Matthew Burow

List of Publications by Year
in descending order

189 papers	14,877 citations	26567 56 h-index	19690 117 g-index
193 all docs	193 docs citations	193 times ranked	20289 citing authors

#	Article	IF	Citations
1	Specific recruitment of regulatory T cells in ovarian carcinoma fosters immune privilege and predicts reduced survival. Nature Medicine, 2004, 10, 942-949.	15.2	4,442
2	Blockade of B7-H1 improves myeloid dendritic cellâ€“mediated antitumor immunity. Nature Medicine, 2003, 9, 562-567.	15.2	1,157
3	Mechanism of Heme Oxygenase-1 Gene Activation by Cadmium in MCF-7 Mammary Epithelial Cells. Journal of Biological Chemistry, 2000, 275, 27694-27702.	1.6	379
4	MicroRNA-221/222 confers breast cancer fulvestrant resistance by regulating multiple signaling pathways. Oncogene, 2011, 30, 1082-1097.	2.6	331
5	Estrogen modulates cutaneous wound healing by downregulating macrophage migration inhibitory factor. Journal of Clinical Investigation, 2003, 111, 1309-1318.	3.9	273
6	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.	3.3	237
7	The ERBB4/HER4 receptor tyrosine kinase regulates gene expression by functioning as a STAT5A nuclear chaperone. Journal of Cell Biology, 2004, 167, 469-478.	2.3	231
8	Targeting triple-negative breast cancer cells with the histone deacetylase inhibitor panobinostat. Breast Cancer Research, 2012, 14, R79.	2.2	213
9	Apoptosis, Chemoresistance, and Breast Cancer: Insights From the MCF-7 Cell Model System. Experimental Biology and Medicine, 2003, 228, 995-1003.	1.1	212
10	Evaluation of the Estrogenic Effects of Legume Extracts Containing Phytoestrogens. Journal of Agricultural and Food Chemistry, 2003, 51, 2193-2199.	2.4	196
11	Leptin produced by obese adipose stromal/stem cells enhances proliferation and metastasis of estrogen receptor positive breast cancers. Breast Cancer Research, 2015, 17, 112.	2.2	152
12	Differences in susceptibility to tumor necrosis factor alpha-induced apoptosis among MCF-7 breast cancer cell variants. Cancer Research, 1998, 58, 4940-6.	0.4	144
13	Targeting CXCL12/CXCR4 Axis in Tumor Immunotherapy. Current Medicinal Chemistry, 2019, 26, 3026-3041.	1.2	142
14	Cytokine Receptor CXCR4 Mediates Estrogen-Independent Tumorigenesis, Metastasis, and Resistance to Endocrine Therapy in Human Breast Cancer. Cancer Research, 2011, 71, 603-613.	0.4	140
15	MEK5/ERK5 pathway: The first fifteen years. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1825, 37-48.	3.3	138
16	Oncogenic HER2Î”16 suppresses miR-15a/16 and deregulates BCL-2 to promote endocrine resistance of breast tumors. Carcinogenesis, 2010, 31, 2049-2057.	1.3	137
17	Targeting NFÄ¸B mediated breast cancer chemoresistance through selective inhibition of sphingosine kinase-2. Cancer Biology and Therapy, 2011, 11, 678-689.	1.5	135
18	Estrogenic and Antiestrogenic Activities of FlavonoidPhytochemicals Through Estrogen ReceptorBinding-Dependent and -Independent Mechanisms. Nutrition and Cancer, 2000, 38, 229-244.	0.9	130

