## Matthew Burow

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In-depth characterization of a new patient-derived xenograft model for metaplastic breast carcinoma to identify viable biologic targets and patterns of matrix evolution within rare tumor types. Clinical and Translational Oncology, 2022, 24, 127-144.	2.4	8
2	Role of Nischarin in the pathology of diseases: a special emphasis on breast cancer. Oncogene, 2022, 41, 1079-1086.	5.9	6
3	Multifunctional profiling of triple-negative breast cancer patient-derived tumoroids for disease modeling. SLAS Discovery, 2022, 27, 191-200.	2.7	7
4	Abstract P3-05-07: The response of histone deacetylase inhibitors in triple negative breast cancer. Cancer Research, 2022, 82, P3-05-07-P3-05-07.	0.9	0
5	Glyceollins Trigger Anti-Proliferative Effects in Hormone-Dependent Aromatase-Inhibitor-Resistant Breast Cancer Cells through the Induction of Apoptosis. International Journal of Molecular Sciences, 2022, 23, 2887.	4.1	6
6	436 Examining the Role of Obesity and Leptin Signaling in Triple Negative Breast Cancer. Journal of Clinical and Translational Science, 2022, 6, 86-86.	0.6	0
7	Breast Cancer-Stromal Interactions: Adipose-Derived Stromal/Stem Cell Age and Cancer Subtype Mediated Remodeling. Stem Cells and Development, 2022, 31, 604-620.	2.1	3
8	The role of MEK1/2 and MEK5 in melatoninâ€mediated actions on osteoblastogenesis, osteoclastogenesis, bone microarchitecture, biomechanics, and bone formation. Journal of Pineal Research, 2022, 73, .	7.4	8
9	Bioprinting on Live Tissue for Investigating Cancer Cell Dynamics. Tissue Engineering - Part A, 2021, 27, 438-453.	3.1	9
10	Molecular Mechanisms of Epithelial to Mesenchymal Transition Regulated by ERK5 Signaling. Biomolecules, 2021, 11, 183.	4.0	13
11	Abstract PS18-47: Use of the published kinase inhibitor set to identify therapeutic targets in TNBC. , 2021, , .		0
12	Quantifying Breast Cancer-Driven Fiber Alignment and Collagen Deposition in Primary Human Breast Tissue. Frontiers in Bioengineering and Biotechnology, 2021, 9, 618448.	4.1	7
13	56371 The Signaling Axis of Tumor Suppressor LKB1 in Triple Negative Breast Cancer. Journal of Clinical and Translational Science, 2021, 5, 15-15.	0.6	0
14	Application of a small molecule inhibitor screen approach to identify CXCR4 downstream signaling pathways that promote a mesenchymal and fulvestrant‑resistant phenotype in breast cancer cells. Oncology Letters, 2021, 21, 380.	1.8	1
15	Dual inhibition of MEK1/2 and MEK5 suppresses the EMT/migration axis in tripleâ€negative breast cancer through FRAâ€1 regulation. Journal of Cellular Biochemistry, 2021, 122, 835-850.	2.6	5
16	Evaluation of Extracellular Matrix Composition to Improve Breast Cancer Modeling. Tissue Engineering - Part A, 2021, 27, 500-511.	3.1	11
17	Modeling Breast Cancer in Human Breast Tissue using a Microphysiological System. Journal of Visualized Experiments, 2021, , .	0.3	2
18	Constitutive activation of MEK5 promotes a mesenchymal and migratory cell phenotype in triple negative breast cancer. Oncoscience, 2021, 8, 61-71.	2.2	2

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19	Evaluation of liver kinase B1 downstream signaling expression in various breast cancers and relapse free survival after systemic chemotherapy treatment. Oncotarget, 2021, 12, 1110-1115.	1.8	4
20	Diverse and converging roles of ERK1/2 and ERK5 pathways on mesenchymal to epithelial transition in breast cancer. Translational Oncology, 2021, 14, 101046.	3.7	4
21	NEK5 activity regulates the mesenchymal and migratory phenotype in breast cancer cells. Breast Cancer Research and Treatment, 2021, 189, 49-61.	2.5	10
