Metastasis Reviews, 2020, 39, 579-579.	2.7	0
16	BICORN: An R package for integrative inference of de novo cis-regulatory modules. Scientific Reports, 2020, 10, 7960.	1.6	2
17	RNA interference screening methods to identify proliferation determinants and mechanisms of resistance to immune attack. Methods in Enzymology, 2020, 636, 299-322.	0.4	3
18	debCAM: a bioconductor R package for fully unsupervised deconvolution of complex tissues. Bioinformatics, 2020, 36, 3927-3929.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Maternal obesity increases offspring's mammary cancer recurrence and impairs tumor immune response. <i>Endocrine-Related Cancer</i> , 2020, 27, 469-482.	1.6	10
20	Glutamine Metabolism Drives Growth in Advanced Hormone Receptor Positive Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 686.	1.3	41
21	Poly-ADP-Ribosylation of Estrogen Receptor-Alpha by PARP1 Mediates Antiestrogen Resistance in Human Breast Cancer Cells. <i>Cancers</i> , 2019, 11, 43.	1.7	9
22	Role of Protein Translation in Unfolded Protein Response. <i>Cancer Drug Discovery and Development</i> , 2019, , 109-120.	0.2	0
23	Estrogen-Induced Apoptosis in Breast Cancers Is Phenocopied by Blocking Dephosphorylation of Eukaryotic Initiation Factor 2 Alpha (eIF2 α) Protein. <i>Molecular Cancer Research</i> , 2019, 17, 918-928.	1.5	15
24	Systems biology: perspectives on multiscale modeling in research on endocrine-related cancers. <i>Endocrine-Related Cancer</i> , 2019, 26, R345-R368.	1.6	14
25	Introduction: The Unfolded Protein Response. <i>Cancer Drug Discovery and Development</i> , 2019, , 1-15.	0.2	0
26	Roles of Spliced and Unspliced XBP1 in Breast Cancer. <i>Cancer Drug Discovery and Development</i> , 2019, , 121-132.	0.2	0
27	The Unfolded Protein Response as an Integrator of Response to Endocrine Therapy in Estrogen Receptor Positive Breast Cancer. <i>Cancer Drug Discovery and Development</i> , 2019, , 163-180.	0.2	0
28	Effects of Jaeumkanghwa-tang on tamoxifen responsiveness in preclinical ER+ breast cancer model. <i>Endocrine-Related Cancer</i> , 2019, 26, 339-353.	1.6	2
29	CRNET: an efficient sampling approach to infer functional regulatory networks by integrating large-scale ChIP-seq and time-course RNA-seq data. <i>Bioinformatics</i> , 2018, 34, 1733-1740.	1.8	20
30	Sparselso: a novel Bayesian approach to identify alternatively spliced isoforms from RNA-seq data. <i>Bioinformatics</i> , 2018, 34, 56-63.	1.8	7
31	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
32	Dielectrophoretic properties distinguish responses to estrogen and fulvestrant in breast cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 186-194.	4.0	3
33	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
34	Breast cancer cell obatoclax response characterization using passivated electrode insulator-based dielectrophoresis. <i>Electrophoresis</i> , 2017, 38, 1988-1995.	1.3	23
35	Introduction: Cancer Gene Networks. <i>Methods in Molecular Biology</i> , 2017, 1513, 1-9.	0.4	7
36	DM-BLD: differential methylation detection using a hierarchical Bayesian model exploiting local dependency. <i>Bioinformatics</i> , 2017, 33, 161-168.	1.8	17

#	ARTICLE	IF	CITATIONS
37	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
38	PSSV: a novel pattern-based probabilistic approach for somatic structural variation identification. <i>Bioinformatics</i> , 2017, 33, 177-183.	1.8	5
39	EGR1 regulates cellular metabolism and survival in endocrine resistant breast cancer. <i>Oncotarget</i> , 2017, 8, 96865-96884.	0.8	29
40	Autophagy, Inflammation, and Breast Cancer Risk. , 2017, , 359-372.		0
41	CyNetSVM: A Cytoscape App for Cancer Biomarker Identification Using Network Constrained Support Vector Machines. <i>PLoS ONE</i> , 2017, 12, e0170482.	1.1	5
42	RNA Interference Screening to Identify Proliferation Determinants in Breast Cancer Cells. <i>Bio-protocol</i> , 2017, 7, .	0.2	0
43	Abstract P3-04-12: Both spliced and unspliced XBP1 regulates breast cancer cell fate response to antiestrogen via NFkappaB signaling. , 2017, , .		0
44	Abstract P4-10-01: Estrogen induced apoptosis can be mimicked by targeting unfolded protein response. , 2017, , .		0
45	Abstract P4-10-02: Transmembrane protein 33 (TMEM33) induces apoptosis via UPR signaling and autophagy in breast cancer cells. , 2017, , .		0
46	Abstract 2164: BLID is a novel drug-inducible apoptotic molecule: Identification of an integrative mechanism of chemosensitivity in breast cancer cells. , 2017, , .		0
47	Abstract 2604: The Georgetown Database of Cancer (G-DOC): A web-based data sharing platform for precision medicine. , 2017, , .		2
48	Abstract 2329: TMEM33 induces apoptosis via UPR signaling and autophagy in breast cancer cells. , 2017, , .		0
49	Associations of Epicardial, Abdominal, and Overall Adiposity With Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	2.1	141
50	Mathematical modelling of transcriptional heterogeneity identifies novel markers and subpopulations in complex tissues. <i>Scientific Reports</i> , 2016, 6, 18909.	1.6	57
51	Social isolation induces autophagy in the mouse mammary gland: link to increased mammary cancer risk. <i>Endocrine-Related Cancer</i> , 2016, 23, 839-856.	1.6	17
52	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
53	Biologically inspired survival analysis based on integrating gene expression as mediator with genomic variants. <i>Computers in Biology and Medicine</i> , 2016, 77, 231-239.	3.9	1
54	G-DOC Plus “an integrative bioinformatics platform for precision medicine. <i>BMC Bioinformatics</i> , 2016, 17, 193.	1.2	39