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19	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.	2.2	130
20	Endocrine Disruptor Regulation of MicroRNA Expression in Breast Carcinoma Cells. PLoS ONE, 2012, 7, e32754.	1.1	128
21	Novel Ceramide Analogs as Potential Chemotherapeutic Agents in Breast Cancer. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 523-532.	1.3	120
22	PI3-K/AKT Regulation of NF-Î¹B Signaling Events in Suppression of TNF-Induced Apoptosis. Biochemical and Biophysical Research Communications, 2000, 271, 342-345.	1.0	109
23	Antiestrogenic Glyceollins Suppress Human Breast and Ovarian Carcinoma Tumorigenesis. Clinical Cancer Research, 2006, 12, 7159-7164.	3.2	107
24	Antiestrogenic Effects of the Novel Sphingosine Kinase-2 Inhibitor ABC294640. Endocrinology, 2010, 151, 5124-5135.	1.4	105
25	Adult human mesenchymal stem cells enhance breast tumorigenesis and promote hormone independence. Breast Cancer Research and Treatment, 2010, 121, 293-300.	1.1	101
26	Bisphenol A enhances adipogenic differentiation of human adipose stromal/stem cells. Journal of Molecular Endocrinology, 2014, 53, 345-353.	1.1	101
27	Obesity associated alterations in the biology of adipose stem cells mediate enhanced tumorigenesis by estrogen dependent pathways. Breast Cancer Research, 2013, 15, R102.	2.2	99
28	Proteomic analysis of acquired tamoxifen resistance in MCF-7 cells reveals expression signatures associated with enhanced migration. Breast Cancer Research, 2012, 14, R45.	2.2	95
29	From malformations to molecular mechanisms in the male: three decades of research on endocrine disruptersNote. Apmis, 2001, 109, 263-272.	0.9	94
30	Proteomic analysis of tumor necrosis factor-Î± resistant human breast cancer cells reveals a MEK5/Erk5-mediated epithelial-mesenchymal transition phenotype. Breast Cancer Research, 2008, 10, R105.	2.2	91
31	Phytochemical Glyceollins, Isolated from Soy, Mediate Antihormonal Effects through Estrogen Receptor Î± and Î²¹. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1750-1758.	1.8	89
32	Macrophage Migration Inhibitory Factor. American Journal of Pathology, 2005, 167, 1561-1574.	1.9	89
33	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.	7.9	89
34	Sorafenib Enhances Pemetrexed Cytotoxicity through an Autophagy-Dependent Mechanism in Cancer Cells. Cancer Research, 2011, 71, 4955-4967.	0.4	89
35	Oncogenic signaling of MEK5-ERK5. Cancer Letters, 2017, 392, 51-59.	3.2	88
36	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.	0.8	86

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37	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.	1.1	85
38	Mechanism of AP-1-mediated gene expression by select organochlorines through the p38 MAPK pathway. Carcinogenesis, 2003, 25, 249-261.	1.3	83
39	NF-Î²B plays a key role in hypoxia-inducible factor-1â€“regulated erythropoietin gene expression. Experimental Hematology, 2002, 30, 1419-1427.	0.2	79
40	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.	1.0	77
41	Engineering Breast Cancer Microenvironments and 3D Bioprinting. Frontiers in Bioengineering and Biotechnology, 2018, 6, 66.	2.0	77
42	Concise Review: The Obesity Cancer Paradigm: Exploration of the Interactions and Crosstalk with Adipose Stem Cells. Stem Cells, 2015, 33, 318-326.	1.4	76
43	Phytochemical Glyceollins, Isolated from Soy, Mediate Antihormonal Effects through Estrogen Receptor Â and Â. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1750-1758.	1.8	75
44	Phytoalexin-Enriched Functional Foods. Journal of Agricultural and Food Chemistry, 2009, 57, 2614-2622.	2.4	73
45	NF-Î²Bâ€“mediated chemoresistance in breast cancer cells. Surgery, 2001, 130, 143-150.	1.0	72
46	Glyceollin I, a Novel Antiestrogenic Phytoalexin Isolated from Activated Soy. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 35-45.	1.3	71
47	Effects of environmental estrogens on tumor necrosis factor Î±-mediated apoptosis in MCF-7 cells. Carcinogenesis, 1999, 20, 2057-2061.	1.3	66
48	Endocrine disrupters and flavonoid signalling. Nature, 2001, 413, 128-129.	13.7	66
49	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.	1.1	65
50	Notch Signaling Regulates Mitochondrial Metabolism and NF-Î²B Activity in Triple-Negative Breast Cancer Cells via IKKÎ±-Dependent Non-canonical Pathways. Frontiers in Oncology, 2018, 8, 575.	1.3	64
51	A new method for stranded whole transcriptome RNA-seq. Methods, 2013, 63, 126-134.	1.9	59
52	Effects of the Endocrine-Disrupting Chemical DDT on Self-Renewal and Differentiation of Human Mesenchymal Stem Cells. Environmental Health Perspectives, 2015, 123, 42-48.	2.8	59
53	Flavonoid Phytochemicals Regulate Activator Protein-1 Signal Transduction Pathways in Endometrial and Kidney Stable Cell Lines. Journal of Nutrition, 2002, 132, 1848-1853.	1.3	58
54	The histone deacetylase inhibitor trichostatin A alters microRNA expression profiles in apoptosis-resistant breast cancer cells. Oncology Reports, 2012, 27, 10-6.	1.2	58

