Richard G Pestell

List of Publications by Citations

385 papers	39,378 citations	112 h-index	183 g-index
396 ext. papers	42,707 ext. citations	6.9 avg, IF	6.92 L-index

#	Paper	IF	Citations
385	Stat3 as an oncogene. *Cell*, **1999**, 98, 295-303	56.2	2389
384	NF-kappaB controls cell growth and differentiation through transcriptional regulation of cyclin D1. *Molecular and Cellular Biology*, **1999**, 19, 5785-99	4.8	1130
383	The reverse Warburg effect: aerobic glycolysis in cancer associated fibroblasts and the tumor stroma. *Cell Cycle*, **2009**, 8, 3984-4001	4.7	890
382	Caveolin-1 null mice are viable but show evidence of hyperproliferative and vascular abnormalities. *Journal of Biological Chemistry*, **2001**, 276, 38121-38	5.4	831
381	Minireview: Cyclin D1: normal and abnormal functions. *Endocrinology*, **2004**, 145, 5439-47	4.8	768
380	Cancer metabolism: a therapeutic perspective. *Nature Reviews Clinical Oncology*, **2017**, 14, 11-31	19.4	659
379	Transforming p21ras mutants and c-Ets-2 activate the cyclin D1 promoter through distinguishable regions. *Journal of Biological Chemistry*, **1995**, 270, 23589-97	5.4	642
378	Ketones and lactate "fuel" tumor growth and metastasis: Evidence that epithelial cancer cells use oxidative mitochondrial metabolism. *Cell Cycle*, **2010**, 9, 3506-14	4.7	429
377	The mammary gland iodide transporter is expressed during lactation and in breast cancer. *Nature Medicine*, **2000**, 6, 871-8	50.5	387
376	Cancer stem cells. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 2144-51	5.6	349
375	Opposing action of estrogen receptors alpha and beta on cyclin D1 gene expression. *Journal of Biological Chemistry*, **2002**, 277, 24353-60	5.4	326
374	Autophagy in cancer associated fibroblasts promotes tumor cell survival: Role of hypoxia, HIF1 induction and NFB activation in the tumor stromal microenvironment. *Cell Cycle*, **2010**, 9, 3515-33	4.7	321
373	NF-kappaB and cell-cycle regulation: the cyclin connection. *Cytokine and Growth Factor Reviews*, **2001**, 12, 73-90	17.9	317
372	The RASSF1A tumor suppressor blocks cell cycle progression and inhibits cyclin D1 accumulation. *Molecular and Cellular Biology*, **2002**, 22, 4309-18	4.8	313
371	Evidence for a stromal-epithelial "lactate shuttle" in human tumors: MCT4 is a marker of oxidative stress in cancer-associated fibroblasts. *Cell Cycle*, **2011**, 10, 1772-83	4.7	310
370	A cyclin D1/microRNA 17/20 regulatory feedback loop in control of breast cancer cell proliferation. *Journal of Cell Biology*, **2008**, 182, 509-17	7.3	307
369	Cyclin D1 is required for transformation by activated Neu and is induced through an E2F-dependent signaling pathway. *Molecular and Cellular Biology*, **2000**, 20, 672-83	4.8	307

368	p300 and p300/cAMP-response element-binding protein-associated factor acetylate the androgen receptor at sites governing hormone-dependent transactivation. *Journal of Biological Chemistry*, **2000**, 275, 20853-60	5.4	296
367	Constitutive and growth factor-regulated phosphorylation of caveolin-1 occurs at the same site (Tyr-14) in vivo: identification of a c-Src/Cav-1/Grb7 signaling cassette. *Molecular Endocrinology*, **2000**, 14, 1750-75		284
366	Adipocyte-secreted factors synergistically promote mammary tumorigenesis through induction of anti-apoptotic transcriptional programs and proto-oncogene stabilization. *Oncogene*, **2003**, 22, 6408-23	9.2	278
365	SIRT1 deacetylation and repression of p300 involves lysine residues 1020/1024 within the cell cycle regulatory domain 1. *Journal of Biological Chemistry*, **2005**, 280, 10264-76	5.4	274
364	Adipocyte-derived collagen VI affects early mammary tumor progression in vivo, demonstrating a critical interaction in the tumor/stroma microenvironment. *Journal of Clinical Investigation*, **2005**, 115, 1163-76	15.9	274
363	Direct acetylation of the estrogen receptor alpha hinge region by p300 regulates transactivation and hormone sensitivity. *Journal of Biological Chemistry*, **2001**, 276, 18375-83	5.4	267
362	Cancer stem cell metabolism. *Breast Cancer Research*, **2016**, 18, 55	8.3	261
361	An absence of stromal caveolin-1 expression predicts early tumor recurrence and poor clinical outcome in human breast cancers. *American Journal of Pathology*, **2009**, 174, 2023-34	5.8	252
360	E2F1 and c-Myc potentiate apoptosis through inhibition of NF-kappaB activity that facilitates MnSOD-mediated ROS elimination. *Molecular Cell*, **2002**, 9, 1017-29	17.6	249
359	Caveolin-1 expression negatively regulates cell cycle progression by inducing G(0)/G(1) arrest via a p53/p21(WAF1/Cip1)-dependent mechanism. *Molecular Biology of the Cell*, **2001**, 12, 2229-44	3.5	239
358	Integration of Rac-dependent regulation of cyclin D1 transcription through a nuclear factor-kappaB-dependent pathway. *Journal of Biological Chemistry*, **1999**, 274, 25245-9	5.4	236
357	Caveolin-1 gene disruption promotes mammary tumorigenesis and dramatically enhances lung metastasis in vivo. Role of Cav-1 in cell invasiveness and matrix metalloproteinase (MMP-2/9) secretion. *Journal of Biological Chemistry*, **2004**, 279, 51630-46	5.4	235
356	Ketones and lactate increase cancer cell "stemness," driving recurrence, metastasis and poor clinical outcome in breast cancer: achieving personalized medicine via Metabolo-Genomics. *Cell Cycle*, **2011**, 10, 1271-86	4.7	229
355	Warburg meets autophagy: cancer-associated fibroblasts accelerate tumor growth and metastasis via oxidative stress, mitophagy, and aerobic glycolysis. *Antioxidants and Redox Signaling*, **2012**, 16, 1264-84	8.4	222
354	Cyclin D1 inhibits peroxisome proliferator-activated receptor gamma-mediated adipogenesis through histone deacetylase recruitment. *Journal of Biological Chemistry*, **2005**, 280, 16934-41	5.4	220
353	Acetylation of androgen receptor enhances coactivator binding and promotes prostate cancer cell growth. *Molecular and Cellular Biology*, **2003**, 23, 8563-75	4.8	218
352	Caveolin-1 and cancer metabolism in the tumor microenvironment: markers, models, and mechanisms. *Annual Review of Pathology: Mechanisms of Disease*, **2012**, 7, 423-67	34	216
351	Hyperactivation of oxidative mitochondrial metabolism in epithelial cancer cells in situ: visualizing the therapeutic effects of metformin in tumor tissue. *Cell Cycle*, **2011**, 10, 4047-64	4.7	216

350	The autophagic tumor stroma model of cancer: Role of oxidative stress and ketone production in fueling tumor cell metabolism. *Cell Cycle*, **2010**, 9, 3485-505	4.7	215
349	Distinct p53 acetylation cassettes differentially influence gene-expression patterns and cell fate. *Journal of Cell Biology*, **2006**, 173, 533-44	7.3	213
348	Role of direct interaction in BRCA1 inhibition of estrogen receptor activity. *Oncogene*, **2001**, 20, 77-87	9.2	212
347	Gene expression phenotypic models that predict the activity of oncogenic pathways. *Nature Genetics*, **2003**, 34, 226-30	36.3	210
346	microRNA 17/20 inhibits cellular invasion and tumor metastasis in breast cancer by heterotypic signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8231-6	11.5	209
345	Tumor cells induce the cancer associated fibroblast phenotype via caveolin-1 degradation: implications for breast cancer and DCIS therapy with autophagy inhibitors. *Cell Cycle*, **2010**, 9, 2423-33	4.7	208
344	Cell cycle arrest and repression of cyclin D1 transcription by INI1/hSNF5. *Molecular and Cellular Biology*, **2002**, 22, 5975-88	4.8	206
343	Fos family members induce cell cycle entry by activating cyclin D1. *Molecular and Cellular Biology*, **1998**, 18, 5609-19	4.8	197
342	Cyclin D1 is transcriptionally regulated by and required for transformation by activated signal transducer and activator of transcription 3. *Cancer Research*, **2006**, 66, 2544-52	10.1	196
341	The integrin-linked kinase regulates the cyclin D1 gene through glycogen synthase kinase 3beta and cAMP-responsive element-binding protein-dependent pathways. *Journal of Biological Chemistry*, **2000**, 275, 32649-57	5.4	196
340	Metabolic reprogramming of cancer-associated fibroblasts by TGF-□drives tumor growth: connecting TGF-□signaling with "Warburg-like" cancer metabolism and L-lactate production. *Cell Cycle*, **2012**, 11, 3019-35	4.7	194
339	Hormonal control of androgen receptor function through SIRT1. *Molecular and Cellular Biology*, **2006**, 26, 8122-35	4.8	194
338	Cancer cells metabolically "fertilize" the tumor microenvironment with hydrogen peroxide, driving the Warburg effect: implications for PET imaging of human tumors. *Cell Cycle*, **2011**, 10, 2504-20	4.7	193
337	BRCA1 gene in breast cancer. *Journal of Cellular Physiology*, **2003**, 196, 19-41	7	191
336	Stromal-epithelial metabolic coupling in cancer: integrating autophagy and metabolism in the tumor microenvironment. *International Journal of Biochemistry and Cell Biology*, **2011**, 43, 1045-51	5.6	189
335	CCR5 antagonist blocks metastasis of basal breast cancer cells. *Cancer Research*, **2012**, 72, 3839-50	10.1	188
334	Loss of stromal caveolin-1 leads to oxidative stress, mimics hypoxia and drives inflammation in the tumor microenvironment, conferring the "reverse Warburg effect": a transcriptional informatics analysis with validation. *Cell Cycle*, **2010**, 9, 2201-19	4.7	188
333	Presenilin 1 negatively regulates beta-catenin/T cell factor/lymphoid enhancer factor-1 signaling independently of beta-amyloid precursor protein and notch processing. *Journal of Cell Biology*, **2001**, 152, 785-94	7.3	187