#	ARTICLE	IF	CITATIONS
55	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
56	ChIP-BIT: Bayesian inference of target genes using a novel joint probabilistic model of ChIP-seq profiles. <i>Nucleic Acids Research</i> , 2016, 44, e65-e65.	6.5	15
57	Linking autophagy with inflammation through IRF1 signaling in ER+ breast cancer. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1023928.	0.3	4
58	Acquisition of estrogen independence induces TOB1-related mechanisms supporting breast cancer cell proliferation. <i>Oncogene</i> , 2016, 35, 1643-1656.	2.6	29
59	Fat saturation has no effect on glycaemic or satiety response to a high GI carbohydrate meal in healthy women. <i>Proceedings of the Nutrition Society</i> , 2015, 74, .	0.4	0
60	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
61	BACOM2.0 facilitates absolute normalization and quantification of somatic copy number alterations in heterogeneous tumor. <i>Scientific Reports</i> , 2015, 5, 13955.	1.6	6
62	S88â€¦The viral mimic polyinosinic: polycytidylic acid (Poly I:C) induces TRPA1 channel hyper-responsiveness in an adult human stem cell-derived sensory neuronal model. <i>Thorax</i> , 2015, 70, A50.2-A51.	2.7	1
63	BMRF-MI: integrative identification of protein interaction network by modeling the gene dependency. <i>BMC Genomics</i> , 2015, 16, S10.	1.2	4
64	Overcoming cancer resistance. <i>Future Medicinal Chemistry</i> , 2015, 7, 1471-1471.	1.1	0
65	Blockage of Lysosomal Degradation Is Detrimental to Cancer Cell Survival. , 2015, , 121-133.		2
66	Application of Metabolomics in Drug Resistant Breast Cancer Research. <i>Metabolites</i> , 2015, 5, 100-118.	1.3	50
67	Unfolding the Role of Stress Response Signaling in Endocrine Resistant Breast Cancers. <i>Frontiers in Oncology</i> , 2015, 5, 140.	1.3	27
68	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
69	Comparison of tamoxifen and letrozole response in mammary preneoplasia of ER and aromatase overexpressing mice defines an immune-associated gene signature linked to tamoxifen resistance. <i>Carcinogenesis</i> , 2015, 36, 122-132.	1.3	16
70	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
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	Molecular mechanisms of tamoxifen-associated endometrial cancer (Review). <i>Oncology Letters</i> , 2015, 9, 1495-1501.	0.8	102
74	The Changing Spectrum of Biomedical and Clinical Research. , 2015, , 137-148.		0
75	Endocrine resistance in breast cancer – An overview and update. <i>Molecular and Cellular Endocrinology</i> , 2015, 418, 220-234.	1.6	280
76	TMEM33: a new stress-inducible endoplasmic reticulum transmembrane protein and modulator of the unfolded protein response signaling. <i>Breast Cancer Research and Treatment</i> , 2015, 153, 285-297.	1.1	26
77	Role of GRP78 in promoting therapeutic-resistant breast cancer. <i>Future Medicinal Chemistry</i> , 2015, 7, 1529-1534.	1.1	35
78	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
79	ER ² decreases breast cancer cell survival by regulating the IRE1/XBP-1 pathway. <i>Oncogene</i> , 2015, 34, 4130-4141.	2.6	45
80	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
81	KDDN: an open-source Cytoscape app for constructing differential dependency networks with significant rewiring. <i>Bioinformatics</i> , 2015, 31, 287-289.	1.8	17
82	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
83	A new class of small molecule estrogen receptor-alpha antagonists that overcome anti-estrogen resistance. <i>Oncotarget</i> , 2015, 6, 40388-40404.	0.8	4
84	Integrating Proteotoxic Stress Response Pathways for Induction of Cell Death in Cancer Cells: Molecular Mechanisms and Therapeutic Opportunities. , 2015, , 183-202.		0
85	Blockage of Lysosomal Degradation is Detrimental to Cancer Cell Survival. , 2014, , 269-281.		0
86	Integrative Analysis Workflow for Untargeted Metabolomics in Translational Research. <i>Metabolomics: Open Access</i> , 2014, 04, .	0.1	3
87	Aromatase inhibitor plus ovarian suppression as adjuvant therapy in premenopausal women with breast cancer. <i>Cancer Biology and Therapy</i> , 2014, 15, 1586-1587.	1.5	15
88	BSSV: Bayesian based somatic structural variation identification with whole genome DNA-seq data. , 2014, 2014, 3937-40.		2
89	BADGE: A novel Bayesian model for accurate abundance quantification and differential analysis of RNA-Seq data. <i>BMC Bioinformatics</i> , 2014, 15, S6.	1.2	11
90	Small-Molecule –BRCA1-Mimetics– Are Antagonists of Estrogen Receptor- α . <i>Molecular Endocrinology</i> , 2014, 28, 1971-1986.	3.7	4