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55	Cross-talk between Phosphatidylinositol 3-Kinase and Sphingomyelinase Pathways as a Mechanism for Cell Survival/Death Decisions. Journal of Biological Chemistry, 2000, 275, 9628-9635.	1.6	57
56	Effects of estrogen on leptin gene promoter activation in MCF-7 breast cancer and JEG-3 choriocarcinoma cells: selective regulation via estrogen receptors Î± and Î². Molecular and Cellular Endocrinology, 2001, 176, 67-75.	1.6	57
57	DDT and its metabolites alter gene expression in human uterine cell lines through estrogen receptor-independent mechanisms.. Environmental Health Perspectives, 2002, 110, 1239-1245.	2.8	55
58	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
59	Silica-Induced Apoptosis in Murine Macrophage. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 91-98.	1.4	53
60	Identification of the Potent Phytoestrogen Glycinol in Elicited Soybean (Glycine max). Endocrinology, 2009, 150, 2446-2453.	1.4	52
61	MicroRNAâ€335â€5p and â€3p synergize to inhibit estrogen receptor alpha expression and promote tamoxifen resistance. FEBS Letters, 2017, 591, 382-392.	1.3	52
62	Promoter CpG methylation ofHox-a10 andHox-a11 in mouse uterus not altered upon neonatal diethylstilbestrol exposure. Molecular Carcinogenesis, 2001, 32, 213-219.	1.3	51
63	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.	3.4	51
64	Human Uterine Smooth Muscle and Leiomyoma Cells Differ in Their Rapid 17Î²-Estradiol Signaling: Implications for Proliferation. Endocrinology, 2009, 150, 2436-2445.	1.4	51
65	MEK5/ERK5 Signaling Suppresses Estrogen Receptor Expression and Promotes Hormone-Independent Tumorigenesis. PLoS ONE, 2013, 8, e69291.	1.1	50
66	The Effects of Endocrine Disruptors on Adipogenesis and Osteogenesis in Mesenchymal Stem Cells: A Review. Frontiers in Endocrinology, 2016, 7, 171.	1.5	49
67	Glyceollins as novel targeted therapeutic for the treatment of triple-negative breast cancer. Oncology Letters, 2012, 3, 163-171.	0.8	48
68	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.	2.9	47
69	Pharmacological inhibition of sphingosine kinase isoforms alters estrogen receptor signaling in human breast cancer. Journal of Molecular Endocrinology, 2011, 46, 205-216.	1.1	47
70	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.	1.2	46
71	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.	1.3	45
72	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.	2.2	45