22	ZEB2 regulates endocrine therapy sensitivity and metastasis in luminal a breast cancer cells through a non-canonical mechanism. Breast Cancer Research and Treatment, 2021, 189, 25-37.	2.5	4
23	Targeting Never-In-Mitosis-A Related Kinase 5 in Cancer: A Review. Current Medicinal Chemistry, 2021, 28, 6096-6109.	2.4	5
24	A Role for Adipocytes and Adipose Stem Cells in the Breast Tumor Microenvironment and Regenerative Medicine. Frontiers in Physiology, 2021, 12, 751239.	2.8	15
25	Pharmacological inhibition of the MEK5/ERK5 and PI3K/Akt signaling pathways synergistically reduces viability in tripleâ€negative breast cancer. Journal of Cellular Biochemistry, 2020, 121, 1156-1168.	2.6	16
26	Evaluation of deacetylase inhibition in metaplastic breast carcinoma using multiple derivations of preclinical models of a new patient-derived tumor. PLoS ONE, 2020, 15, e0226464.	2.5	13
27	ERK5 Is Required for Tumor Growth and Maintenance Through Regulation of the Extracellular Matrix in Triple Negative Breast Cancer. Frontiers in Oncology, 2020, 10, 1164.	2.8	13
28	A novel screening approach comparing kinase activity of small molecule inhibitors with similar molecular structures and distinct biologic effects in triple-negative breast cancer to identify targetable signaling pathways. Anti-Cancer Drugs, 2020, 31, 759-775.	1.4	0
29	Patient-Derived Xenografts as an Innovative Surrogate Tumor Model for the Investigation of Health Disparities in Triple Negative Breast Cancer. Women S Health Reports, 2020, 1, 383-392.	0.8	4
30	Targeting TRAF3IP2, Compared to Rab27, is More Effective in Suppressing the Development and Metastasis of Breast Cancer. Scientific Reports, 2020, 10, 8834.	3.3	6
31	Novel Diphenylamine Analogs Induce Mesenchymal to Epithelial Transition in Triple Negative Breast Cancer. Frontiers in Oncology, 2019, 9, 672.	2.8	18
32	Leptin produced by obesity-altered adipose stem cells promotes metastasis but not tumorigenesis of triple-negative breast cancer in orthotopic xenograft and patient-derived xenograft models. Breast Cancer Research, 2019, 21, 67.	5.0	45
33	Pharmacological, Mechanistic, and Pharmacokinetic Assessment of Novel Melatonin-Tamoxifen Drug Conjugates as Breast Cancer Drugs. Molecular Pharmacology, 2019, 96, 272-296.	2.3	30
34	Obesity-Altered Adipose Stem Cells Promote ER+ Breast Cancer Metastasis through Estrogen Independent Pathways. International Journal of Molecular Sciences, 2019, 20, 1419.	4.1	29
35	Drug resistance profiling of a new triple negative breast cancer patient-derived xenograft model. BMC Cancer, 2019, 19, 205.	2.6	19
36	Targeting CXCL12/CXCR4 Axis in Tumor Immunotherapy. Current Medicinal Chemistry, 2019, 26, 3026-3041.	2.4	142

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37	A novel patient-derived xenograft model for claudin-low triple-negative breast cancer. Breast Cancer Research and Treatment, 2018, 169, 381-390.	2.5	19
38	Mirna biogenesis pathway is differentially regulated during adipose derived stromal/stem cell differentiation. Adipocyte, 2018, 7, 1-10.	2.8	10
39	2070 High-intensity focused ultrasound (HIFU) can be used synergistically with tamoxifen to overcome resistance in preclinical and patient derived xenograft models. Journal of Clinical and Translational Science, 2018, 2, 14-14.	0.6	0
40	Notch Signaling Regulates Mitochondrial Metabolism and NF-κB Activity in Triple-Negative Breast Cancer Cells via IKKI±-Dependent Non-canonical Pathways. Frontiers in Oncology, 2018, 8, 575.	2.8	64