332	Cellular stress induces the tyrosine phosphorylation of caveolin-1 (Tyr(14)) via activation of p38 mitogen-activated protein kinase and c-Src kinase. Evidence for caveolae, the actin cytoskeleton, and focal adhesions as mechanical sensors of osmotic stress. *Journal of Biological Chemistry*, **2001**, 276, 2094-103	5.4	187
331	pp60(v-src) induction of cyclin D1 requires collaborative interactions between the extracellular signal-regulated kinase, p38, and Jun kinase pathways. A role for cAMP response element-binding protein and activating transcription factor-2 in pp60(v-src) signaling in breast cancer cells. *Journal of Biological Chemistry*, **1999**, 274, 7341-50	5.4	185
330	Cyclin D1 repression of peroxisome proliferator-activated receptor gamma expression and transactivation. *Molecular and Cellular Biology*, **2003**, 23, 6159-73	4.8	184
329	Autophagy and senescence in cancer-associated fibroblasts metabolically supports tumor growth and metastasis via glycolysis and ketone production. *Cell Cycle*, **2012**, 11, 2285-302	4.7	179
328	High glucose increases angiopoietin-2 transcription in microvascular endothelial cells through methylglyoxal modification of mSin3A. *Journal of Biological Chemistry*, **2007**, 282, 31038-45	5.4	174
327	Regulation of PCNA and cyclin D1 expression and epithelial morphogenesis by the ZO-1-regulated transcription factor ZONAB/DbpA. *Molecular and Cellular Biology*, **2006**, 26, 2387-98	4.8	172
326	Endostatin causes G1 arrest of endothelial cells through inhibition of cyclin D1. *Journal of Biological Chemistry*, **2002**, 277, 16464-9	5.4	172
325	Reciprocal regulation of neu tyrosine kinase activity and caveolin-1 protein expression in vitro and in vivo. Implications for human breast cancer. *Journal of Biological Chemistry*, **1998**, 273, 20448-55	5.4	170
324	HIF1-alpha functions as a tumor promoter in cancer associated fibroblasts, and as a tumor suppressor in breast cancer cells: Autophagy drives compartment-specific oncogenesis. *Cell Cycle*, **2010**, 9, 3534-51	4.7	168
323	The reverse Warburg effect: glycolysis inhibitors prevent the tumor promoting effects of caveolin-1 deficient cancer associated fibroblasts. *Cell Cycle*, **2010**, 9, 1960-71	4.7	167
322	p21-activated kinase-1 signaling mediates cyclin D1 expression in mammary epithelial and cancer cells. *Journal of Biological Chemistry*, **2004**, 279, 1422-8	5.4	167
321	Hydrogen peroxide fuels aging, inflammation, cancer metabolism and metastasis: the seed and soil also needs "fertilizer". *Cell Cycle*, **2011**, 10, 2440-9	4.7	165
320	The canonical NF-kappaB pathway governs mammary tumorigenesis in transgenic mice and tumor stem cell expansion. *Cancer Research*, **2010**, 70, 10464-73	10.1	165
319	Cyclin D1 binds the androgen receptor and regulates hormone-dependent signaling in a p300/CBP-associated factor (P/CAF)-dependent manner. *Molecular Endocrinology*, **2001**, 15, 797-811		165
318	Cyclin D1 repression of nuclear respiratory factor 1 integrates nuclear DNA synthesis and mitochondrial function. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 11567-72	11.5	161
317	Molecular genetics of the caveolin gene family: implications for human cancers, diabetes, Alzheimer disease, and muscular dystrophy. *American Journal of Human Genetics*, **1998**, 63, 1578-87	11	159
316	Transcriptional activation of cyclin D1 promoter by FAK contributes to cell cycle progression. *Molecular Biology of the Cell*, **2001**, 12, 4066-77	3.5	159
315	Acetylation of nuclear receptors in cellular growth and apoptosis. *Biochemical Pharmacology*, **2004**, 68, 1199-208	6	158

314	New roles of cyclin D1. *American Journal of Pathology*, **2013**, 183, 3-9	5.8	157
313	Caveolin-1 mutations (P132L and null) and the pathogenesis of breast cancer: caveolin-1 (P132L) behaves in a dominant-negative manner and caveolin-1 (-/-) null mice show mammary epithelial cell hyperplasia. *American Journal of Pathology*, **2002**, 161, 1357-69	5.8	157
312	Activation of the cyclin D1 gene by the E1A-associated protein p300 through AP-1 inhibits cellular apoptosis. *Journal of Biological Chemistry*, **1999**, 274, 34186-95	5.4	153
311	Cyclins and cell cycle control in cancer and disease. *Genes and Cancer*, **2012**, 3, 649-57	2.9	151
310	SIRT1 and endocrine signaling. *Trends in Endocrinology and Metabolism*, **2006**, 17, 186-91	8.8	150
309	Inhibition of cellular proliferation through IkappaB kinase-independent and peroxisome proliferator-activated receptor gamma-dependent repression of cyclin D1. *Molecular and Cellular Biology*, **2001**, 21, 3057-70	4.8	149
308	Cyclin D1 regulates cellular migration through the inhibition of thrombospondin 1 and ROCK signaling. *Molecular and Cellular Biology*, **2006**, 26, 4240-56	4.8	148
307	p21CIP1 attenuates Ras- and c-Myc-dependent breast tumor epithelial mesenchymal transition and cancer stem cell-like gene expression in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 19035-9	11.5	147
306	CDK inhibitors (p16/p19/p21) induce senescence and autophagy in cancer-associated fibroblasts, "fueling" tumor growth via paracrine interactions, without an increase in neo-angiogenesis. *Cell Cycle*, **2012**, 11, 3599-610	4.7	147
305	Cyclin D1 determines mitochondrial function in vivo. *Molecular and Cellular Biology*, **2006**, 26, 5449-69	4.8	147
304	Akt1 governs breast cancer progression in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 7438-43	11.5	146
303	Inhibition of cyclin D1 kinase activity is associated with E2F-mediated inhibition of cyclin D1 promoter activity through E2F and Sp1. *Molecular and Cellular Biology*, **1998**, 18, 3212-22	4.8	142
302	Caveolin-1 expression inhibits Wnt/beta-catenin/Lef-1 signaling by recruiting beta-catenin to caveolae membrane domains. *Journal of Biological Chemistry*, **2000**, 275, 23368-77	5.4	141
301	Androgen receptor acetylation governs trans activation and MEKK1-induced apoptosis without affecting in vitro sumoylation and trans-repression function. *Molecular and Cellular Biology*, **2002**, 22, 3373-88	4.8	140
300	Mitochondrial metabolism in cancer metastasis: visualizing tumor cell mitochondria and the "reverse Warburg effect" in positive lymph node tissue. *Cell Cycle*, **2012**, 11, 1445-54	4.7	139
299	The NF2 tumor suppressor gene product, merlin, inhibits cell proliferation and cell cycle progression by repressing cyclin D1 expression. *Molecular and Cellular Biology*, **2005**, 25, 2384-94	4.8	139
298	Cyclin D1 genetic heterozygosity regulates colonic epithelial cell differentiation and tumor number in ApcMin mice. *Molecular and Cellular Biology*, **2004**, 24, 7598-611	4.8	137
297	Anti-estrogen resistance in breast cancer is induced by the tumor microenvironment and can be overcome by inhibiting mitochondrial function in epithelial cancer cells. *Cancer Biology and Therapy*, **2011**, 12, 924-38	4.6	134

