

Michael N Pollak

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

477
papers

40,963
citations

94
h-index

188
g-index

497
ext. papers

45,039
ext. citations

7.3
avg, IF

7.63
L-index

#	Paper	IF	Citations
477	Plasma insulin-like growth factor-I and prostate cancer risk: a prospective study. <i>Science</i> , 1998 , 279, 563-633	33.3	1703
476	Circulating concentrations of insulin-like growth factor-I and risk of breast cancer. <i>Lancet, The</i> , 1998 , 351, 1393-6	40	1556
475	Insulin and insulin-like growth factor signalling in neoplasia. <i>Nature Reviews Cancer</i> , 2008 , 8, 915-28	31.3	1532
474	Insulin-like growth factors and neoplasia. <i>Nature Reviews Cancer</i> , 2004 , 4, 505-18	31.3	1286
473	Diabetes and cancer: a consensus report. <i>Diabetes Care</i> , 2010 , 33, 1674-85	14.6	1251
472	Prospective study of colorectal cancer risk in men and plasma levels of insulin-like growth factor (IGF)-I and IGF-binding protein-3. <i>Journal of the National Cancer Institute</i> , 1999 , 91, 620-5	9.7	916
471	Metformin is an AMP kinase-dependent growth inhibitor for breast cancer cells. <i>Cancer Research</i> , 2006 , 66, 10269-73	10.1	873
470	Anastrozole is superior to tamoxifen as first-line therapy for advanced breast cancer in postmenopausal women: results of a North American multicenter randomized trial. Arimidex Study Group. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3758-67	2.2	863
469	Metformin improves healthspan and lifespan in mice. <i>Nature Communications</i> , 2013 , 4, 2192	17.4	822
468	The insulin and insulin-like growth factor receptor family in neoplasia: an update. <i>Nature Reviews Cancer</i> , 2012 , 12, 159-69	31.3	791
467	Metformin inhibits mammalian target of rapamycin-dependent translation initiation in breast cancer cells. <i>Cancer Research</i> , 2007 , 67, 10804-12	10.1	747
466	Insulin-like growth factor-I receptor signaling and resistance to trastuzumab (Herceptin). <i>Journal of the National Cancer Institute</i> , 2001 , 93, 1852-7	9.7	725
465	Metformin: from mechanisms of action to therapies. <i>Cell Metabolism</i> , 2014 , 20, 953-66	24.6	715
464	Diabetes and cancer: a consensus report. <i>Ca-A Cancer Journal for Clinicians</i> , 2010 , 60, 207-21	220.7	593
463	mTORC1 controls mitochondrial activity and biogenesis through 4E-BP-dependent translational regulation. <i>Cell Metabolism</i> , 2013 , 18, 698-711	24.6	482
462	Effects of metformin and other biguanides on oxidative phosphorylation in mitochondria. <i>Biochemical Journal</i> , 2014 , 462, 475-87	3.8	407
461	Investigating metformin for cancer prevention and treatment: the end of the beginning. <i>Cancer Discovery</i> , 2012 , 2, 778-90	24.4	392

460	Elevation of circulating branched-chain amino acids is an early event in human pancreatic adenocarcinoma development. <i>Nature Medicine</i> , 2014 , 20, 1193-1198	50.5	383
459	eIF4E phosphorylation promotes tumorigenesis and is associated with prostate cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14134-9	11.5	370
458	The type 1 insulin-like growth factor receptor pathway. <i>Clinical Cancer Research</i> , 2008 , 14, 6364-70	12.9	342
457	Prediagnostic body-mass index, plasma C-peptide concentration, and prostate cancer-specific mortality in men with prostate cancer: a long-term survival analysis. <i>Lancet Oncology</i> , 2008 , 9, 1039-47	21.7	337
456	Insulin-like growth factor-I (IGF-I) and IGF binding protein-3 as predictors of advanced-stage prostate cancer. <i>Journal of the National Cancer Institute</i> , 2002 , 94, 1099-106	9.7	325
455	Phosphorylated insulin-like growth factor-i/insulin receptor is present in all breast cancer subtypes and is related to poor survival. <i>Cancer Research</i> , 2008 , 68, 10238-46	10.1	320
454	Metformin inhibits the senescence-associated secretory phenotype by interfering with IKK/NF- κ B activation. <i>Aging Cell</i> , 2013 , 12, 489-98	9.9	289
453	MDA-468, a human breast cancer cell line with a high number of epidermal growth factor (EGF) receptors, has an amplified EGF receptor gene and is growth inhibited by EGF. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 128, 898-905	3.4	280
452	The eEF2 kinase confers resistance to nutrient deprivation by blocking translation elongation. <i>Cell</i> , 2013 , 153, 1064-79	56.2	276
451	Metformin directly acts on mitochondria to alter cellular bioenergetics. <i>Cancer & Metabolism</i> , 2014 , 2, 12	5.4	268
450	A prospective study of plasma C-peptide and colorectal cancer risk in men. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 546-53	9.7	268
449	Obesity, diabetes, and risk of prostate cancer: results from the prostate cancer prevention trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 1977-83	4	266
448	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. <i>Cell Cycle</i> , 2015 , 14, 473-80	4.7	261
447	Metformin in patients with advanced pancreatic cancer: a double-blind, randomised, placebo-controlled phase 2 trial. <i>Lancet Oncology</i> , 2015 , 16, 839-47	21.7	251
446	Insulin-like growth factor physiology and cancer risk. <i>European Journal of Cancer</i> , 2000 , 36, 1224-8	7.5	248
445	Emerging role of insulin-like growth factor receptor inhibitors in oncology: early clinical trial results and future directions. <i>Oncogene</i> , 2009 , 28, 3009-21	9.2	233
444	The effects of adiponectin and metformin on prostate and colon neoplasia involve activation of AMP-activated protein kinase. <i>Cancer Prevention Research</i> , 2008 , 1, 369-75	3.2	233
443	Insulin-like growth factors, their binding proteins, and prostate cancer risk: analysis of individual patient data from 12 prospective studies. <i>Annals of Internal Medicine</i> , 2008 , 149, 461-71, W83-8	8	226