41	Engineering Breast Cancer Microenvironments and 3D Bioprinting. Frontiers in Bioengineering and Biotechnology, 2018, 6, 66.	4.1	77
42	Structure activity relationships of anthranilic acid-based compounds on cellular and in vivo mitogen activated protein kinase-5 signaling pathways. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2294-2301.	2.2	18
43	Panobinostat suppresses the mesenchymal phenotype in a novel claudin-low triple negative patient-derived breast cancer model. Oncoscience, 2018, 5, 99-108.	2.2	15
44	ZB716, a steroidal selective estrogen receptor degrader (SERD), is orally efficacious in blocking tumor growth in mouse xenograft models. Oncotarget, 2018, 9, 6924-6937.	1.8	27
45	Effects of MEK1/2 and MEK5 Pathway Disruption on Skeletal Phenotypes in Intact Female SCID Mice. FASEB Journal, 2018, 32, 644.20.	0.5	0
46	Oncogenic signaling of MEK5-ERK5. Cancer Letters, 2017, 392, 51-59.	7.2	88
47	Osteoinductive effects of glyceollins on adult mesenchymal stromal/stem cells from adipose tissue and bone marrow. Phytomedicine, 2017, 27, 39-51.	5.3	15
48	Laser direct-write based fabrication of a spatially-defined, biomimetic construct as a potential model for breast cancer cell invasion into adipose tissue. Biofabrication, 2017, 9, 025013.	7.1	37
49	MicroRNAâ€335â€5p and â€3p synergize to inhibit estrogen receptor alpha expression and promote tamoxifen resistance. FEBS Letters, 2017, 591, 382-392.	2.8	52
50	Endocrine disruptors and the tumor microenvironment: A new paradigm in breast cancer biology. Molecular and Cellular Endocrinology, 2017, 457, 13-19.	3.2	35
51	Glycinol enhances osteogenic differentiation and attenuates the effects of age on mesenchymal stem cells. Regenerative Medicine, 2017, 12, 513-524.	1.7	2
52	Dual Src Kinase/Pretubulin Inhibitor KX-01, Sensitizes ERα-negative Breast Cancers to Tamoxifen through ERα Reexpression. Molecular Cancer Research, 2017, 15, 1491-1502.	3.4	12
53	Obesity Enhances the Conversion of Adipose-Derived Stromal/Stem Cells into Carcinoma-Associated Fibroblast Leading to Cancer Cell Proliferation and Progression to an Invasive Phenotype. Stem Cells International, 2017, 2017, 1-11.	2.5	46
54	Novel application of the published kinase inhibitor set to identify therapeutic targets and pathways in triple negative breast cancer subtypes. PLoS ONE, 2017, 12, e0177802.	2.5	6

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55	Argonaute 2 Expression Correlates with a Luminal B Breast Cancer Subtype and Induces Estrogen Receptor Alpha Isoform Variation. Non-coding RNA, 2016, 2, 8.	2.6	11
56	Glyceollin I Reverses Epithelial to Mesenchymal Transition in Letrozole Resistant Breast Cancer through ZEB1. International Journal of Environmental Research and Public Health, 2016, 13, 10.	2.6	18
57	Laser Directâ€Write Onto Live Tissues: A Novel Model for Studying Cancer Cell Migration. Journal of Cellular Physiology, 2016, 231, 2333-2338.	4.1	34
58	Bisphenol A alters the self-renewal and differentiation capacity of human bone-marrow-derived mesenchymal stem cells. Endocrine Disruptors (Austin, Tex ), 2016, 4, e1200344.	1.1	9
59	A novel gastrointestinal microbiome modulator from soy pods reduces absorption of dietary fat in mice. Obesity, 2016, 24, 87-95.	3.0	20
60	The Effects of Endocrine Disruptors on Adipogenesis and Osteogenesis in Mesenchymal Stem Cells: A Review. Frontiers in Endocrinology, 2016, 7, 171.	3.5	49
61	Induction of HOXA9 expression in three-dimensional organotypic culture of the Claudin-low breast cancer cells. Oncotarget, 2016, 7, 51503-51514.	1.8	11