#	ARTICLE	IF	CITATIONS
91	AISAIC: a software suite for accurate identification of significant aberrations in cancers. <i>Bioinformatics</i> , 2014, 30, 431-433.	1.8	10
92	Integration of Network Biology and Imaging to Study Cancer Phenotypes and Responses. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2014, 11, 1009-1019.	1.9	15
93	Robust identification of transcriptional regulatory networks using a Gibbs sampler on outlier sum statistic. <i>Bioinformatics</i> , 2014, 30, 2242-2242.	1.8	0
94	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
95	When is a vesicle not just a vesicle: mitochondrial spheroids and mitochondrial autophagosomes. <i>Cell and Bioscience</i> , 2014, 4, 66.	2.1	7
96	VAV3 mediates resistance to breast cancer endocrine therapy. <i>Breast Cancer Research</i> , 2014, 16, R53.	2.2	28
97	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
98	Chloroquine Inhibits Autophagy to Potentiate Antiestrogen Responsiveness in ER+ Breast Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 3222-3232.	3.2	176
99	A Markov random field-based Bayesian model to identify genes with differential methylation. , 2014, , .		0
100	Knowledge-fused differential dependency network models for detecting significant rewiring in biological networks. <i>BMC Systems Biology</i> , 2014, 8, 87.	3.0	26
101	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
102	Inhibiting glucose-regulated protein 78 modulates lipid metabolism through controlling stearyl-CoA desaturase 1. <i>Cancer & Metabolism</i> , 2014, 2, .	2.4	0
103	Glutamine metabolism and the unfolded protein response in MYC-driven breast cancer. <i>Cancer & Metabolism</i> , 2014, 2, .	2.4	1
104	Enhancing Reproducibility in Cancer Drug Screening: How Do We Move Forward?. <i>Cancer Research</i> , 2014, 74, 4016-4023.	0.4	90
105	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
106	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
107	Unsupervised Deconvolution of Dynamic Imaging Reveals Intratumor Vascular Heterogeneity and Repopulation Dynamics. <i>PLoS ONE</i> , 2014, 9, e112143.	1.1	15
108	Do conditionally reprogrammed cell cultures represent the tumors they have been isolated from with high fidelity?. <i>Journal of Clinical Oncology</i> , 2014, 32, e22140-e22140.	0.8	0

#	ARTICLE	IF	CITATIONS
109	Estrogen receptor- α signaling and localization regulates autophagy and unfolded protein response activation in ER+ breast cancer. <i>Receptors & Clinical Investigation</i> , 2014, 1, .	0.9	9
110	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
111	mAPC-GibbsOS: an integrated approach for robust identification of gene regulatory networks. <i>BMC Systems Biology</i> , 2013, 7, S4.	3.0	8
112	Reconstruction of Transcriptional Regulatory Networks by Stability-Based Network Component Analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013, 10, 1347-1358.	1.9	12
113	Modelling the effect of GRP78 on anti-oestrogen sensitivity and resistance in breast cancer. <i>Interface Focus</i> , 2013, 3, 20130012.	1.5	26
114	Modeling the estrogen receptor to growth factor receptor signaling switch in human breast cancer cells. <i>FEBS Letters</i> , 2013, 587, 3327-3334.	1.3	24
115	Identifying Early Events of Gene Expression in Breast Cancer with Systems Biology Phylogenetics. <i>Cytogenetic and Genome Research</i> , 2013, 139, 206-214.	0.6	13
116	Targeting GRP78 and antiestrogen resistance in breast cancer. <i>Future Medicinal Chemistry</i> , 2013, 5, 1047-1057.	1.1	26
117	Module-based breast cancer classification. <i>International Journal of Data Mining and Bioinformatics</i> , 2013, 7, 284.	0.1	16
118	Reconstructing transcriptional regulatory networks by probabilistic network component analysis. , 2013, , .		1
119	Advancing Translational Research through Facility Design in Non-AMC Hospitals. <i>Herd</i> , 2013, 6, 126-137.	0.9	3
120	Identifying protein interaction subnetworks by a bagging Markov random field-based method. <i>Nucleic Acids Research</i> , 2013, 41, e42-e42.	6.5	34
121	GX15-070 (Obatoclox) Induces Apoptosis and Inhibits Cathepsin D- and L α -Mediated Autophagosomal Lysis in Antiestrogen-Resistant Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 448-459.	1.9	49
122	In Silico Discovery of Mitosis Regulation Networks Associated with Early Distant Metastases in Estrogen Receptor Positive Breast Cancers. <i>Cancer Informatics</i> , 2013, 12, CIN.S10329.	0.9	15
123	A novel statistical approach to identify co-regulatory gene modules. , 2013, , .		2
124	Genomic and network analysis to study the origin of ovarian cancer. <i>Systems Biomedicine (Austin, Tex)</i> Tj ETQq0 0 0,rgBT /Overlock 10	0.7	1
125	ANTI-HORMONE DRUG RESISTANCE. , 2013, , 295-323.		0
126	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

#	ARTICLE	IF	CITATIONS
127	Effect of Berry Extracts and Bioactive Compounds on Fulvestrant (ICI 182,780) Sensitive and Resistant Cell Lines. <i>International Journal of Breast Cancer</i> , 2012, 2012, 1-11.	0.6	7
128	Interaction of dietary polyphenols with molecular signaling pathways of antiestrogen resistance: possible role in breast cancer recurrence. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2012, 9, 127-41.	0.3	9
129	Glucose-Regulated Protein 78 Controls Cross-talk between Apoptosis and Autophagy to Determine Antiestrogen Responsiveness. <i>Cancer Research</i> , 2012, 72, 3337-3349.	0.4	133
130	Antiestrogen resistance and the application of systems biology. <i>Drug Discovery Today Disease Mechanisms</i> , 2012, 9, e11-e17.	0.8	3
131	Sampling-Based Subnetwork Identification from Microarray Data and Protein-Protein Interaction Network. , 2012, , .		0
132	Accurate identification of significant aberrations in contaminated cancer genome. , 2012, , .		0
133	Genome-wide identification of significant aberrations in cancer genome. <i>BMC Genomics</i> , 2012, 13, 342.	1.2	34
134	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
135	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
136	Influence of Berry Polyphenols on Receptor Signaling and Cell-Death Pathways: Implications for Breast Cancer Prevention. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5693-5708.	2.4	106
137	Robust identification of transcriptional regulatory networks using a Gibbs sampler on outlier sum statistic. <i>Bioinformatics</i> , 2012, 28, 1990-1997.	1.8	8
138	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
139	Regulatory component analysis: A semi-blind extraction approach to infer gene regulatory networks with imperfect biological knowledge. <i>Signal Processing</i> , 2012, 92, 1902-1915.	2.1	4
140	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
141	Vitamin E succinate inhibits survivin and induces apoptosis in pancreatic cancer cells. <i>Genes and Nutrition</i> , 2012, 7, 83-89.	1.2	19
142	Reconstruction of Transcription Regulatory Networks by Stability-Based Network Component Analysis. <i>Lecture Notes in Computer Science</i> , 2012, , 36-47.	1.0	0
143	G-DOC: A Systems Medicine Platform for Personalized Oncology. <i>Neoplasia</i> , 2011, 13, 771-783.	2.3	58
144	G-CODE: enabling systems medicine through innovative informatics. <i>Genome Biology</i> , 2011, 12, .	13.9	4