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73	Molecular effects of soy phytoalexin glyceollins in human prostate cancer cells LNCaP. Molecular Carcinogenesis, 2009, 48, 862-871.	1.3	43
74	Effects of Soybean Glyceollins and Estradiol in Postmenopausal Female Monkeys. Nutrition and Cancer, 2006, 56, 74-81.	0.9	41
75	Identification of a novel mitogen-activated protein kinase in Toxoplasma gondii. International Journal for Parasitology, 2004, 34, 1245-1254.	1.3	40
76	Xenobiotic-induced TNF-Î± expression and apoptosis through the p38 MAPK signaling pathway. Toxicology Letters, 2005, 155, 227-238.	0.4	39
77	Role of PELP1/MNAR Signaling in Ovarian Tumorigenesis. Cancer Research, 2008, 68, 4902-4909.	0.4	38
78	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.	2.4	38
79	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.	2.9	37
80	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.	3.7	37
81	Toxoplasma gondii Expresses Two Mitogen-Activated Protein Kinase Genes That Represent Distinct Protozoan Subfamilies. Journal of Molecular Evolution, 2007, 64, 4-14.	0.8	36
82	Phytoestrogen signaling and symbiotic gene activation are disrupted by endocrine-disrupting chemicals.. Environmental Health Perspectives, 2004, 112, 672-677.	2.8	35
83	Environmental hormones: Multiple pathways for response may lead to multiple disease outcomes. Steroids, 2010, 75, 520-523.	0.8	35
84	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.	1.3	35
85	Endocrine disruptors and the tumor microenvironment: A new paradigm in breast cancer biology. Molecular and Cellular Endocrinology, 2017, 457, 13-19.	1.6	35
86	Effects of cadmium on cell viability, trophoblastic development, and expression of low density lipoprotein receptor transcripts in cultured human placental cells. Reproductive Toxicology, 1999, 13, 473-480.	1.3	34
87	Oestrogen-mediated suppression of tumour necrosis factor alpha-induced apoptosis in MCF-7 cells: subversion of Bcl-2 by anti-oestrogens. Journal of Steroid Biochemistry and Molecular Biology, 2001, 78, 409-418.	1.2	34
88	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.	1.3	34
89	Laser Directâ€Write Onto Live Tissues: A Novel Model for Studying Cancer Cell Migration. Journal of Cellular Physiology, 2016, 231, 2333-2338.	2.0	34
90	Effects of SDF-1â€“CXCR4 signaling on microRNA expression and tumorigenesis in estrogen receptor-alpha (ER-Î±)-positive breast cancer cells. Experimental Cell Research, 2011, 317, 2573-2581.	1.2	32

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91	The Organochlorine o,pâ€™ -DDT Plays a Role in Coactivator-Mediated MAPK Crosstalk in MCF-7 Breast Cancer Cells. Environmental Health Perspectives, 2012, 120, 1291-1296.	2.8	32
92	Altered Death Receptor Signaling Promotes Epithelial-to-Mesenchymal Transition and Acquired Chemoresistance. Scientific Reports, 2012, 2, 539.	1.6	32
93	Glyceollins, Soy Isoflavone Phytoalexins, Improve Oral Glucose Disposal by Stimulating Glucose Uptake. Journal of Agricultural and Food Chemistry, 2012, 60, 6376-6382.	2.4	32
94	Inhibition of p38 mitogen-activated protein kinase alters microRNA expression and reverses epithelial-to-mesenchymal transition. International Journal of Oncology, 2013, 42, 1139-1150.	1.4	32
95	AKT Regulation of Estrogen Receptor Î² Transcriptional Activity in Breast Cancer. Cancer Research, 2006, 66, 8373-8381.	0.4	31
96	Regulation of ERÎ±-mediated transcription of Bcl-2 by PI3K-AKT crosstalk: Implications for breast cancer cell survival. International Journal of Oncology, 2010, 37, 541-50.	1.4	30
97	Glyceollin I enantiomers distinctly regulate ER-mediated gene expression. Steroids, 2010, 75, 870-878.	0.8	30
98	Sorafenib enhances pemetrexed cytotoxicity through an autophagy-dependent mechanism in cancer cells. Autophagy, 2011, 7, 1261-1262.	4.3	30
99	Regulation of triple-negative breast cancer cell metastasis by the tumor-suppressor liver kinase B1. Oncogenesis, 2015, 4, e168-e168.	2.1	30
100	Pharmacological, Mechanistic, and Pharmacokinetic Assessment of Novel Melatonin-Tamoxifen Drug Conjugates as Breast Cancer Drugs. Molecular Pharmacology, 2019, 96, 272-296.	1.0	30
101	Obesity-Altered Adipose Stem Cells Promote ER+ Breast Cancer Metastasis through Estrogen Independent Pathways. International Journal of Molecular Sciences, 2019, 20, 1419.	1.8	29
102	Epigallocatechin-3 gallate induces growth inhibition and apoptosis in human breast cancer cells through survivin suppression. International Journal of Oncology, 0, , .	1.4	28
103	Biomimetic Syntheses and Antiproliferative Activities of Racemic, Natural (â˜), and Unnnatural (+) Glyceollin I. Journal of Medicinal Chemistry, 2011, 54, 3506-3523.	2.9	28
104	Postâ€transcriptional upâ€regulation of miRâ€21 by type I collagen. Molecular Carcinogenesis, 2011, 50, 563-570.	1.3	28
105	Drugs Designed To Inhibit Human p38 Mitogen-Activated Protein Kinase Activation TreatToxoplasma gondiiandEncephalitozoon cuniculiInfection. Antimicrobial Agents and Chemotherapy, 2007, 51, 4324-4328.	1.4	27
106	ZB716, a steroidal selective estrogen receptor degrader (SERD), is orally efficacious in blocking tumor growth in mouse xenograft models. Oncotarget, 2018, 9, 6924-6937.	0.8	27
107	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.	1.4	27
108	Organochlorine-mediated potentiation of the general coactivator p300 through p38 mitogen-activated protein kinase. Carcinogenesis, 2008, 30, 106-113.	1.3	26