62	Dual regulation by microRNA-200b-3p and microRNA-200b-5p in the inhibition of epithelial-to-mesenchymal transition in triple-negative breast cancer. Oncotarget, 2015, 6, 16638-16652.	1.8	86
63	Soy glyceollins regulate transcript abundance in the female mouse brain. Functional and Integrative Genomics, 2015, 15, 549-561.	3.5	8
64	Stranded Whole Transcriptome RNAâ€Seq for All RNA Types. Current Protocols in Human Genetics, 2015, 84, 11.14.1-11.14.23.	3.5	7
65	Effects of the Endocrine-Disrupting Chemical DDT on Self-Renewal and Differentiation of Human Mesenchymal Stem Cells. Environmental Health Perspectives, 2015, 123, 42-48.	6.0	59
66	Glyceollin, a novel regulator of mTOR/p70S6 in estrogen receptor positive breast cancer. Journal of Steroid Biochemistry and Molecular Biology, 2015, 150, 17-23.	2.5	18
67	Regulation of triple-negative breast cancer cell metastasis by the tumor-suppressor liver kinase B1. Oncogenesis, 2015, 4, e168-e168.	4.9	30
68	Leptin produced by obese adipose stromal/stem cells enhances proliferation and metastasis of estrogen receptor positive breast cancers. Breast Cancer Research, 2015, 17, 112.	5.0	152
69	Elevated expression of long intergenic nonâ€coding RNA HOTAIR in a basalâ€like variant of MCFâ€7 breast cancer cells. Molecular Carcinogenesis, 2015, 54, 1656-1667.	2.7	35
70	Concise Review: The Obesity Cancer Paradigm: Exploration of the Interactions and Crosstalk with Adipose Stem Cells. Stem Cells, 2015, 33, 318-326.	3.2	76
71	microRNA regulation of mammalian target of rapamycin expression and activity controls estrogen receptor function and RAD001 sensitivity. Molecular Cancer, 2014, 13, 229.	19.2	26
72	Novel daidzein analogs enhance osteogenic activity of bone marrow-derived mesenchymal stem cells and adipose-derived stromal/stem cells through estrogen receptor dependent and independent mechanisms. Stem Cell Research and Therapy, 2014, 5, 105.	5.5	38

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73	Preferential star strand biogenesis of preâ€miRâ€24â€2 targets PKCâ€alpha and suppresses cell survival in MCFâ€7 breast cancer cells. Molecular Carcinogenesis, 2014, 53, 38-48.	2.7	45
74	Inhibition of sphingosine kinase-2 ablates androgen resistant prostate cancer proliferation and survival. Pharmacological Reports, 2014, 66, 174-178.	3.3	24
75	Bisphenol A enhances adipogenic differentiation of human adipose stromal/stem cells. Journal of Molecular Endocrinology, 2014, 53, 345-353.	2.5	101
76	Design, Synthesis, and Osteogenic Activity of Daidzein Analogs on Human Mesenchymal Stem Cells. ACS Medicinal Chemistry Letters, 2014, 5, 143-148.	2.8	24
77	Suppression of triple-negative breast cancer metastasis by pan-DAC inhibitor panobinostat via inhibition of ZEB family of EMT master regulators. Breast Cancer Research and Treatment, 2014, 145, 593-604.	2.5	85
78	miR-155 induced transcriptome changes in the MCF-7 breast cancer cell line leads to enhanced mitogen activated protein kinase signaling. Genes and Cancer, 2014, 5, 353-364.	1.9	16
79	Postharvest Accumulation of Resveratrol and Piceatannol in Sugarcane with Enhanced Antioxidant Activity. Journal of Agricultural and Food Chemistry, 2013, 61, 8412-8419.	5.2	24
80	Discovery of a Series of Thiazole Derivatives as Novel Inhibitors of Metastatic Cancer Cell Migration and Invasion. ACS Medicinal Chemistry Letters, 2013, 4, 191-196.	2.8	34
81	A new method for stranded whole transcriptome RNA-seq. Methods, 2013, 63, 126-134.	3.8	59
82	Phytoalexins, miRNAs and Breast Cancer: A Review of Phytochemical-mediated miRNA Regulation in Breast Cancer. Journal of Health Care for the Poor and Underserved, 2013, 24, 36-46.	0.8	24