296	The autophagic tumor stroma model of cancer or "battery-operated tumor growth": A simple solution to the autophagy paradox. *Cell Cycle*, **2010**, 9, 4297-306	4.7	134
295	Dissociation of EphB2 signaling pathways mediating progenitor cell proliferation and tumor suppression. *Cell*, **2009**, 139, 679-92	56.2	134
294	IKKalpha regulates mitogenic signaling through transcriptional induction of cyclin D1 via Tcf. *Molecular Biology of the Cell*, **2003**, 14, 585-99	3.5	133
293	p42/44 MAP kinase-dependent and -independent signaling pathways regulate caveolin-1 gene expression. Activation of Ras-MAP kinase and protein kinase a signaling cascades transcriptionally down-regulates caveolin-1 promoter activity. *Journal of Biological Chemistry*, **1999**, 274, 32333-41	5.4	133
292	Caveolin-1 promotes tumor progression in an autochthonous mouse model of prostate cancer: genetic ablation of Cav-1 delays advanced prostate tumor development in tramp mice. *Journal of Biological Chemistry*, **2005**, 280, 25134-45	5.4	131
291	Overview of cyclins D1 function in cancer and the CDK inhibitor landscape: past and present. *Expert Opinion on Investigational Drugs*, **2014**, 23, 295-304	5.9	130
290	In vivo evidence that BMP signaling is necessary for apoptosis in the mouse limb. *Developmental Biology*, **2002**, 249, 108-20	3.1	130
289	Energy transfer in "parasitic" cancer metabolism: mitochondria are the powerhouse and AchillesP heel of tumor cells. *Cell Cycle*, **2011**, 10, 4208-16	4.7	129
288	Cyclin D1 governs adhesion and motility of macrophages. *Molecular Biology of the Cell*, **2003**, 14, 2005-15	3.5	129
287	Phosphorylation of estrogen receptor alpha blocks its acetylation and regulates estrogen sensitivity. *Cancer Research*, **2004**, 64, 9199-208	10.1	126
286	Cyclin D1/cyclin-dependent kinase 4 interacts with filamin A and affects the migration and invasion potential of breast cancer cells. *Cancer Research*, **2010**, 70, 2105-14	10.1	125
285	The role of breast cancer stem cells in metastasis and therapeutic implications. *American Journal of Pathology*, **2011**, 179, 2-11	5.8	124
284	An absence of stromal caveolin-1 is associated with advanced prostate cancer, metastatic disease and epithelial Akt activation. *Cell Cycle*, **2009**, 8, 2420-4	4.7	123
283	Human breast cancer-associated fibroblasts (CAFs) show caveolin-1 downregulation and RB tumor suppressor functional inactivation: Implications for the response to hormonal therapy. *Cancer Biology and Therapy*, **2008**, 7, 1212-25	4.6	122
282	Caveolin-1 potentiates estrogen receptor alpha (ERalpha) signaling. caveolin-1 drives ligand-independent nuclear translocation and activation of ERalpha. *Journal of Biological Chemistry*, **1999**, 274, 33551-6	5.4	122
281	Glutamine fuels a vicious cycle of autophagy in the tumor stroma and oxidative mitochondrial metabolism in epithelial cancer cells: implications for preventing chemotherapy resistance. *Cancer Biology and Therapy*, **2011**, 12, 1085-97	4.6	118
280	Angiotensin II activation of cyclin D1-dependent kinase activity. *Journal of Biological Chemistry*, **1996**, 271, 22570-7	5.4	118
279	Galectin-3 enhances cyclin D(1) promoter activity through SP1 and a cAMP-responsive element in human breast epithelial cells. *Oncogene*, **2002**, 21, 8001-10	9.2	117

278	Transcriptional evidence for the "Reverse Warburg Effect" in human breast cancer tumor stroma and metastasis: similarities with oxidative stress, inflammation, Alzheimerβ disease, and "Neuron-Glia Metabolic Coupling". *Aging*, **2010**, 2, 185-99	5.6	116
277	The role of CD44 in epithelial-mesenchymal transition and cancer development. *OncoTargets and Therapy*, **2015**, 8, 3783-92	4.4	114
276	BRCA1 regulates acetylation and ubiquitination of estrogen receptor-alpha. *Molecular Endocrinology*, **2010**, 24, 76-90		113
275	Glycolytic cancer associated fibroblasts promote breast cancer tumor growth, without a measurable increase in angiogenesis: evidence for stromal-epithelial metabolic coupling. *Cell Cycle*, **2010**, 9, 2412-22	4.7	112
274	microRNA, cell cycle, and human breast cancer. *American Journal of Pathology*, **2010**, 176, 1058-64	5.8	112
273	The cyclin D1 gene is transcriptionally repressed by caveolin-1. *Journal of Biological Chemistry*, **2000** , 275, 21203-9	5.4	111
272	Stromal caveolin-1 levels predict early DCIS progression to invasive breast cancer. *Cancer Biology and Therapy*, **2009**, 8, 1071-9	4.6	110
271	Cyclin D1 induction of cellular migration requires p27(KIP1). *Cancer Research*, **2006**, 66, 9986-94	10.1	110
270	DACH1 inhibits transforming growth factor-beta signaling through binding Smad4. *Journal of Biological Chemistry*, **2003**, 278, 51673-84	5.4	109
269	Characterization of a Rac1 signaling pathway to cyclin D(1) expression in airway smooth muscle cells. *Journal of Biological Chemistry*, **1999**, 274, 22065-71	5.4	109
268	Breast cancer stem cells. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 573-7	5.6	108
267	Lamellipodia in invasion. *Seminars in Cancer Biology*, **2001**, 11, 119-28	12.7	107
266	Intestinal tumor progression is associated with altered function of KLF5. *Journal of Biological Chemistry*, **2004**, 279, 12093-101	5.4	104
265	p300 Modulates the BRCA1 inhibition of estrogen receptor activity. *Cancer Research*, **2002**, 62, 141-51	10.1	104
264	c-Jun induces mammary epithelial cellular invasion and breast cancer stem cell expansion. *Journal of Biological Chemistry*, **2010**, 285, 8218-26	5.4	103
263	Cytokine production and inflammation drive autophagy in the tumor microenvironment: role of stromal caveolin-1 as a key regulator. *Cell Cycle*, **2011**, 10, 1784-93	4.7	103
262	DACH1 is a cell fate determination factor that inhibits cyclin D1 and breast tumor growth. *Molecular and Cellular Biology*, **2006**, 26, 7116-29	4.8	103
261	Caveolin-1-/- null mammary stromal fibroblasts share characteristics with human breast cancer-associated fibroblasts. *American Journal of Pathology*, **2009**, 174, 746-61	5.8	101

260	Recent advances of highly selective CDK4/6 inhibitors in breast cancer. *Journal of Hematology and Oncology*, **2017**, 10, 97	22.4	100
259	Alternative cyclin D1 splice forms differentially regulate the DNA damage response. *Cancer Research*, **2010**, 70, 8802-11	10.1	100
258	Caveolin-1 and mitochondrial SOD2 (MnSOD) function as tumor suppressors in the stromal microenvironment: a new genetically tractable model for human cancer associated fibroblasts. *Cancer Biology and Therapy*, **2011**, 11, 383-94	4.6	100
257	Fibroblast growth factor-2 induces Lef/Tcf-dependent transcription in human endothelial cells. *Journal of Biological Chemistry*, **2002**, 277, 45847-53	5.4	100
256	Cyclin D1 functions in cell migration. *Cell Cycle*, **2006**, 5, 2440-2	4.7	99
255	Role of NF-kappaB signaling in hepatocyte growth factor/scatter factor-mediated cell protection. *Oncogene*, **2005**, 24, 1749-66	9.2	98
254	Caveolin-1 inhibits epidermal growth factor-stimulated lamellipod extension and cell migration in metastatic mammary adenocarcinoma cells (MTLn3). Transformation suppressor effects of adenovirus-mediated gene delivery of caveolin-1. *Journal of Biological Chemistry*, **2000**, 275, 20717-25	5.4	98
253	Trans-repression of beta-catenin activity by nuclear receptors. *Journal of Biological Chemistry*, **2003**, 278, 48137-45	5.4	97
252	Mitochondrial oxidative stress in cancer-associated fibroblasts drives lactate production, promoting breast cancer tumor growth: understanding the aging and cancer connection. *Cell Cycle*, **2011**, 10, 4065-73	4.7	96
251	CTGF drives autophagy, glycolysis and senescence in cancer-associated fibroblasts via HIF1 activation, metabolically promoting tumor growth. *Cell Cycle*, **2012**, 11, 2272-84	4.7	96
250	Two-compartment tumor metabolism: autophagy in the tumor microenvironment and oxidative mitochondrial metabolism (OXPHOS) in cancer cells. *Cell Cycle*, **2012**, 11, 2545-56	4.7	95
249	ChIP sequencing of cyclin D1 reveals a transcriptional role in chromosomal instability in mice. *Journal of Clinical Investigation*, **2012**, 122, 833-43	15.9	93
248	Tobacco-specific carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) induces cell proliferation in normal human bronchial epithelial cells through NFkappaB activation and cyclin D1 up-regulation. *Toxicology and Applied Pharmacology*, **2005**, 205, 133-48	4.6	91
247	Caveolin-1 and accelerated host aging in the breast tumor microenvironment: chemoprevention with rapamycin, an mTOR inhibitor and anti-aging drug. *American Journal of Pathology*, **2012**, 181, 278-93	5.8	90
246	Mechanical force modulates global gene expression and beta-catenin signaling in colon cancer cells. *Journal of Cell Science*, **2007**, 120, 2672-82	5.3	90
245	Mitochondrial fission induces glycolytic reprogramming in cancer-associated myofibroblasts, driving stromal lactate production, and early tumor growth. *Oncotarget*, **2012**, 3, 798-810	3.3	90
244	Activating transcription factor 3 induces DNA synthesis and expression of cyclin D1 in hepatocytes. *Journal of Biological Chemistry*, **2001**, 276, 27272-80	5.4	89
243	Biological rationale for the use of DNA methyltransferase inhibitors as new strategy for modulation of tumor response to chemotherapy and radiation. *Molecular Cancer*, **2010**, 9, 305	42.1	88