#	ARTICLE	IF	CITATIONS
145	Cannibalism, cell survival, and endocrine resistance in breast cancer. <i>Breast Cancer Research</i> , 2011, 13, 311.	2.2	9
146	Dynamic modelling of oestrogen signalling and cell fate in breast cancer cells. <i>Nature Reviews Cancer</i> , 2011, 11, 523-532.	12.8	179
147	Autophagy and endocrine resistance in breast cancer. <i>Expert Review of Anticancer Therapy</i> , 2011, 11, 1283-1294.	1.1	137
148	Identifying cancer biomarkers by network-constrained support vector machines. <i>BMC Systems Biology</i> , 2011, 5, 161.	3.0	76
149	Motif-guided sparse decomposition of gene expression data for regulatory module identification. <i>BMC Bioinformatics</i> , 2011, 12, 82.	1.2	13
150	NTP&EERHR 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
151	DDN: a caBIG&A analytical tool for differential network analysis. <i>Bioinformatics</i> , 2011, 27, 1036-1038.	1.8	39
152	GIST: A Gibbs sampler to identify intracellular signal transduction pathways. , 2011, 2011, 2434-7.		1
153	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
154	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
155	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
156	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
157	PUGSVM: a caBIGTM analytical tool for multiclass gene selection and predictive classification. <i>Bioinformatics</i> , 2011, 27, 736-738.	1.8	19
158	BCL2 and CASP8 regulation by NF&EKB differentially affect mitochondrial function and cell fate in antiestrogen&E;sensitive and &E;resistant breast cancer cells. <i>FASEB Journal</i> , 2010, 24, 2040-2055.	0.2	76
159	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
160	Knowledge-guided gene ranking by coordinative component analysis. <i>BMC Bioinformatics</i> , 2010, 11, 162.	1.2	8
161	IFN&E;3 Restores Breast Cancer Sensitivity to Fulvestrant by Regulating STAT1, IFN Regulatory Factor 1, NF-&E;B, BCL2 Family Members, and Signaling to Caspase-Dependent Apoptosis. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1274-1285.	1.9	66
162	Changes in mammary caveolin-1 signaling pathways are associated with breast cancer risk in rats exposed to estradiol in utero or during prepuberty. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 2, 227-234.	0.3	3

#	ARTICLE	IF	CITATIONS
163	Multilevel support vector regression analysis to identify condition-specific regulatory networks. <i>Bioinformatics</i> , 2010, 26, 1416-1422.	1.8	20
164	Module-based biomarker discovery in breast cancer. , 2010, , .		2
165	The Proapoptotic Molecule BLID Interacts with Bcl-XL and Its Downregulation in Breast Cancer Correlates with Poor Disease-Free and Overall Survival. <i>Clinical Cancer Research</i> , 2010, 16, 2939-2948.	3.2	18
166	Orphan nuclear receptors in breast cancer pathogenesis and therapeutic response. <i>Endocrine-Related Cancer</i> , 2010, 17, R213-R231.	1.6	43
167	DBC-1 mediates endocrine resistant breast cancer cell survival. <i>Cell Cycle</i> , 2010, 9, 1218-1219.	1.3	14
168	Identification of Transcriptional Regulatory Networks by Learning the Marginal Function of Outlier Sum Statistic. , 2010, , .		0
169	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
170	Reconstruction of Gene Regulatory Modules in Cancer Cell Cycle by Multi-Source Data Integration. <i>PLoS ONE</i> , 2010, 5, e10268.	1.1	13
171	Cross phenotype normalization of microarray data. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 171-186.	0.9	1
172	Signaling Pathways in the Normal and Neoplastic Breast. , 2010, , 2699-2706.		0
173	A Systems Biology Approach to Identify Affected Regulatory and Signaling Circuits in Protein Interaction Networks. , 2009, , .		0
174	Learning a highly resolved tree of phenotypes using genomic data clustering. , 2009, , .		0
175	Differential dependency network analysis to identify condition-specific topological changes in biological networks. <i>Bioinformatics</i> , 2009, 25, 526-532.	1.8	127
176	Reverse engineering module networks by PSO-RNN hybrid modeling. <i>BMC Genomics</i> , 2009, 10, S15.	1.2	34
177	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
178	The role of preclinical animal models in breast cancer drug development. <i>Breast Cancer Research</i> , 2009, 11, S22.	2.2	17
179	Identification of condition-specific regulatory modules through multi-level motif and mRNA expression analysis. <i>International Journal of Computational Biology and Drug Design</i> , 2009, 2, 1.	0.3	0
180	Biomarker identification by knowledge-driven multilevel ICA and motif analysis. <i>International Journal of Data Mining and Bioinformatics</i> , 2009, 3, 365.	0.1	9