83	In Vitro and In Vivo evaluation of novel anticancer agents in triple negative Breast Cancer Models. Journal of Health Care for the Poor and Underserved, 2013, 24, 104-111.	0.8	11
84	Obesity associated alterations in the biology of adipose stem cells mediate enhanced tumorigenesis by estrogen dependent pathways. Breast Cancer Research, 2013, 15, R102.	5.0	99
85	Inhibition of p38 mitogen-activated protein kinase alters microRNA expression and reverses epithelial-to-mesenchymal transition. International Journal of Oncology, 2013, 42, 1139-1150.	3.3	32
86	MEK5/ERK5 Signaling Suppresses Estrogen Receptor Expression and Promotes Hormone-Independent Tumorigenesis. PLoS ONE, 2013, 8, e69291.	2.5	50
87	Abstract A016: Electrical impedance assessment of the effect of LBH589 on the cellular behavior and migratory potential of breast cancer cells. , 2013, , .		0
88	The histone deacetylase inhibitor trichostatin A alters microRNA expression profiles in apoptosis-resistant breast cancer cells. Oncology Reports, 2012, 27, 10-6.	2.6	58
89	The Organochlorine o,p' -DDT Plays a Role in Coactivator-Mediated MAPK Crosstalk in MCF-7 Breast Cancer Cells. Environmental Health Perspectives, 2012, 120, 1291-1296	6.0	32
90	Sphingosine kinase isoforms as a therapeutic target in endocrine therapy resistant luminal and basal-A breast cancer. Experimental Biology and Medicine, 2012, 237, 832-844.	2.4	25

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91	Inhibition of p38-MAPK alters SRC coactivation and estrogen receptor phosphorylation. Cancer Biology and Therapy, 2012, 13, 1026-1033.	3.4	26
92	The microRNA expression associated with morphogenesis of breast cancer cells in three-dimensional organotypic culture. Oncology Reports, 2012, 28, 117-126.	2.6	16
93	Glyceollins as novel targeted therapeutic for the treatment of triple-negative breast cancer. Oncology Letters, 2012, 3, 163-171.	1.8	48
94	Altered Death Receptor Signaling Promotes Epithelial-to-Mesenchymal Transition and Acquired Chemoresistance. Scientific Reports, 2012, 2, 539.	3.3	32
95	Proteomic analysis of acquired tamoxifen resistance in MCF-7 cells reveals expression signatures associated with enhanced migration. Breast Cancer Research, 2012, 14, R45.	5.0	95
96	Targeting triple-negative breast cancer cells with the histone deacetylase inhibitor panobinostat. Breast Cancer Research, 2012, 14, R79.	5.0	213
97	Glyceollins, Soy Isoflavone Phytoalexins, Improve Oral Glucose Disposal by Stimulating Glucose Uptake. Journal of Agricultural and Food Chemistry, 2012, 60, 6376-6382.	5.2	32
98	Glyceollin-Elicited Soy Protein Consumption Induces Distinct Transcriptional Effects As Compared to Standard Soy Protein. Journal of Agricultural and Food Chemistry, 2012, 60, 81-86.	5.2	15
99	Gαo potentiates estrogen receptor α activity via the ERK signaling pathway. Journal of Endocrinology, 2012, 214, 45-54.	2.6	20
100	Antiestrogenic activity of flavonoid phytochemicals mediated via the c-Jun N-terminal protein kinase pathway. Cell-type specific regulation of estrogen receptor alpha. Journal of Steroid Biochemistry and Molecular Biology, 2012, 132, 186-193.	2.5	22
101	Endocrine Disruptor Regulation of MicroRNA Expression in Breast Carcinoma Cells. PLoS ONE, 2012, 7, e32754.	2.5	128
102	Insulin-Like Growth Factor-1 Signaling Regulates miRNA Expression in MCF-7 Breast Cancer Cell Line. PLoS ONE, 2012, 7, e49067.	2.5	22
103	Dual inhibition of sphingosine kinase isoforms ablates TNF-induced drug resistance. Oncology Reports, 2012, 27, 1779-86.	2.6	20