242	PPARgamma activation induces autophagy in breast cancer cells. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 2334-42	5.6	87
241	Regulation of the androgen receptor by SET9-mediated methylation. *Nucleic Acids Research*, **2011**, 39, 1266-79	20.1	87
240	Regulation of alphaA-crystallin via Pax6, c-Maf, CREB and a broad domain of lens-specific chromatin. *EMBO Journal*, **2006**, 25, 2107-18	13	87
239	Gastrin-mediated activation of cyclin D1 transcription involves beta-catenin and CREB pathways in gastric cancer cells. *Oncogene*, **2004**, 23, 3689-99	9.2	87
238	Recent Advances Targeting CCR5 for Cancer and Its Role in Immuno-Oncology. *Cancer Research*, **2019**, 79, 4801-4807	10.1	86
237	Altered Rho GTPase signaling pathways in breast cancer cells. *Breast Cancer Research and Treatment*, **2004**, 84, 43-8	4.4	86
236	Caveolin-1 mutations in human breast cancer: functional association with estrogen receptor alpha-positive status. *American Journal of Pathology*, **2006**, 168, 1998-2013	5.8	85
235	Cyclin D1 antagonizes BRCA1 repression of estrogen receptor alpha activity. *Cancer Research*, **2005**, 65, 6557-67	10.1	85
234	Expression profiling identifies altered expression of genes that contribute to the inhibition of transforming growth factor-beta signaling in ovarian cancer. *Cancer Research*, **2006**, 66, 8404-12	10.1	84
233	Understanding the metabolic basis of drug resistance: therapeutic induction of the Warburg effect kills cancer cells. *Cell Cycle*, **2011**, 10, 2521-8	4.7	83
232	Cyclin D1 represses p300 transactivation through a cyclin-dependent kinase-independent mechanism. *Journal of Biological Chemistry*, **2005**, 280, 29728-42	5.4	81
231	Pyruvate kinase expression (PKM1 and PKM2) in cancer-associated fibroblasts drives stromal nutrient production and tumor growth. *Cancer Biology and Therapy*, **2011**, 12, 1101-13	4.6	80
230	MEK/ERK inhibitor U0126 affects in vitro and in vivo growth of embryonal rhabdomyosarcoma. *Molecular Cancer Therapeutics*, **2009**, 8, 543-51	6.1	79
229	Epigenetic regulation of nuclear steroid receptors. *Biochemical Pharmacology*, **2006**, 72, 1589-96	6	79
228	Transforming potential of Dbl family proteins correlates with transcription from the cyclin D1 promoter but not with activation of Jun NH2-terminal kinase, p38/Mpk2, serum response factor, or c-Jun. *Journal of Biological Chemistry*, **1998**, 273, 16739-47	5.4	79
227	Dachshund inhibits oncogene-induced breast cancer cellular migration and invasion through suppression of interleukin-8. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 6924-9	11.5	78
226	Activation of transcription factors AP-1 and NF-kappa B in murine Chagasic myocarditis. *Infection and Immunity*, **2003**, 71, 2859-67	3.7	78
225	Growth inhibition of human hepatoma cells by acyclic retinoid is associated with induction of p21(CIP1) and inhibition of expression of cyclin D1. *Cancer Research*, **2002**, 62, 3997-4006	10.1	77

224	Catalytic activation of extracellular signal-regulated kinases induces cyclin D1 expression in primary tracheal myocytes. *American Journal of Respiratory Cell and Molecular Biology*, **1998**, 18, 736-40	5.7	76
223	Caveolin-1-deficient mice show defects in innate immunity and inflammatory immune response during Salmonella enterica serovar Typhimurium infection. *Infection and Immunity*, **2006**, 74, 6665-74	3.7	74
222	BRCA1 inhibition of telomerase activity in cultured cells. *Molecular and Cellular Biology*, **2003**, 23, 8668-90	4.8	74
221	Epidermal growth factor receptor distribution during chemotactic responses. *Molecular Biology of the Cell*, **2000**, 11, 3873-83	3.5	74
220	Stromal and epithelial caveolin-1 both confer a protective effect against mammary hyperplasia and tumorigenesis: Caveolin-1 antagonizes cyclin D1 function in mammary epithelial cells. *American Journal of Pathology*, **2006**, 169, 1784-801	5.8	73
219	Indomethacin induces differential expression of beta-catenin, gamma-catenin and T-cell factor target genes in human colorectal cancer cells. *Carcinogenesis*, **2002**, 23, 107-14	4.6	72
218	Epidermal growth factor and c-Jun act via a common DNA regulatory element to stimulate transcription of the ovine P-450 cholesterol side chain cleavage (CYP11A1) promoter. *Journal of Biological Chemistry*, **1995**, 270, 18301-8	5.4	70
217	Methylglyoxal modification of mSin3A links glycolysis to angiopoietin-2 transcription. *Cell*, **2006**, 124, 275-86	56.2	68
216	Clinical and translational implications of the caveolin gene family: lessons from mouse models and human genetic disorders. *Laboratory Investigation*, **2009**, 89, 614-23	5.9	67
215	Cell fate determination factor Dachshund reprograms breast cancer stem cell function. *Journal of Biological Chemistry*, **2011**, 286, 2132-42	5.4	67
214	Metabolic reprogramming and two-compartment tumor metabolism: opposing role(s) of HIF1 and HIF2 in tumor-associated fibroblasts and human breast cancer cells. *Cell Cycle*, **2012**, 11, 3280-9	4.7	67
213	EYA1 phosphatase function is essential to drive breast cancer cell proliferation through cyclin D1. *Cancer Research*, **2013**, 73, 4488-99	10.1	66
212	The cell fate determination factor dachshund inhibits androgen receptor signaling and prostate cancer cellular growth. *Cancer Research*, **2009**, 69, 3347-55	10.1	66
211	The androgen receptor acetylation site regulates cAMP and AKT but not ERK-induced activity. *Journal of Biological Chemistry*, **2004**, 279, 29436-49	5.4	66
210	Myocardial expression of endothelin-1 in murine Trypanosoma cruzi infection. *Cardiovascular Pathology*, **2000**, 9, 257-65	3.8	66
209	Caloric restriction augments radiation efficacy in breast cancer. *Cell Cycle*, **2013**, 12, 1955-63	4.7	65
208	Oncogenes and inflammation rewire host energy metabolism in the tumor microenvironment: RAS and NFB target stromal MCT4. *Cell Cycle*, **2013**, 12, 2580-97	4.7	65
207	CCR5 Governs DNA Damage Repair and Breast Cancer Stem Cell Expansion. *Cancer Research*, **2018**, 78, 1657-1671	10.1	64