#	ARTICLE	IF	CITATIONS
181	The role of X-box binding protein-1 in tumorigenicity. Drug News and Perspectives, 2009, 22, 241.	1.9	64
182	Approaches to working in high-dimensional data spaces: gene expression microarrays. British Journal of Cancer, 2008, 98, 1023-1028.	2.9	57
183	The properties of high-dimensional data spaces: implications for exploring gene and protein expression data. Nature Reviews Cancer, 2008, 8, 37-49.	12.8	483
184	Network motif-based identification of transcription factor-target gene relationships by integrating multi-source biological data. BMC Bioinformatics, 2008, 9, 203.	1.2	35
185	caBIG, VISDA: Modeling, visualization, and discovery for cluster analysis of genomic data. BMC Bioinformatics, 2008, 9, 383.	1.2	12
186	Knowledge-guided multi-scale independent component analysis for biomarker identification. BMC Bioinformatics, 2008, 9, 416.	1.2	23
187	Motif-directed network component analysis for regulatory network inference. BMC Bioinformatics, 2008, 9, S21.	1.2	22
188	Network motif-based identification of breast cancer susceptibility genes. , 2008, 2008, 5696-9.		26
189	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.	0.7	21
190	ERR β Mediates Tamoxifen Resistance in Novel Models of Invasive Lobular Breast Cancer. Cancer Research, 2008, 68, 8908-8917.	0.4	97
191	Network-Constrained Support Vector Machine for Classification. , 2008, , .		0
192	Using Laser Tweezers For Manipulating Isolated Neurons In Vitro. Journal of Visualized Experiments, 2008, , .	0.2	2
193	Classification algorithms for phenotype prediction in genomics and proteomics. Frontiers in Bioscience - Landmark, 2008, 13, 691.	3.0	53
194	A ground truth based comparative study on clustering of gene expression data. Frontiers in Bioscience - Landmark, 2008, Volume, 3839.	3.0	5
195	Sparse Decomposition of Gene Expression Data to Infer Transcriptional Modules Guided by Motif Information. , 2008, , 244-255.		0
196	Annotating breast cancer microarray samples using ontologies. AMIA ... Annual Symposium proceedings, 2008, , 414-8.	0.2	0
197	Gene module identification from microarray data using nonnegative independent component analysis. Gene Regulation and Systems Biology, 2008, 1, 349-63.	2.3	9
198	Biomarker identification by knowledge-driven multi-scale independent component analysis. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
199	Caveolin-1 Tyrosine Phosphorylation Enhances Paclitaxel-mediated Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2007, 282, 5934-5943.	1.6	61
200	Progressive Loss of Estrogen Receptor β Cofactor Recruitment in Endocrine Resistance. <i>Molecular Endocrinology</i> , 2007, 21, 2615-2626.	3.7	21
201	Integrating multi-source biological data for transcriptional regulatory module discovery. , 2007, , .		0
202	VISDA: an open-source caBIG ² analytical tool for data clustering and beyond. <i>Bioinformatics</i> , 2007, 23, 2024-2027.	1.8	17
203	Gene Selection for Multiclass Prediction by Weighted Fisher Criterion. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2007, 2007, 1-15.	1.4	10
204	Human X-box binding protein β confers both estrogen independence and antiestrogen resistance in breast cancer cell lines. <i>FASEB Journal</i> , 2007, 21, 4013-4027.	0.2	169
205	Gene Module Identification from Microarray Data Using Nonnegative Independent Component Analysis. <i>Gene Regulation and Systems Biology</i> , 2007, 1, 117762500700100.	2.3	6
206	The A4396G polymorphism in interferon regulatory factor 1 is frequently expressed in breast cancer cell lines. <i>Cancer Genetics and Cytogenetics</i> , 2007, 175, 61-64.	1.0	17
207	Multi-drug resistance and breast cancer: A meta-analysis of MDR1 and its functional significance. <i>Journal of Clinical Oncology</i> , 2007, 25, 11010-11010.	0.8	1
208	An Iterative Nonlinear Regression Method for Microarray Data Normalization. <i>The Open Applied Informatics Journal</i> , 2007, 1, 11-19.	1.0	0
209	Composite Gene Module Discovery using Non-negative Independent Component Analysis. , 2006, , .		0
210	Meta-Analysis of Soy Intake and Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2006, 98, 459-471.	3.0	417
211	Learning the Tree of Phenotypes Using Genomic Data and VISDA. , 2006, , .		0
212	Inference of Gene Regulatory Networks from Time Course Gene Expression Data Using Neural Networks and Swarm Intelligence. , 2006, , .		10
213	Estrogen receptor alpha positive breast tumors and breast cancer cell lines share similarities in their transcriptome data structures. <i>International Journal of Oncology</i> , 2006, 29, 1581.	1.4	15
214	Latent Variable and nICA Modeling of Pathway Gene Module Composite. , 2006, 2006, 5872-5.		4
215	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. <i>International Journal of Oncology</i> , 2006, 28, 67.	1.4	18
216	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