104	MEK5/ERK5 pathway: The first fifteen years. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1825, 37-48.	7.4	138
105	Environmental signaling and reproduction: A comparative biological and chemical perspective. Molecular and Cellular Endocrinology, 2012, 354, 60-62.	3.2	12
106	Pharmacology and anti-tumor activity of RWJ67657, a novel inhibitor of p38 mitogen activated protein kinase. American Journal of Cancer Research, 2012, 2, 446-58.	1.4	13
107	Biomimetic Syntheses and Antiproliferative Activities of Racemic, Natural (â~'), and Unnnatural (+) Glyceollin I. Journal of Medicinal Chemistry, 2011, 54, 3506-3523.	6.4	28
108	Estrogenic and Antiestrogenic Activities of Phytoalexins from Red Kidney Bean (Phaseolus vulgaris L.). Journal of Agricultural and Food Chemistry, 2011, 59, 112-120.	5.2	25

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109	MicroRNA-221/222 confers breast cancer fulvestrant resistance by regulating multiple signaling pathways. Oncogene, 2011, 30, 1082-1097.	5.9	331
110	Effects of SDF-1–CXCR4 signaling on microRNA expression and tumorigenesis in estrogen receptor-alpha (ER-α)-positive breast cancer cells. Experimental Cell Research, 2011, 317, 2573-2581.	2.6	32
111	Postâ€ŧranscriptional upâ€regulation of miRâ€21 by type I collagen. Molecular Carcinogenesis, 2011, 50, 563-570.	2.7	28
112	Sorafenib enhances pemetrexed cytotoxicity through an autophagy-dependent mechanism in cancer cells. Autophagy, 2011, 7, 1261-1262.	9.1	30
113	Sorafenib Enhances Pemetrexed Cytotoxicity through an Autophagy-Dependent Mechanism in Cancer Cells. Cancer Research, 2011, 71, 4955-4967.	0.9	89
114	Cytokine Receptor CXCR4 Mediates Estrogen-Independent Tumorigenesis, Metastasis, and Resistance to Endocrine Therapy in Human Breast Cancer. Cancer Research, 2011, 71, 603-613.	0.9	140
115	Targeting NFÄß mediated breast cancer chemoresistance through selective inhibition of sphingosine kinase-2. Cancer Biology and Therapy, 2011, 11, 678-689.	3.4	135
116	Pharmacological inhibition of sphingosine kinase isoforms alters estrogen receptor signaling in human breast cancer. Journal of Molecular Endocrinology, 2011, 46, 205-216.	2.5	47
117	Regulation of ERα-mediated transcription of Bcl-2 by PI3K-AKT crosstalk: Implications for breast cancer cell survival. International Journal of Oncology, 2010, 37, 541-50.	3.3	30
118	Adult human mesenchymal stem cells enhance breast tumorigenesis and promote hormone independence. Breast Cancer Research and Treatment, 2010, 121, 293-300.	2.5	101
119	Systems genetics analyses predict a transcription role for P2P-R: Molecular confirmation that P2P-R is a transcriptional co-repressor. BMC Systems Biology, 2010, 4, 14.	3.0	7
120	Human Mesenchymal Stem Cells as Mediators of Breast Carcinoma Tumorigenesis and Progression. Scientific World Journal, The, 2010, 10, 1084-1087.	2.1	2
121	Glyceollin I, a Novel Antiestrogenic Phytoalexin Isolated from Activated Soy. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 35-45.	2.5	71
122	Oncogenic HER2Δ16 suppresses miR-15a/16 and deregulates BCL-2 to promote endocrine resistance of breast tumors. Carcinogenesis, 2010, 31, 2049-2057.	2.8	137
123	Antiestrogenic Effects of the Novel Sphingosine Kinase-2 Inhibitor ABC294640. Endocrinology, 2010, 151, 5124-5135.	2.8	105
124	Effects of human mesenchymal stem cells on ER-positive human breast carcinoma cells mediated through ER-SDF-1/CXCR4 crosstalk. Molecular Cancer, 2010, 9, 295.	19.2	89
125	Effects of 7-O Substitutions on Estrogenic and Anti-Estrogenic Activities of Daidzein Analogues in MCF-7 Breast Cancer Cells. Journal of Medicinal Chemistry, 2010, 53, 6153-6163.	6.4	47