206	Regulation of the human chorionic gonadotropin alpha- and beta-subunit promoters by AP-2. *Journal of Biological Chemistry*, **1997**, 272, 15405-12	5.4	64
205	Caveolin-1-deficient mice have an increased mammary stem cell population with upregulation of Wnt/beta-catenin signaling. *Cell Cycle*, **2005**, 4, 1808-16	4.7	64
204	Cyclin-dependent kinase inhibitors: novel anticancer agents. *Expert Opinion on Investigational Drugs* , **2000**, 9, 1849-70	5.9	64
203	MEK/ERK inhibitor U0126 increases the radiosensitivity of rhabdomyosarcoma cells in vitro and in vivo by downregulating growth and DNA repair signals. *Molecular Cancer Therapeutics*, **2011**, 10, 159-68	6.1	62
202	Caveolin-1 (P132L), a common breast cancer mutation, confers mammary cell invasiveness and defines a novel stem cell/metastasis-associated gene signature. *American Journal of Pathology*, **2009**, 174, 1650-62	5.8	62
201	Metastasis-associated protein 2 is a repressor of estrogen receptor alpha whose overexpression leads to estrogen-independent growth of human breast cancer cells. *Molecular Endocrinology*, **2006** , 20, 2020-35		62
200	Caveolin-1 deficiency (-/-) conveys premalignant alterations in mammary epithelia, with abnormal lumen formation, growth factor independence, and cell invasiveness. *American Journal of Pathology* , **2006**, 168, 292-309	5.8	62
199	Spatially discrete, light-driven protein expression. *Chemistry and Biology*, **2002**, 9, 1347-53		62
198	Loss of caveolin-1 causes the hyper-proliferation of intestinal crypt stem cells, with increased sensitivity to whole body gamma-radiation. *Cell Cycle*, **2005**, 4, 1817-25	4.7	62
197	Combined loss of INK4a and caveolin-1 synergistically enhances cell proliferation and oncogene-induced tumorigenesis: role of INK4a/CAV-1 in mammary epithelial cell hyperplasia. *Journal of Biological Chemistry*, **2004**, 279, 24745-56	5.4	61
196	Interferon-beta activates multiple signaling cascades in primary human microglia. *Journal of Neurochemistry*, **2002**, 81, 1361-71	6	61
195	The potential to target CCL5/CCR5 in breast cancer. *Expert Opinion on Therapeutic Targets*, **2014**, 18, 1265-75	6.4	59
194	Examining the role of cyclin D1 in breast cancer. *Future Oncology*, **2011**, 7, 753-65	3.6	58
193	Protein kinase C isoforms involved in the transcriptional activation of cyclin D1 by transforming Ha-Ras. *Journal of Biological Chemistry*, **2001**, 276, 42834-42	5.4	58
192	Protein kinase Cdelta inhibition of S-phase transition in capillary endothelial cells involves the cyclin-dependent kinase inhibitor p27(Kip1). *Journal of Biological Chemistry*, **1999**, 274, 20805-11	5.4	58
191	SIRT1 modulates aggregation and toxicity through deacetylation of the androgen receptor in cell models of SBMA. *Journal of Neuroscience*, **2011**, 31, 17425-36	6.6	57
190	Dual mechanisms for lysophosphatidic acid stimulation of human ovarian carcinoma cells. *Journal of the National Cancer Institute*, **2003**, 95, 733-40	9.7	57
189	Regulation of cyclin D(1) expression and DNA synthesis by phosphatidylinositol 3-kinase in airway smooth muscle cells. *American Journal of Respiratory Cell and Molecular Biology*, **2000**, 23, 436-43	5.7	57

188	Dietary restriction: standing up for sirtuins. *Science*, **2010**, 329, 1012-3; author reply 1013-4	33.3	56
187	The Dachshund gene in development and hormone-responsive tumorigenesis. *Trends in Endocrinology and Metabolism*, **2010**, 21, 41-9	8.8	56
186	Biological functions of CDK5 and potential CDK5 targeted clinical treatments. *Oncotarget*, **2017**, 8, 17373-17382	3.3	56
185	The CCL5/CCR5 axis promotes metastasis in basal breast cancer. *OncoImmunology*, **2013**, 2, e23660	7.2	55
184	CAV1 inhibits metastatic potential in melanomas through suppression of the integrin/Src/FAK signaling pathway. *Cancer Research*, **2010**, 70, 7489-99	10.1	55
183	Matrix remodeling stimulates stromal autophagy, "fueling" cancer cell mitochondrial metabolism and metastasis. *Cell Cycle*, **2011**, 10, 2021-34	4.7	55
182	Is cancer a metabolic rebellion against host aging? In the quest for immortality, tumor cells try to save themselves by boosting mitochondrial metabolism. *Cell Cycle*, **2012**, 11, 253-63	4.7	55
181	Bone morphogenetic protein signaling regulates postnatal hair follicle differentiation and cycling. *American Journal of Pathology*, **2004**, 165, 729-40	5.8	55
180	Cyclin D1 determines estrogen signaling in the mammary gland in vivo. *Molecular Endocrinology*, **2013**, 27, 1415-28		54
179	Disruption of a Sirt1-dependent autophagy checkpoint in the prostate results in prostatic intraepithelial neoplasia lesion formation. *Cancer Research*, **2011**, 71, 964-75	10.1	54
178	Cell fate factor DACH1 represses YB-1-mediated oncogenic transcription and translation. *Cancer Research*, **2014**, 74, 829-39	10.1	53
177	Caveolin-1, mammary stem cells, and estrogen-dependent breast cancers. *Cancer Research*, **2006**, 66, 10647-51	10.1	53
176	Menatetrenone, a vitamin K2 analogue, inhibits hepatocellular carcinoma cell growth by suppressing cyclin D1 expression through inhibition of nuclear factor kappaB activation. *Clinical Cancer Research*, **2007**, 13, 2236-45	12.9	53
175	Trypanosoma cruzi infection activates extracellular signal-regulated kinase in cultured endothelial and smooth muscle cells. *Infection and Immunity*, **2004**, 72, 5274-82	3.7	52
174	AND-34/BCAR3, a GDP exchange factor whose overexpression confers antiestrogen resistance, activates Rac, PAK1, and the cyclin D1 promoter. *Cancer Research*, **2003**, 63, 6802-8	10.1	52
173	Towards a new "stromal-based" classification system for human breast cancer prognosis and therapy. *Cell Cycle*, **2009**, 8, 1654-8	4.7	51
172	miR-221/222 promotes S-phase entry and cellular migration in control of basal-like breast cancer. *Molecules*, **2014**, 19, 7122-37	4.8	50
171	Attenuation of Forkhead signaling by the retinal determination factor DACH1. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 6864-9	11.5	50

170	The cell fate determination factor DACH1 is expressed in estrogen receptor-alpha-positive breast cancer and represses estrogen receptor-alpha signaling. *Cancer Research*, **2009**, 69, 5752-60	10.1	50
169	Mechanisms for Helicobacter pylori CagA-induced cyclin D1 expression that affect cell cycle. *Cellular Microbiology*, **2006**, 8, 1740-52	3.9	50
168	Caveolin-1 in breast cancer. *Cancer Biology and Therapy*, **2004**, 3, 931-41	4.6	50
167	Recent advances in inducible expression in transgenic mice. *Seminars in Cell and Developmental Biology*, **2002**, 13, 129-41	7.5	50
166	Sustained mammary gland-directed, ponasterone A-inducible expression in transgenic mice. *FASEB Journal*, **2000**, 14, 877-84	0.9	50
165	Differential effects of p21(WAF1/CIP1) deficiency on MMTV-ras and MMTV-myc mammary tumor properties. *Cancer Research*, **2002**, 62, 2077-84	10.1	50
164	Dachshund binds p53 to block the growth of lung adenocarcinoma cells. *Cancer Research*, **2013**, 73, 3262-74	10.1	49
163	Genetic ablation of caveolin-1 drives estrogen-hypersensitivity and the development of DCIS-like mammary lesions. *American Journal of Pathology*, **2009**, 174, 1172-90	5.8	49
162	Alternate cyclin D1 mRNA splicing modulates p27KIP1 binding and cell migration. *Journal of Biological Chemistry*, **2008**, 283, 7007-15	5.4	49
161	Evidence that Myc isoforms transcriptionally repress caveolin-1 gene expression via an INR-dependent mechanism. *Biochemistry*, **2001**, 40, 3354-62	3.2	49
160	A critical evaluation of transsphenoidal pituitary surgery in the treatment of Cushing's disease: prediction of outcome. *European Journal of Endocrinology*, **1990**, 123, 423-30	6.5	48
159	ARC (apoptosis repressor with caspase recruitment domain) is a novel marker of human colon cancer. *Cell Cycle*, **2008**, 7, 1640-7	4.7	47
158	Senescence and epigenetic dysregulation in cancer. *International Journal of Biochemistry and Cell Biology*, **2002**, 34, 1475-90	5.6	47
157	CCR5 receptor antagonists block metastasis to bone of v-Src oncogene-transformed metastatic prostate cancer cell lines. *Cancer Research*, **2014**, 74, 7103-14	10.1	46
156	miRNAs regulate stem cell self-renewal and differentiation. *Frontiers in Genetics*, **2012**, 3, 191	4.5	46
155	Notch1-induced transformation of RKE-1 cells requires up-regulation of cyclin D1. *Cancer Research*, **2006**, 66, 7562-70	10.1	46
154	Dissecting the roles of beta-catenin and cyclin D1 during mammary development and neoplasia. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 11400-5	11.5	46
153	Targeting tumor-initiating cells: eliminating anabolic cancer stem cells with inhibitors of protein synthesis or by mimicking caloric restriction. *Oncotarget*, **2015**, 6, 4585-601	3.3	46