#	ARTICLE	IF	CITATIONS
217	ALB1 gene amplification and the instability of polyQ encoding sequence in breast cancer cell lines. BMC Cancer, 2006, 6, 111.	1.1	13
218	Inferring Network Interactions Using Recurrent Neural Networks and Swarm Intelligence. , 2006, 2006, 4241-4.		6
219	Optimized multilayer perceptrons for molecular classification and diagnosis using genomic data. Bioinformatics, 2006, 22, 755-761.	1.8	29
220	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.	0.4	90
221	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. Endocrine-Related Cancer, 2006, 13, 1121-1133.	1.6	49
222	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.	1.4	22
223	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.	1.4	21
224	Multidrug Resistance/P-Glycoprotein and Breast Cancer: Review and Meta-Analysis. Seminars in Oncology, 2005, 32, 9-15.	0.8	127
225	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.	1.3	40
226	The p160 family coactivators regulate breast cancer cell proliferation and invasion through autocrine/paracrine activity of SDF-1 $\hat{\pm}$ /CXCL12. Carcinogenesis, 2005, 26, 1706-1715.	1.3	61
227	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
228	Antiestrogens, Aromatase Inhibitors, and Apoptosis in Breast Cancer. Vitamins and Hormones, 2005, 71, 201-237.	0.7	75
229	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.	1.9	59
230	Robust feature selection by weighted Fisher criterion for multiclass prediction in gene expression profiling. , 2004, , .		3
231	Expression of an estrogen receptor variant lacking exon 3 in derivatives of MCF-7 cells with acquired estrogen independence or tamoxifen resistance. Journal of Molecular Endocrinology, 2004, 32, 935-945.	1.1	8
232	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.	0.4	63
233	Evaluation of gene expression profile of keratinocytes in response to JP-8 jet fuel. Toxicology and Applied Pharmacology, 2004, 200, 93-102.	1.3	9
234	Gene selection in class space for molecular classification of cancer. Science in China Series F: Information Sciences, 2004, 47, 301.	1.1	2

#	ARTICLE	IF	CITATIONS
235	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
236	LCC15-MB Cells are MDA-MB-435: A Review of Misidentified Breast and prostate cell lines. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 535-541.	1.7	16
237	Discriminatory Mining of Gene Expression Microarray Data. <i>Journal of Signal Processing Systems</i> , 2003, 35, 255-272.	1.0	20
238	Antiestrogen resistance in breast cancer and the role of estrogen receptor signaling. <i>Oncogene</i> , 2003, 22, 7316-7339.	2.6	421
239	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
240	ATP binding cassette transporters and drug resistance in breast cancer.. <i>Endocrine-Related Cancer</i> , 2003, 10, 43-73.	1.6	215
241	Estrogen Withdrawal-Induced NF- κ B Activity and Bcl-3 Expression in Breast Cancer Cells: Roles in Growth and Hormone Independence. <i>Molecular and Cellular Biology</i> , 2003, 23, 6887-6900.	1.1	103
242	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
243	Do estrogens always increase breast cancer risk?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 80, 163-174.	1.2	51
244	Iterative normalization of cDNA microarray data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2002, 6, 29-37.	3.6	43
245	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
246	Block principal component analysis with application to gene microarray data classification. <i>Statistics in Medicine</i> , 2002, 21, 3465-3474.	0.8	32
247	Animal models of endocrine-responsive and -unresponsive breast cancers. , 2002, , 191-208.		0
248	Control of Proliferation in the Normal and Neoplastic Breast. , 2002, , 73-91.		0
249	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
250	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
251	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
252	Molecular and pharmacological aspects of antiestrogen resistance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2001, 76, 71-84.	1.2	125

#	ARTICLE	IF	CITATIONS
253	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
254	Maternal and Prepubertal Diet, Mammary Development and Breast Cancer Risk. <i>Journal of Nutrition</i> , 2001, 131, 154S-157S.	1.3	57
255	The enantioselective binding of mefloquine enantiomers to P-glycoprotein determined using an immobilized P-glycoprotein liquid chromatographic stationary phase. <i>Pharmaceutical Research</i> , 2001, 18, 1327-1330.	1.7	12
256	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
257	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
258	Constitutive Expression of the Steroid Sulfatase Gene Supports the Growth of MCF-7 Human Breast Cancer Cells in Vitro and in Vivo. , 2001, .		18
259	Cellular and molecular pharmacology of antiestrogen action and resistance. <i>Pharmacological Reviews</i> , 2001, 53, 25-71.	7.1	267
260	Breast cancer: dietary and environmental oestrogens. <i>Biologist</i> , 2001, 48, 21-6.	2.0	5
261	92nd AACR. Novel molecular targets and drugs. <i>IDrugs: the Investigational Drugs Journal</i> , 2001, 4, 504-6.	0.7	0
262	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
263	Introduction and overview: sex steroids in the mammary gland. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2000, 5, 245-250.	1.0	13
264	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
265	Reversal of Tamoxifen Resistance of Human Breast Carcinomas In Vivo by Neutralizing Antibodies to Transforming Growth Factor- α . <i>Journal of the National Cancer Institute</i> , 1999, 91, 46-53.	3.0	63
266	Use of ERE and Reporter Gene Constructs to Assess Putative Estrogenic Activity. <i>Journal of Medicinal Food</i> , 1999, 2, 143-149.	0.8	0
267	Prepubertal exposure to zearalenone or genistein reduces mammary tumorigenesis. <i>British Journal of Cancer</i> , 1999, 80, 1682-1688.	2.9	180
268	LCC15-MB: a vimentin-positive human breast cancer cell line from a femoral bone metastasis. <i>Clinical and Experimental Metastasis</i> , 1999, 17, 193-204.	1.7	11
269	Growth and phenotypic characterization of porcine coronary artery smooth muscle cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1999, 35, 136-143.	0.7	5
270	The influence of maternal diet on breast cancer risk among female offspring. <i>Nutrition</i> , 1999, 15, 392-401.	1.1	65