126	Requirement of a novel splicing variant of human histone deacetylase 6 for TGF-Î <sup>2</sup> 1-mediated gene activation. Biochemical and Biophysical Research Communications, 2010, 392, 608-613.	2.1	11

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127	Environmental hormones: Multiple pathways for response may lead to multiple disease outcomes. Steroids, 2010, 75, 520-523.	1.8	35
128	Glyceollin I enantiomers distinctly regulate ER-mediated gene expression. Steroids, 2010, 75, 870-878.	1.8	30
129	Inhibition of breast cancer cell invasion by melatonin is mediated through regulation of the p38 mitogen-activated protein kinase signaling pathway. Breast Cancer Research, 2010, 12, R107.	5.0	130
130	Sphingolipids as Determinants of Apoptosis and Chemoresistance in the MCF-7 Cell Model System. Experimental Biology and Medicine, 2009, 234, 1253-1263.	2.4	21
131	Human Uterine Smooth Muscle and Leiomyoma Cells Differ in Their Rapid 17β-Estradiol Signaling: Implications for Proliferation. Endocrinology, 2009, 150, 2436-2445.	2.8	51
132	Identification of the Potent Phytoestrogen Glycinol in Elicited Soybean (Glycine max). Endocrinology, 2009, 150, 2446-2453.	2.8	52
133	Molecular effects of soy phytoalexin glyceollins in human prostate cancer cells LNCaP. Molecular Carcinogenesis, 2009, 48, 862-871.	2.7	43
134	Combination of methylselenocysteine with tamoxifen inhibits MCF-7 breast cancer xenografts in nude mice through elevated apoptosis and reduced angiogenesis. Breast Cancer Research and Treatment, 2009, 118, 33-43.	2.5	65
135	Phytoalexin-Enriched Functional Foods. Journal of Agricultural and Food Chemistry, 2009, 57, 2614-2622.	5.2	73
136	Design, Synthesis, and Biological Activity of a Family of Novel Ceramide Analogues in Chemoresistant Breast Cancer Cells. Journal of Medicinal Chemistry, 2009, 52, 5748-5752.	6.4	37
137	Detecting ligands and dissecting nuclear receptor-signaling pathways using recombinant strains of the yeast Saccharomyces cerevisiae. Nature Protocols, 2008, 3, 637-645.	12.0	23
138	Proteomic analysis of tumor necrosis factor-α resistant human breast cancer cells reveals a MEK5/Erk5-mediated epithelial-mesenchymal transition phenotype. Breast Cancer Research, 2008, 10, R105.	5.0	91
139	Organochlorine-mediated potentiation of the general coactivator p300 through p38 mitogen-activated protein kinase. Carcinogenesis, 2008, 30, 106-113.	2.8	26
140	Role of PELP1/MNAR Signaling in Ovarian Tumorigenesis. Cancer Research, 2008, 68, 4902-4909.	0.9	38
141	Drugs Designed To Inhibit Human p38 Mitogen-Activated Protein Kinase Activation Treat <i>Toxoplasma gondii</i> and <i>Encephalitozoon cuniculi</i> Infection. Antimicrobial Agents and Chemotherapy, 2007, 51, 4324-4328.	3.2	27
142	Pesticides reduce symbiotic efficiency of nitrogen-fixing rhizobia and host plants. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10282-10287.	7.1	237
143	Toxoplasma gondii Expresses Two Mitogen-Activated Protein Kinase Genes That Represent Distinct Protozoan Subfamilies. Journal of Molecular Evolution, 2007, 64, 4-14.	1.8	36
144	Antiestrogenic Glyceollins Suppress Human Breast and Ovarian Carcinoma Tumorigenesis. Clinical Cancer Research, 2006, 12, 7159-7164.	7.0	107

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145	p38 Mitogen-Activated Protein Kinase Stimulates Estrogen-Mediated Transcription and Proliferation through the Phosphorylation and Potentiation of the p160 Coactivator Glucocorticoid Receptor-Interacting Protein 1. Molecular Endocrinology, 2006, 20, 971-983.	3.7	54