152	Acetylation and nuclear receptor action. *Journal of Steroid Biochemistry and Molecular Biology*, **2011**, 123, 91-100	5.1	45
151	Activator protein-2 mediates transcriptional activation of the CYP11A1 gene by interaction with Sp1 rather than binding to DNA. *Molecular Endocrinology*, **1999**, 13, 1402-16		45
150	Caveolin-1 promotes pancreatic cancer cell differentiation and restores membranous E-cadherin via suppression of the epithelial-mesenchymal transition. *Cell Cycle*, **2011**, 10, 3692-700	4.7	44
149	Loss of Sirt1 promotes prostatic intraepithelial neoplasia, reduces mitophagy, and delays PARK2 translocation to mitochondria. *American Journal of Pathology*, **2015**, 185, 266-79	5.8	42
148	EglN2 associates with the NRF1-PGC1 complex and controls mitochondrial function in breast cancer. *EMBO Journal*, **2015**, 34, 2953-70	13	42
147	Bombesin regulates cyclin D1 expression through the early growth response protein Egr-1 in prostate cancer cells. *Cancer Research*, **2005**, 65, 9934-42	10.1	42
146	Bioinformatics analysis reveals transcriptome and microRNA signatures and drug repositioning targets for IBD and other autoimmune diseases. *Inflammatory Bowel Diseases*, **2012**, 18, 2315-33	4.5	41
145	Caveolin-1 is a negative regulator of tumor growth in glioblastoma and modulates chemosensitivity to temozolomide. *Cell Cycle*, **2013**, 12, 1510-20	4.7	41
144	Altered expression of DACH1 and cyclin D1 in endometrial cancer. *Cancer Biology and Therapy*, **2009**, 8, 1534-9	4.6	41
143	Adrenocorticotropin induction of stress-activated protein kinase in the adrenal cortex in vivo. *Journal of Biological Chemistry*, **1997**, 272, 20063-9	5.4	41
142	Nuclear factor-kappaB enhances ErbB2-induced mammary tumorigenesis and neoangiogenesis in vivo. *American Journal of Pathology*, **2009**, 174, 1910-20	5.8	39
141	Nerve Growth factor regulation of cyclin D1 in PC12 cells through a p21RAS extracellular signal-regulated kinase pathway requires cooperative interactions between Sp1 and nuclear factor-kappaB. *Molecular Biology of the Cell*, **2008**, 19, 2566-78	3.5	39
140	Sirtuins, nuclear hormone receptor acetylation and transcriptional regulation. *Trends in Endocrinology and Metabolism*, **2007**, 18, 356-64	8.8	39
139	Amino acids regulate hepatocyte proliferation through modulation of cyclin D1 expression. *Journal of Biological Chemistry*, **2003**, 278, 25853-8	5.4	39
138	Activating peroxisome proliferator-activated receptor gamma mutant promotes tumor growth in vivo by enhancing angiogenesis. *Cancer Research*, **2009**, 69, 9236-44	10.1	38
137	Cyclin D1 silencing suppresses tumorigenicity, impairs DNA double strand break repair and thus radiosensitizes androgen-independent prostate cancer cells to DNA damage. *Oncotarget*, **2016**, 7, 5383-400	3.3	38
136	Metabolic remodeling of the tumor microenvironment: migration stimulating factor (MSF) reprograms myofibroblasts toward lactate production, fueling anabolic tumor growth. *Cell Cycle*, **2012**, 11, 3403-14	4.7	37
135	Nuclear receptor modifications and endocrine cell proliferation. *Journal of Steroid Biochemistry and Molecular Biology*, **2003**, 85, 133-8	5.1	37

134	Regulation of airway smooth muscle cyclin D1 transcription by protein kinase C-delta. *American Journal of Respiratory Cell and Molecular Biology*, **2002**, 27, 204-13	5.7	37
133	Trop-2 is up-regulated in invasive prostate cancer and displaces FAK from focal contacts. *Oncotarget*, **2015**, 6, 14318-28	3.3	37
132	Identification of a cyclin D1 network in prostate cancer that antagonizes epithelial-mesenchymal restraint. *Cancer Research*, **2014**, 74, 508-19	10.1	36
131	ErbB2 induces Notch1 activity and function in breast cancer cells. *Clinical and Translational Science*, **2008**, 1, 107-15	4.9	36
130	p27Kip1 repression of ErbB2-induced mammary tumor growth in transgenic mice involves Skp2 and Wnt/beta-catenin signaling. *Cancer Research*, **2006**, 66, 8529-41	10.1	36
129	Disruption of BRCA1 LXCXE motif alters BRCA1 functional activity and regulation of RB family but not RB protein binding. *Oncogene*, **2001**, 20, 4827-41	9.2	36
128	Flavopiridol and trastuzumab synergistically inhibit proliferation of breast cancer cells: association with selective cooperative inhibition of cyclin D1-dependent kinase and Akt signaling pathways. *Molecular Cancer Therapeutics*, **2002**, 1, 695-706	6.1	36
127	Reverse Warburg effect in a patient with aggressive B-cell lymphoma: is lactic acidosis a paraneoplastic syndrome?. *Seminars in Oncology*, **2013**, 40, 403-18	5.5	35
126	Nutrient restriction and radiation therapy for cancer treatment: when less is more. *Oncologist*, **2013** , 18, 97-103	5.7	35
125	Acetylation in hormone signaling and the cell cycle. *Cytokine and Growth Factor Reviews*, **2002**, 13, 259-76	7.9	35
124	Forskolin inhibits cyclin D1 expression in cultured airway smooth-muscle cells. *American Journal of Respiratory Cell and Molecular Biology*, **1999**, 20, 352-8	5.7	35
123	PACSIN 2 represses cellular migration through direct association with cyclin D1 but not its alternate splice form cyclin D1b. *Cell Cycle*, **2011**, 10, 73-81	4.7	34
122	5-Azacitidine restores and amplifies the bicalutamide response on preclinical models of androgen receptor expressing or deficient prostate tumors. *Prostate*, **2010**, 70, 1166-78	4.2	34
121	Differential effects of 16alpha-hydroxyestrone and 2-methoxyestradiol on cyclin D1 involving the transcription factor ATF-2 in MCF-7 breast cancer cells. *Journal of Molecular Endocrinology*, **2005**, 34, 91-105	4.5	34
120	Kinase-independent role of cyclin D1 in chromosomal instability and mammary tumorigenesis. *Oncotarget*, **2015**, 6, 8525-38	3.3	34
119	Cyclin D1 Restrains Oncogene-Induced Autophagy by Regulating the AMPK-LKB1 Signaling Axis. *Cancer Research*, **2017**, 77, 3391-3405	10.1	33
118	Nucleolar localization of the microtubule-associated protein tau in neuroblastomas using sense and anti-sense transfection strategies. *Cytoskeleton*, **1997**, 38, 100-10		33
117	ErbB-2 induces the cyclin D1 gene in prostate epithelial cells in vitro and in vivo. *Cancer Research*, **2007**, 67, 4364-72	10.1	33

116	The induction of the p53 tumor suppressor protein bridges the apoptotic and autophagic signaling pathways to regulate cell death in prostate cancer cells. *Oncotarget*, **2014**, 5, 10678-91	3.3	33
115	Dissecting tumor metabolic heterogeneity: Telomerase and large cell size metabolically define a sub-population of stem-like, mitochondrial-rich, cancer cells. *Oncotarget*, **2015**, 6, 21892-905	3.3	33
114	Hepatocyte DACH1 Is Increased in Obesity via Nuclear Exclusion of HDAC4 and Promotes Hepatic Insulin Resistance. *Cell Reports*, **2016**, 15, 2214-2225	10.6	33
113	The inhibitor of cyclin-dependent kinase 4a/alternative reading frame (INK4a/ARF) locus encoded proteins p16INK4a and p19ARF repress cyclin D1 transcription through distinct cis elements. *Cancer Research*, **2004**, 64, 4122-30	10.1	32
112	Cytokine CCL5 and receptor CCR5 axis in glioblastoma multiforme. *Radiology and Oncology*, **2019**, 53, 397-406	3.8	32
111	Small RNA zippers lock miRNA molecules and block miRNA function in mammalian cells. *Nature Communications*, **2017**, 8, 13964	17.4	31
110	Trypanosoma cruzi infection induces proliferation of vascular smooth muscle cells. *Infection and Immunity*, **2006**, 74, 152-9	3.7	31
109	The application of a lentiviral vector for gene transfer in fetal human hepatocytes. *Journal of Gene Medicine*, **2000**, 2, 186-93	3.5	31
108	Prolactin negatively regulates caveolin-1 gene expression in the mammary gland during lactation, via a Ras-dependent mechanism. *Journal of Biological Chemistry*, **2001**, 276, 48389-97	5.4	31
107	Multiple pituitary hormone gradients from inferior petrosal sinus sampling in Cushingß disease. *European Journal of Endocrinology*, **1988**, 119, 75-80	6.5	31
106	Positherapy: targeted nuclear therapy of breast cancer with 18F-2-deoxy-2-fluoro-D-glucose. *Cancer Research*, **2005**, 65, 698-702	10.1	31
105	The metastatic potential of triple-negative breast cancer is decreased via caloric restriction-mediated reduction of the miR-17~92 cluster. *Breast Cancer Research and Treatment*, **2014**, 146, 41-50	4.4	30
104	Regulation of cyclin dependent kinase inhibitor proteins during neonatal cerebella development. *Developmental Brain Research*, **1998**, 108, 77-87		30
103	Downregulation of cyclin D1 alters cdk 4- and cdk 2-specific phosphorylation of retinoblastoma protein. *Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications*, **2000**, 3, 352-9		30
102	Multiple promoter elements in the human chorionic gonadotropin beta subunit genes distinguish their expression from the luteinizing hormone beta gene. *Molecular and Cellular Endocrinology*, **1994**, 106, 111-9	4.4	30
101	ErbB-2-induced mammary tumor growth: the role of cyclin D1 and p27Kip1. *Biochemical Pharmacology*, **2002**, 64, 827-36	6	29
100	Role of BRCA1 in heat shock response. *Oncogene*, **2003**, 22, 10-27	9.2	29
99	Biochemical and hormonal changes during a 1000 km ultramarathon. *Clinical and Experimental Pharmacology and Physiology*, **1989**, 16, 353-61	3	29