#	ARTICLE	IF	CITATIONS
271	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
272	Differential distribution of protein phosphatase 2A in human breast carcinoma cell lines and its relation to estrogen receptor status. <i>Cancer Letters</i> , 1999, 136, 143-151.	3.2	22
273	Inhibition of estrogen receptor function promotes porcine coronary artery smooth muscle cell proliferation. <i>Steroids</i> , 1999, 64, 472-480.	0.8	11
274	ER in normal and pre-cancerous breast. <i>Breast Cancer Research</i> , 1999, 1, 1.	2.2	1
275	Stromelysin-1 promotes mammary carcinogenesis. <i>Breast Cancer Research</i> , 1999, 1, 1.	2.2	1
276	Organochlorine pesticides: an effect on estrogen activity?. <i>Breast Cancer Research</i> , 1999, 2, 1.	2.2	0
277	Progesterone in mouse mammary gland carcinogenesis. <i>Breast Cancer Research</i> , 1999, 2, 1.	2.2	0
278	Maternal exposure to genistein during pregnancy increases carcinogen-induced mammary tumorigenesis in female rat offspring.. <i>Oncology Reports</i> , 1999, 6, 1089-95.	1.2	144
279	The Estrogenicity of Selected Nutrients, Phytochemicals, Pesticides, and Pollutants. , 1999, , 537-567.		0
280	Title is missing!. , 1998, 188, 5-12.		14
281	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
282	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
283	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
284	Timing of dietary fat exposure and mammary tumorigenesis: Role of estrogen receptor and protein kinase C activity. , 1998, , 5-12.		0
285	Timing of dietary fat exposure and mammary tumorigenesis: role of estrogen receptor and protein kinase C activity. <i>Molecular and Cellular Biochemistry</i> , 1998, 188, 5-12.	1.4	2
286	Autoantibodies to the nuclear phosphoprotein nucleophosmin in breast cancer patients. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 1998, 7, 1109-15.	1.1	17
287	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
288	Steroid metabolism in the hormone dependent MCF-7 human breast carcinoma cell line and its two hormone resistant subpopulations and. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997, 63, 275-281.	1.2	11

#	ARTICLE	IF	CITATIONS
289	A maternal diet high in n - 6 polyunsaturated fats alters mammary gland development, puberty onset, and breast cancer risk among female rat offspring. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9372-9377.	3.3	244
290	Animal models of breast cancer: experimental design and their use in nutrition and psychosocial research. Breast Cancer Research and Treatment, 1997, 46, 117-133.	1.1	22
291	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.	1.1	52
292	Induction of apoptosis by tamoxifen and ICI 182780 in primary breast cancer. , 1997, 72, 608-613.		104
293	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
294	Acquired estrogen independence and antiestrogen resistance in breast cancer. Trends in Endocrinology and Metabolism, 1996, 7, 291-301.	3.1	29
295	Specific binding of estradiol to rat coronary artery smooth muscle cells. Journal of Steroid Biochemistry and Molecular Biology, 1996, 58, 83-88.	1.2	17
296	Animal models of breast cancer: Their diversity and role in biomedical research. Breast Cancer Research and Treatment, 1996, 39, 1-6.	1.1	55
297	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
298	MDA435/LCC6 and MDA435/LCC6MDR1: ascites models of human breast cancer. British Journal of Cancer, 1996, 73, 154-161.	2.9	89
299	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.	3.0	75
300	Estrogens, Phytoestrogens, and Breast Cancer. Advances in Experimental Medicine and Biology, 1996, 401, 63-85.	0.8	26
301	Acquisition of an Antiestrogen-Resistant Phenotype in Breast Cancer: Role of Cellular and Molecular Mechanisms. Cancer Treatment and Research, 1996, 87, 263-283.	0.2	15
302	Mechanisms of Resistance to Antiestrogens and Their Implications for Crossresistance. , 1996, , 93-122.		0
303	Hormone dependence of breast cancer cells and the effects of tamoxifen and estrogen:31P NMR studies. Breast Cancer Research and Treatment, 1995, 33, 209-217.	1.1	16
304	Acquisition of estrogen independence and antiestrogen resistance in breast cancer: association with the invasive and metastatic phenotype. Endocrine-Related Cancer, 1995, 2, 27-35.	1.6	0
305	Cross-resistance and molecular mechanisms in antiestrogen resistance. Endocrine-Related Cancer, 1995, 2, 59-72.	1.6	16
306	Early Life Affects the Risk of Developing Breast Cancer. Annals of the New York Academy of Sciences, 1995, 768, 327-330.	1.8	8

#	ARTICLE	IF	CITATIONS
307	Psychosocial factors in the development and progression of breast cancer. <i>Breast Cancer Research and Treatment</i> , 1994, 29, 141-160.	1.1	89
308	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
309	Perinatal factors increase breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 1994, 31, 273-284.	1.1	43
310	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
311	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
312	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
313	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
314	Opposing behavioural alterations in male and female transgenic TGF β mice: association with tumour susceptibility. <i>British Journal of Cancer</i> , 1993, 67, 1026-1030.	2.9	15
315	Hormone resistance, invasiveness, and metastatic potential in breast cancer. <i>Breast Cancer Research and Treatment</i> , 1993, 24, 227-239.	1.1	58
316	MCF7/LCC2: a 4-hydroxytamoxifen resistant human breast cancer variant that retains sensitivity to the steroidal antiestrogen ICI 182,780. <i>Cancer Research</i> , 1993, 53, 3229-32.	0.4	145
317	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
318	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
319	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
320	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
321	In vitro antineoplastic activity of C7-substituted mitomycin C analogues MC-77 and MC-62 against human breast-cancer cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 1992, 29, 290-296.	1.1	10
322	Hormonal aspects of breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 1992, 12, 1-23.	2.0	128
323	Inhibition of growth of MCF-7 Mill 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
324	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