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109	Inhibition of p38-MAPK alters SRC coactivation and estrogen receptor phosphorylation. Cancer Biology and Therapy, 2012, 13, 1026-1033.	1.5	26
110	microRNA regulation of mammalian target of rapamycin expression and activity controls estrogen receptor function and RAD001 sensitivity. Molecular Cancer, 2014, 13, 229.	7.9	26
111	Estrogenic and Antiestrogenic Activities of Phytoalexins from Red Kidney Bean (Phaseolus vulgaris L.). Journal of Agricultural and Food Chemistry, 2011, 59, 112-120.	2.4	25
112	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.	1.1	25
113	Postharvest Accumulation of Resveratrol and Piceatannol in Sugarcane with Enhanced Antioxidant Activity. Journal of Agricultural and Food Chemistry, 2013, 61, 8412-8419.	2.4	24
114	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.	0.4	24
115	Inhibition of sphingosine kinase-2 ablates androgen resistant prostate cancer proliferation and survival. Pharmacological Reports, 2014, 66, 174-178.	1.5	24
116	Design, Synthesis, and Osteogenic Activity of Daidzein Analogs on Human Mesenchymal Stem Cells. ACS Medicinal Chemistry Letters, 2014, 5, 143-148.	1.3	24
117	Detecting ligands and dissecting nuclear receptor-signaling pathways using recombinant strains of the yeast Saccharomyces cerevisiae. Nature Protocols, 2008, 3, 637-645.	5.5	23
118	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.	1.2	22
119	Insulin-Like Growth Factor-1 Signaling Regulates miRNA Expression in MCF-7 Breast Cancer Cell Line. PLoS ONE, 2012, 7, e49067.	1.1	22
120	ENDOCRINE DISRUPTION IN SEXUAL DIFFERENTIATION AND PUBERTY. Pediatric Clinics of North America, 2001, 48, 1223-1240.	0.9	21
121	Sphingolipids as Determinants of Apoptosis and Chemoresistance in the MCF-7 Cell Model System. Experimental Biology and Medicine, 2009, 234, 1253-1263.	1.1	21
122	Regulation of estrogen-mediated cell survival and proliferation by p160 coactivators. Surgery, 2004, 136, 346-354.	1.0	20
123	GÎ±o potentiates estrogen receptor Î± activity via the ERK signaling pathway. Journal of Endocrinology, 2012, 214, 45-54.	1.2	20
124	Dual inhibition of sphingosine kinase isoforms ablates TNF-induced drug resistance. Oncology Reports, 2012, 27, 1779-86.	1.2	20
125	A novel gastrointestinal microbiome modulator from soy pods reduces absorption of dietary fat in mice. Obesity, 2016, 24, 87-95.	1.5	20
126	A novel patient-derived xenograft model for claudin-low triple-negative breast cancer. Breast Cancer Research and Treatment, 2018, 169, 381-390.	1.1	19