98	Acetylation in nuclear receptor signaling and the role of sirtuins. *Molecular Endocrinology*, **2008**, 22, 539-45		28
97	3-phosphoinositide-dependent protein kinase-1 activates the peroxisome proliferator-activated receptor-gamma and promotes adipocyte differentiation. *Molecular Endocrinology*, **2006**, 20, 268-78		28
96	Epigenetics and the estrogen receptor. *Annals of the New York Academy of Sciences*, **2006**, 1089, 73-87	6.5	28
95	Acetylation-defective mutant of Pparγ is associated with decreased lipid synthesis in breast cancer cells. *Oncotarget*, **2014**, 5, 7303-15	3.3	28
94	The effect of tumor necrosis factor-alpha and cAMP on induction of AP-1 activity in MA-10 tumor Leydig cells. *Endocrine*, **1997**, 6, 317-24	4	27
93	Somatic excision demonstrates that c-Jun induces cellular migration and invasion through induction of stem cell factor. *Molecular and Cellular Biology*, **2007**, 27, 1356-69	4.8	27
92	Disruption of c-Jun reduces cellular migration and invasion through inhibition of c-Src and hyperactivation of ROCK II kinase. *Molecular Biology of the Cell*, **2008**, 19, 1378-90	3.5	26
91	CCR5-Mediated Signaling Is Involved in Invasion of Glioblastoma Cells in Its Microenvironment. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	25
90	Cyclin D1 integrates estrogen-mediated DNA damage repair signaling. *Cancer Research*, **2014**, 74, 3959-70	10.1	25
89	miR-17/20 sensitization of breast cancer cells to chemotherapy-induced apoptosis requires Akt1. *Oncotarget*, **2014**, 5, 1083-90	3.3	25
88	Breast cancer cell proliferation is inhibited by BAD: regulation of cyclin D1. *Journal of Biological Chemistry*, **2007**, 282, 28864-28873	5.4	25
87	Cyclin D1 Promotes Androgen-Dependent DNA Damage Repair in Prostate Cancer Cells. *Cancer Research*, **2016**, 76, 329-38	10.1	24
86	Genetic ablation of caveolin-1 in mammary epithelial cells increases milk production and hyper-activates STAT5a signaling. *Cancer Biology and Therapy*, **2006**, 5, 292-7	4.6	24
85	Acetylation of the cell-fate factor dachshund determines p53 binding and signaling modules in breast cancer. *Oncotarget*, **2013**, 4, 923-35	3.3	24
84	The endogenous cell-fate factor dachshund restrains prostate epithelial cell migration via repression of cytokine secretion via a cxcl signaling module. *Cancer Research*, **2015**, 75, 1992-2004	10.1	23
83	Cav1 suppresses tumor growth and metastasis in a murine model of cutaneous SCC through modulation of MAPK/AP-1 activation. *American Journal of Pathology*, **2013**, 182, 992-1004	5.8	23
82	Compartment-specific activation of PPARγ governs breast cancer tumor growth, via metabolic reprogramming and symbiosis. *Cell Cycle*, **2013**, 12, 1360-70	4.7	23
81	Ras inactivation of the retinoblastoma pathway by distinct mechanisms in NIH 3T3 fibroblast and RIE-1 epithelial cells. *Journal of Biological Chemistry*, **2000**, 275, 40916-24	5.4	23

80	Hormone-induced DNA damage response and repair mediated by cyclin D1 in breast and prostate cancer. *Oncotarget*, **2017**, 8, 81803-81812	3.3	23
79	The retinal determination gene network: from developmental regulator to cancer therapeutic target. *Oncotarget*, **2016**, 7, 50755-50765	3.3	23
78	Sirt1-deficient mice have hypogonadotropic hypogonadism due to defective GnRH neuronal migration. *Molecular Endocrinology*, **2015**, 29, 200-12		22
77	DACH1 suppresses breast cancer as a negative regulator of CD44. *Scientific Reports*, **2017**, 7, 4361	4.9	22
76	Transcription elongation regulator 1 is a co-integrator of the cell fate determination factor Dachshund homolog 1. *Journal of Biological Chemistry*, **2010**, 285, 40342-50	5.4	22
75	Inhibition of cyclin D1 gene transcription by Brg-1. *Cell Cycle*, **2008**, 7, 647-55	4.7	22
74	Peroxisome proliferator-activated receptor gamma activation modulates cyclin D1 transcription via beta-catenin-independent and cAMP-response element-binding protein-dependent pathways in mouse hepatocytes. *Journal of Biological Chemistry*, **2004**, 279, 16927-38	5.4	22
73	BRCA1 in hormone-responsive cancers. *Trends in Endocrinology and Metabolism*, **2003**, 14, 378-85	8.8	22
72	Impaired glucose tolerance after endurance exercise is associated with reduced insulin secretion rather than altered insulin sensitivity. *Metabolism: Clinical and Experimental*, **1993**, 42, 277-82	12.7	22
71	Stromal cyclin D1 promotes heterotypic immune signaling and breast cancer growth. *Oncotarget*, **2017**, 8, 81754-81775	3.3	22
70	The role of Ink4a/Arf in ErbB2 mammary gland tumorigenesis. *Cancer Research*, **2003**, 63, 3395-402	10.1	22
69	Cytochalasin B-induced membrane vesicles convey angiogenic activity of parental cells. *Oncotarget*, **2017**, 8, 70496-70507	3.3	21
68	Breast Cancer Stem Cell Isolation. *Methods in Molecular Biology*, **2016**, 1406, 121-35	1.4	21
67	Cyclin D1-mediated microRNA expression signature predicts breast cancer outcome. *Theranostics*, **2018**, 8, 2251-2263	12.1	21
66	Reduced cyclin D1 expression in the cerebella of nutritionally deprived rats correlates with developmental delay and decreased cellular DNA synthesis. *Journal of Neuropathology and Experimental Neurology*, **1996**, 55, 1009-20	3.1	21
65	BCL-2 family protein, BAD is down-regulated in breast cancer and inhibits cell invasion. *Experimental Cell Research*, **2015**, 331, 1-10	4.2	20
64	Novel oncogene-induced metastatic prostate cancer cell lines define human prostate cancer progression signatures. *Cancer Research*, **2013**, 73, 978-89	10.1	20
63	Genetic ablation of Cav1 differentially affects melanoma tumor growth and metastasis in mice: role of Cav1 in Shh heterotypic signaling and transendothelial migration. *Cancer Research*, **2012**, 72, 2262-74	10.1	19

62	Ras regulation of cyclin D1 promoter. *Methods in Enzymology*, **2001**, 333, 116-27	1.7	19
61	Imaging spontaneous MMTVneu transgenic murine mammary tumors: targeting metabolic activity versus genetic products. *Journal of Nuclear Medicine*, **2010**, 51, 106-11	8.9	18
60	Double homozygous missense mutations in DACH1 and BMP4 in a patient with bilateral cystic renal dysplasia. *Nephrology Dialysis Transplantation*, **2013**, 28, 227-32	4.3	17
59	Familial acromegaly. *European Journal of Endocrinology*, **1989**, 121, 286-9	6.5	17
58	A direct quantification method for measuring plasma MicroRNAs identified potential biomarkers for detecting metastatic breast cancer. *Oncotarget*, **2016**, 7, 21865-74	3.3	17
57	Hearts lacking caveolin-1 develop hypertrophy with normal cardiac substrate metabolism. *Cell Cycle* , **2008**, 7, 2509-18	4.7	16
56	Construction of a novel DNA decoy that inhibits the oncogenic beta-catenin/T-cell factor pathway. *Molecular Cancer Therapeutics*, **2006**, 5, 985-94	6.1	16
55	Small non-coding RNAs govern mammary gland tumorigenesis. *Journal of Mammary Gland Biology and Neoplasia*, **2012**, 17, 59-64	2.4	15
54	Loss of caveolin-3 induces a lactogenic microenvironment that is protective against mammary tumor formation. *American Journal of Pathology*, **2009**, 174, 613-29	5.8	15
53	Cyclin D1 integrates G9a-mediated histone methylation. *Oncogene*, **2019**, 38, 4232-4249	9.2	14
52	v-Src Oncogene Induces Trop2 Proteolytic Activation via Cyclin D1. *Cancer Research*, **2016**, 76, 6723-6734	10.1	14
51	Long and noncoding RNAs (lnc-RNAs) determine androgen receptor dependent gene expression in prostate cancer growth in vivo. *Asian Journal of Andrology*, **2014**, 16, 268-9	2.8	14
50	CAPER, a novel regulator of human breast cancer progression. *Cell Cycle*, **2014**, 13, 1256-64	4.7	14
49	Using Caveolin-1 epithelial immunostaining patterns to stratify human breast cancer patients and predict the Caveolin-1 (P132L) mutation. *Cell Cycle*, **2009**, 8, 1396-401	4.7	14
48	Cell cycle regulatory proteins in the liver in murine Trypanosoma cruzi infection. *Cell Cycle*, **2006**, 5, 2396-400	4.7	13
47	Mayven induces c-Jun expression and cyclin D1 activation in breast cancer cells. *Oncogene*, **2005**, 24, 2398-409	9.2	13
46	Dietary n-3 polyunsaturated fatty acids fail to reduce prostate tumorigenesis in the PB-ErbB-2 x Pten(+/-) preclinical mouse model. *Cell Cycle*, **2010**, 9, 1824-9	4.7	12
45	Selective cytotoxicity of synthesized procyanidin 3-O-galloylepicatechin-4b, 8-3-O-galloylcatechin to human cancer cells. *Cell Cycle*, **2008**, 7, 1648-57	4.7	12