146	Effects of Soybean Glyceollins and Estradiol in Postmenopausal Female Monkeys. Nutrition and Cancer, 2006, 56, 74-81.	2.0	41
147	AKT Regulation of Estrogen Receptor β Transcriptional Activity in Breast Cancer. Cancer Research, 2006, 66, 8373-8381.	0.9	31
148	Differential regulation of estrogen receptor alpha, glucocorticoid receptor and retinoic acid receptor alpha transcriptional activity by melatonin is mediated via different G proteins. Journal of Pineal Research, 2005, 38, 231-239.	7.4	51
149	PKC-mediated survival signaling in breast carcinoma cells: A role for MEK1-AP1 signaling. International Journal of Oncology, 2005, 26, 763.	3.3	8
150	Macrophage Migration Inhibitory Factor. American Journal of Pathology, 2005, 167, 1561-1574.	3.8	89
151	Xenobiotic-induced TNF-α expression and apoptosis through the p38 MAPK signaling pathway. Toxicology Letters, 2005, 155, 227-238.	0.8	39
152	PKC-mediated survival signaling in breast carcinoma cells: a role for MEK1-AP1 signaling. International Journal of Oncology, 2005, 26, 763-8.	3.3	9
153	Phytoestrogen signaling and symbiotic gene activation are disrupted by endocrine-disrupting chemicals Environmental Health Perspectives, 2004, 112, 672-677.	6.0	35
154	Novel Ceramide Analogs as Potential Chemotherapeutic Agents in Breast Cancer. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 523-532.	2.5	120
155	The ERBB4/HER4 receptor tyrosine kinase regulates gene expression by functioning as a STAT5A nuclear chaperone. Journal of Cell Biology, 2004, 167, 469-478.	5.2	231
156	Specific recruitment of regulatory T cells in ovarian carcinoma fosters immune privilege and predicts reduced survival. Nature Medicine, 2004, 10, 942-949.	30.7	4,442
157	Regulation of estrogen-mediated cell survival and proliferation by p160 coactivators. Surgery, 2004, 136, 346-354.	1.9	20
158	Identification of a novel mitogen-activated protein kinase in Toxoplasma gondii. International Journal for Parasitology, 2004, 34, 1245-1254.	3.1	40
159	Sensitization of apoptotically-resistant breast carcinoma cells to TNF and TRAIL by inhibition of p38 mitogen-activated protein kinase signaling. International Journal of Oncology, 2004, 24, 1473-80.	3.3	27
160	Blockade of B7-H1 improves myeloid dendritic cell–mediated antitumor immunity. Nature Medicine, 2003, 9, 562-567.	30.7	1,157
161	Evaluation of the Estrogenic Effects of Legume Extracts Containing Phytoestrogens. Journal of Agricultural and Food Chemistry, 2003, 51, 2193-2199.	5.2	196
162	Mechanism of AP-1-mediated gene expression by select organochlorines through the p38 MAPK pathway. Carcinogenesis, 2003, 25, 249-261.	2.8	83

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163	Apoptosis, Chemoresistance, and Breast Cancer: Insights From the MCF-7 Cell Model System. Experimental Biology and Medicine, 2003, 228, 995-1003.	2.4	212
164	Estrogen modulates cutaneous wound healing by downregulating macrophage migration inhibitory factor. Journal of Clinical Investigation, 2003, 111, 1309-1318.	8.2	273
165	Silica-Induced Apoptosis in Murine Macrophage. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 91-98.	2.9	53
166	Flavonoid Phytochemicals Regulate Activator Protein-1 Signal Transduction Pathways in Endometrial and Kidney Stable Cell Lines. Journal of Nutrition, 2002, 132, 1848-1853.	2.9	58
167	Identification of mitogen-activated protein kinase kinase as a chemoresistant pathway in MCF-7 cells by using gene expression microarray. Surgery, 2002, 132, 293-301.	1.9	77
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