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127	Drug resistance profiling of a new triple negative breast cancer patient-derived xenograft model. BMC Cancer, 2019, 19, 205.	1.1	19
128	Glyceollin, a novel regulator of mTOR/p70S6 in estrogen receptor positive breast cancer. Journal of Steroid Biochemistry and Molecular Biology, 2015, 150, 17-23.	1.2	18
129	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.	1.2	18
130	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.	1.0	18
131	Novel Diphenylamine Analogs Induce Mesenchymal to Epithelial Transition in Triple Negative Breast Cancer. Frontiers in Oncology, 2019, 9, 672.	1.3	18
132	The microRNA expression associated with morphogenesis of breast cancer cells in three-dimensional organotypic culture. Oncology Reports, 2012, 28, 117-126.	1.2	16
133	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.	1.2	16
134	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.	0.6	16
135	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.	2.4	15
136	Osteoinductive effects of glyceollins on adult mesenchymal stromal/stem cells from adipose tissue and bone marrow. Phytomedicine, 2017, 27, 39-51.	2.3	15
137	Panobinostat suppresses the mesenchymal phenotype in a novel claudin-low triple negative patient-derived breast cancer model. Oncoscience, 2018, 5, 99-108.	0.9	15
138	A Role for Adipocytes and Adipose Stem Cells in the Breast Tumor Microenvironment and Regenerative Medicine. Frontiers in Physiology, 2021, 12, 751239.	1.3	15
139	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.	1.1	13
140	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.	1.3	13
141	Molecular Mechanisms of Epithelial to Mesenchymal Transition Regulated by ERK5 Signaling. Biomolecules, 2021, 11, 183.	1.8	13
142	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
143	Environmental signaling and reproduction: A comparative biological and chemical perspective. Molecular and Cellular Endocrinology, 2012, 354, 60-62.	1.6	12
144	Dual Src Kinase/Pretubulin Inhibitor KX-01, Sensitizes ERÎ±-negative Breast Cancers to Tamoxifen through ERÎ± Reexpression. Molecular Cancer Research, 2017, 15, 1491-1502.	1.5	12

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145	Differences in protein kinase C and estrogen receptor alpha, beta expression and signaling correlate with apoptotic sensitivity of MCF-7 breast cancer cell variants.. International Journal of Oncology, 2000, 16, 1179-87.	1.4	11
146	Requirement of a novel splicing variant of human histone deacetylase 6 for TGF-Î²1-mediated gene activation. Biochemical and Biophysical Research Communications, 2010, 392, 608-613.	1.0	11
147	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.	0.4	11
148	Argonaute 2 Expression Correlates with a Luminal B Breast Cancer Subtype and Induces Estrogen Receptor Alpha Isoform Variation. Non-coding RNA, 2016, 2, 8.	1.3	11
149	Evaluation of Extracellular Matrix Composition to Improve Breast Cancer Modeling. Tissue Engineering - Part A, 2021, 27, 500-511.	1.6	11
150	Induction of HOXA9 expression in three-dimensional organotypic culture of the Claudin-low breast cancer cells. Oncotarget, 2016, 7, 51503-51514.	0.8	11
151	Mirna biogenesis pathway is differentially regulated during adipose derived stromal/stem cell differentiation. Adipocyte, 2018, 7, 1-10.	1.3	10
152	NEK5 activity regulates the mesenchymal and migratory phenotype in breast cancer cells. Breast Cancer Research and Treatment, 2021, 189, 49-61.	1.1	10
153	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
154	Bioprinting on Live Tissue for Investigating Cancer Cell Dynamics. Tissue Engineering - Part A, 2021, 27, 438-453.	1.6	9
155	PKC-mediated survival signaling in breast carcinoma cells: a role for MEK1-AP1 signaling. International Journal of Oncology, 2005, 26, 763-8.	1.4	9
156	PKC-mediated survival signaling in breast carcinoma cells: A role for MEK1-AP1 signaling. International Journal of Oncology, 2005, 26, 763.	1.4	8
157	Soy glyceollins regulate transcript abundance in the female mouse brain. Functional and Integrative Genomics, 2015, 15, 549-561.	1.4	8
158	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.	1.2	8
159	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, .	3.4	8
160	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
161	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
162	Quantifying Breast Cancer-Driven Fiber Alignment and Collagen Deposition in Primary Human Breast Tissue. Frontiers in Bioengineering and Biotechnology, 2021, 9, 618448.	2.0	7