44	15d-PGJ2 inhibits oxidized LDL-induced macrophage proliferation by inhibition of GM-CSF production via inactivation of NF-kappaB. *Biochemical and Biophysical Research Communications*, **2004**, 314, 817-23	3.4	12
43	piRNA-823 Is Involved in Cancer Stem Cell Regulation Through Altering DNA Methylation in Association With Luminal Breast Cancer. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 641052	5.7	12
42	Stromal glycolysis and MCT4 are hallmarks of DCIS progression to invasive breast cancer. *Cell Cycle*, **2013**, 12, 2935-6	4.7	11
41	DACH1 negatively regulates the human RANK ligand gene expression in stromal/preosteoblast cells. *Journal of Cellular Biochemistry*, **2008**, 103, 1747-59	4.7	11
40	Antisense to cyclin D1 inhibits VEGF-stimulated growth of vascular endothelial cells: implication of tumor vascularization. *Clinical Cancer Research*, **2006**, 12, 4459-62	12.9	11
39	Stabilization of SMAR1 mRNA by PGA2 involves a stem loop structure in the 5PUTR. *Nucleic Acids Research*, **2007**, 35, 6004-16	20.1	11
38	Cyclin D1 promotes secretion of pro-oncogenic immuno-miRNAs and piRNAs. *Clinical Science*, **2020**, 134, 791-805	6.5	11
37	Leronlimab, a humanized monoclonal antibody to CCR5, blocks breast cancer cellular metastasis and enhances cell death induced by DNA damaging chemotherapy. *Breast Cancer Research*, **2021**, 23, 11	8.3	11
36	The dialyzable leukocyte extract Transferon inhibits tumor growth and brain metastasis in a murine model of prostate cancer. *Biomedicine and Pharmacotherapy*, **2018**, 101, 938-944	7.5	10
35	Caveolin-1 regulates the anti-atherogenic properties of macrophages. *Cell and Tissue Research*, **2014**, 358, 821-31	4.2	10
34	Mechanisms for progenitor cell-mediated repair for ischemic heart injury. *Current Stem Cell Research and Therapy*, **2012**, 7, 2-14	3.6	10
33	Single-cell transcription site activation predicts chemotherapy response in human colorectal tumors. *Cancer Research*, **2008**, 68, 4977-82	10.1	10
32	Immunohistochemical examination of the INK4 and Cip inhibitors in the rat neonatal cerebellum: cellular localization and the impact of protein calorie malnutrition. *Brain Research*, **2000**, 855, 11-22	3.7	10
31	MicroRNA-mediated cancer metastasis regulation via heterotypic signals in the microenvironment. *Current Pharmaceutical Biotechnology*, **2014**, 15, 455-8	2.6	10
30	The G protein coupled receptor CCR5 in cancer. *Advances in Cancer Research*, **2020**, 145, 29-47	5.9	9
29	Regulation of host cell cyclin D1 by Trypanosoma cruzi in myoblasts. *Cell Cycle*, **2008**, 7, 500-3	4.7	9
28	The type 1 insulin-like growth factor receptor and resistance to DACH1. *Cell Cycle*, **2011**, 10, 1956-9	4.7	8
27	Transcriptome-wide association analysis identifies DACH1 as a kidney disease risk gene that contributes to fibrosis. *Journal of Clinical Investigation*, **2021**, 131,	15.9	8

26	Recent advances with cyclin-dependent kinase inhibitors: therapeutic agents for breast cancer and their role in immuno-oncology. *Expert Review of Anticancer Therapy*, **2019**, 19, 569-587	3.5	7
25	Dual fluorescent molecular substrates selectively report the activation, sustainability and reversibility of cellular PKB/Akt activity. *Scientific Reports*, **2013**, 3, 1697	4.9	7
24	Growth hormone excess and galactorrhoea without acromegalic features. Case reports. *BJOG: an International Journal of Obstetrics and Gynaecology*, **1991**, 98, 92-7	3.7	7
23	Endogenous Cyclin D1 Promotes the Rate of Onset and Magnitude of Mitogenic Signaling via Akt1 Ser473 Phosphorylation. *Cell Reports*, **2020**, 32, 108151	10.6	7
22	An ATF6-tPA pathway in hepatocytes contributes to systemic fibrinolysis and is repressed by DACH1. *Blood*, **2019**, 133, 743-753	2.2	7
21	Role of UHRF1 in malignancy and its function as a therapeutic target for molecular docking towards the SRA domain. *International Journal of Biochemistry and Cell Biology*, **2019**, 114, 105558	5.6	6
20	Endogenous Dach1 in cancer. *Oncoscience*, **2015**, 2, 803-4	0.8	6
19	Dachshund Depletion Disrupts Mammary Gland Development and Diverts the Composition of the Mammary Gland Progenitor Pool. *Stem Cell Reports*, **2019**, 12, 135-151	8	5
18	Mammary gland selective excision of c-jun identifies its role in mRNA splicing. *Cancer Research*, **2012**, 72, 1023-34	10.1	5
17	c-Jun is required for TGF-□-mediated cellular migration via nuclear Ca□+ signaling. *International Journal of Biochemistry and Cell Biology*, **2011**, 43, 1104-13	5.6	4
16	A study of cytotoxic synergy of UCN-01 and flavopiridol in syngeneic pair of cell lines. *Investigational New Drugs*, **2005**, 23, 299-309	4.3	4
15	The application of high density microarray for analysis of mitogenic signaling and cell-cycle in the adrenal. *Endocrine Research*, **2000**, 26, 807-23	1.9	4
14	Ral GTPases Contribute to Regulation of Cyclin D1 through Activation of NF-B. *Molecular and Cellular Biology*, **2000**, 20, 8084-8092	4.8	4
13	The membrane-associated form of cyclin D1 enhances cellular invasion. *Oncogenesis*, **2020**, 9, 83	6.6	4
12	Mechanisms Governing Metabolic Heterogeneity in Breast Cancer and Other Tumors. *Frontiers in Oncology*, **2021**, 11, 700629	5.3	4
11	Facilitates ErbB2-Mammary Adenocarcinoma in Mice. *Cancers*, **2021**, 13,	6.6	3
10	An Update on Glioblastoma Biology, Genetics, and Current Therapies: Novel Inhibitors of the G Protein-Coupled Receptor CCR5. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
9	Phosphodiesterase Type-5 Inhibitor Tadalafil Modulates Steroid Hormones Signaling in a Prostate Cancer Cell Line. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3

8	MAT1 correlates with molecular subtypes and predicts poor survival in breast cancer. *Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research*, **2018**, 30, 351-363	3.8	3
7	Time-Lapse Video Microscopy for Assessment of EYFP-Parkin Aggregation as a Marker for Cellular Mitophagy. *Journal of Visualized Experiments*, **2016**,	1.6	2
6	Role of Cancer Stem Cells in Metastasis **2014**, 259-271		1
5	Remembering team science is for the patients. *Cancer Biology and Therapy*, **2006**, 5, 449-52	4.6	1
4	Ras regulation of cyclin-dependent immunoprecipitation kinase assays. *Methods in Enzymology*, **2001**, 333, 127-38	1.7	1
3	Myelodysplastic Syndrome. *American Journal of Cancer*, **2002**, 1, 301-311		1
2	Screening of SirT1 activating compounds and their cytotoxicity in prostate cancer cell lines.. *Journal of Clinical Oncology*, **2012**, 30, e13545-e13545	2.2	
1	Assays for the Spectrum of Circulating Tumor Cells.. *Methods in Molecular Biology*, **2022**, 2429, 533-545	1.4	