#	ARTICLE	IF	CITATIONS
325	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
326	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
327	Vascular Non-genomic Effects of Estrogen. , 1992, , 145-159.		4
328	The multidrug resistance phenotype: 31P nuclear magnetic resonance characterization and 2-deoxyglucose toxicity. <i>Cancer Research</i> , 1991, 51, 1638-44.	0.4	43
329	The process of malignant progression in human breast cancer. <i>Annals of Oncology</i> , 1990, 1, 401-407.	0.6	54
330	Reduction of the Membrane Fluidity of Human Breast Cancer Cells by Tamoxifen and 17beta-Estradiol. <i>Journal of the National Cancer Institute</i> , 1990, 82, 1702-1705.	3.0	105
331	Mechanisms of hormone and cytotoxic drug interactions in the development and treatment of breast cancer. <i>Progress in Clinical and Biological Research</i> , 1990, 322, 243-78.	0.2	2
332	Adverse interactions between cytotoxic drugs and hormonal agents in human breast cancer cells.. <i>Journal of Clinical Oncology</i> , 1989, 7, 1580-1582.	0.8	3
333	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
334	Regulation of Breast Cancer Cells by Hormones and Growth Factors: Effects on Proliferation and Basement Membrane Invasiveness. <i>Hormone Research</i> , 1989, 32, 242-249.	1.8	11
335	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> . <i>Molecular Endocrinology</i> , 1989, 3, 372-380.	3.7	115
336	Progression of human breast cancer cells from hormone-dependent to hormone-independent growth both <i>in vitro</i> and <i>in vivo</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 3649-3653.	3.3	160
337	Regulation of Human Breast Cancer by Secreted Growth Factors. <i>Acta OncolÃ³gica</i> , 1989, 28, 835-839.	0.8	22
338	Endocrine therapy of human breast cancer cells: the role of secreted polypeptide growth factors. <i>Cancer Cells</i> , 1989, 1, 81-6.	3.7	14
339	Conformational and receptor binding properties of human EGF and TGF- β second loop fragments. <i>Journal of Molecular Recognition</i> , 1988, 1, 116-123.	1.1	11
340	The ability of oestrogen to modulate the effects of cytotoxic drugs in human breast cancer cells: influence of oestrogen receptor status and choice of drug. <i>Biochemical Society Transactions</i> , 1987, 15, 242-243.	1.6	0
341	Morpho-functional effects of Phenol Red on oestrogen-sensitive breast cancer cells. <i>Biochemical Society Transactions</i> , 1987, 15, 244-244.	1.6	7
342	The response of human breast cancer cells to glucagon. <i>Biochemical Society Transactions</i> , 1987, 15, 241-242.	1.6	1

#	ARTICLE	IF	CITATIONS
343	Pharmacological and suprapharmacological concentrations of both 17β -oestradiol and tamoxifen reduce the membrane fluidity of MCF-7 and MDA-MB-436 human breast cancer cells. <i>Biochemical Society Transactions</i> , 1987, 15, 243-244.	1.6	15
344	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
345	The unoccupied estrogen receptor: Some comments on localization. <i>Steroids</i> , 1986, 48, 121-124.	0.8	7
346	Enhancement of methotrexate cytotoxicity towards the MDA.MB.436 human breast cancer cell line by dipyrindamole. <i>Biochemical Pharmacology</i> , 1986, 35, 3053-3056.	2.0	20
347	The effects of Mg^{2+} ions or EDTA on nuclear integrity and apparent subcellular distribution of unoccupied oestrogen receptors in breast cancer cells. <i>The Journal of Steroid Biochemistry</i> , 1986, 25, 619-626.	1.3	9
348	The effects of Mg^{2+} or EDTA on the subcellular distribution of unoccupied oestrogen receptor in ZR-75-1 and MCF-7 cells. <i>Biochemical Society Transactions</i> , 1986, 14, 447-447.	1.6	0
349	The influence of vincristine on the oestrogen-binding capacity of two human breast cancer cell lines <i>in vitro</i> . <i>Biochemical Society Transactions</i> , 1986, 14, 449-450.	1.6	1
350	Effect of cytotoxic drugs on estrogen receptor expression and response to tamoxifen in MCF-7 cells. <i>Cancer Research</i> , 1986, 46, 6116-9.	0.4	19
351	Oestrogen receptor status and the response of human breast cancer cell lines to a combination of methotrexate and 17β -oestradiol. <i>British Journal of Cancer</i> , 1985, 51, 365-369.	2.9	20
352	The effect of leucovorin on the synthesis of methotrexate poly- 3 -glutamates in the MCF-7 human breast cancer cell line. <i>Biochemical Pharmacology</i> , 1985, 34, 2897-2903.	2.0	17
353	The effect of the rate of cell proliferation on the synthesis of methotrexate poly- 3 -glutamates in two human breast cancer cell lines. <i>Biochemical Pharmacology</i> , 1985, 34, 3087-3090.	2.0	10
354	Reduction of the anti-metabolic and anti-proliferative effects of methotrexate by 17β -oestradiol in a human breast carcinoma cell line, MDA-MB-436. <i>European Journal of Cancer & Clinical Oncology</i> , 1983, 19, 19-24.	0.9	11
355	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
356	Failure of 5-fluorouracil and methotrexate to destroy the reproductive integrity of a human breast cancer cell line (MCF-7) growing <i>in vitro</i> . <i>European Journal of Cancer & Clinical Oncology</i> , 1981, 17, 1275-1281.	0.9	6
357	Partially-independent component analysis for tissue heterogeneity correction in microarray gene expression analysis. , 0, , .		2
358	Optimizing multilayer perceptrons by discriminatory component analysis. , 0, , .		0
359	Normalization of Microarray Data by Iterative Nonlinear Regression. , 0, , .		2
360	The Estrogenicity of Selected Nutrients, Phytochemicals, Pesticides, and Pollutants: Their Potential Roles in Breast Cancer. , 0, , 537-568.		1

#	ARTICLE	IF	CITATIONS
361	Human Breast-Cancer Xenografts as Models of the Human Disease. , 0, , 453-470.		2