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163	Multifunctional profiling of triple-negative breast cancer patient-derived tumoroids for disease modeling. SLAS Discovery, 2022, 27, 191-200.	1.4	7
164	Targeting TRAF3IP2, Compared to Rab27, is More Effective in Suppressing the Development and Metastasis of Breast Cancer. Scientific Reports, 2020, 10, 8834.	1.6	6
165	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.	1.1	6
166	Role of Nischarin in the pathology of diseases: a special emphasis on breast cancer. Oncogene, 2022, 41, 1079-1086.	2.6	6
167	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.	1.8	6
168	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.	1.2	5
169	Targeting Never-In-Mitosis-A Related Kinase 5 in Cancer: A Review. Current Medicinal Chemistry, 2021, 28, 6096-6109.	1.2	5
170	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.	0.4	4
171	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.	0.8	4
172	Diverse and converging roles of ERK1/2 and ERK5 pathways on mesenchymal to epithelial transition in breast cancer. Translational Oncology, 2021, 14, 101046.	1.7	4
173	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.	1.1	4
174	Breast Cancer-Stromal Interactions: Adipose-Derived Stromal/Stem Cell Age and Cancer Subtype Mediated Remodeling. Stem Cells and Development, 2022, 31, 604-620.	1.1	3
175	Symbiotic Gene Activation is Interrupted by Endocrine Disrupting Chemicals. Scientific World Journal, The, 2001, 1, 653-655.	0.8	2
176	Human Mesenchymal Stem Cells as Mediators of Breast Carcinoma Tumorigenesis and Progression. Scientific World Journal, The, 2010, 10, 1084-1087.	0.8	2
177	Glycinol enhances osteogenic differentiation and attenuates the effects of age on mesenchymal stem cells. Regenerative Medicine, 2017, 12, 513-524.	0.8	2
178	Modeling Breast Cancer in Human Breast Tissue using a Microphysiological System. Journal of Visualized Experiments, 2021, , .	0.2	2
179	Constitutive activation of MEK5 promotes a mesenchymal and migratory cell phenotype in triple negative breast cancer. Oncoscience, 2021, 8, 61-71.	0.9	2
180	Application of a small molecule inhibitor screen approach to identify CXCR4 downstream signaling pathways that promote a mesenchymal and fulvestrantâ€resistant phenotype in breast cancer cells. Oncology Letters, 2021, 21, 380.	0.8	1

#	Article	IF	Citations
181	Liver Kinase B1 Regulates Remodeling of the Tumor Microenvironment in Triple-Negative Breast Cancer. Frontiers in Molecular Biosciences, 0, 9, .	1.6	1
182	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.	0.3	0
183	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.	0.7	0
184	Abstract PS18-47: Use of the published kinase inhibitor set to identify therapeutic targets in TNBC. , 2021, , .		0
185	56371 The Signaling Axis of Tumor Suppressor LKB1 in Triple Negative Breast Cancer. Journal of Clinical and Translational Science, 2021, 5, 15-15.	0.3	0
186	Abstract A016: Electrical impedance assessment of the effect of LBH589 on the cellular behavior and migratory potential of breast cancer cells. , 2013, , .		0
187	Effects of MEK1/2 and MEK5 Pathway Disruption on Skeletal Phenotypes in Intact Female SCID Mice. FASEB Journal, 2018, 32, 644.20.	0.2	0
188	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.	0.4	0
189	436 Examining the Role of Obesity and Leptin Signaling in Triple Negative Breast Cancer. Journal of Clinical and Translational Science, 2022, 6, 86-86.	0.3	0