442	Akt phosphorylates the Y-box binding protein 1 at Ser102 located in the cold shock domain and affects the anchorage-independent growth of breast cancer cells. <i>Oncogene</i> , 2005 , 24, 4281-92	9.2	225
441	Metformin reduces endogenous reactive oxygen species and associated DNA damage. <i>Cancer Prevention Research</i> , 2012 , 5, 536-43	3.2	224
440	In vitro metformin anti-neoplastic activity in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2008 , 110, 246-50	4.9	223
439	The use of pioglitazone and the risk of bladder cancer in people with type 2 diabetes: nested case-control study. <i>BMJ, The</i> , 2012 , 344, e3645	5.9	202
438	A prospective evaluation of insulin and insulin-like growth factor-I as risk factors for endometrial cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 921-9	4	199
437	Genetic polymorphisms of the vitamin D binding protein and plasma concentrations of 25-hydroxyvitamin D in premenopausal women. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 634-40	7	190
436	A prospective study of C-peptide, insulin-like growth factor-I, insulin-like growth factor binding protein-1, and the risk of colorectal cancer in women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 850-5	4	187
435	Metformin and other biguanides in oncology: advancing the research agenda. <i>Cancer Prevention Research</i> , 2010 , 3, 1060-5	3.2	183
434	Insulin, the insulin-like growth factor axis, and mortality in patients with nonmetastatic colorectal cancer. <i>Journal of Clinical Oncology</i> , 2009 , 27, 176-85	2.2	183
433	Metformin blocks the stimulative effect of a high-energy diet on colon carcinoma growth in vivo and is associated with reduced expression of fatty acid synthase. <i>Endocrine-Related Cancer</i> , 2010 , 17, 351-60	5.7	178
432	Potential applications for circulating tumor cells expressing the insulin-like growth factor-I receptor. <i>Clinical Cancer Research</i> , 2007 , 13, 3611-6	12.9	171
431	Novel promoter polymorphism in insulin-like growth factor-binding protein-3: correlation with serum levels and interaction with known regulators. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1274-80	5.6	171
430	Molecular mechanisms underlying IGF-I-induced attenuation of the growth-inhibitory activity of trastuzumab (Herceptin) on SKBR3 breast cancer cells. <i>International Journal of Cancer</i> , 2004 , 108, 334-41	7.5	170
429	Randomized phase II study of two doses of gefitinib in hormone-refractory prostate cancer: a trial of the National Cancer Institute of Canada-Clinical Trials Group. <i>Journal of Clinical Oncology</i> , 2005 , 23, 455-60	2.2	170
428	Insulin receptor expression by human prostate cancers. <i>Prostate</i> , 2009 , 69, 33-40	4.2	165
427	Metformin and rapamycin have distinct effects on the AKT pathway and proliferation in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2010 , 123, 271-9	4.4	159
426	Estradiol and antiestrogens regulate a growth inhibitory insulin-like growth factor binding protein 3 autocrine loop in human breast cancer cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 1016-21	5.4	156
425	Metformin decreases glucose oxidation and increases the dependency of prostate cancer cells on reductive glutamine metabolism. <i>Cancer Research</i> , 2013 , 73, 4429-38	10.1	151

424	Metformin attenuates the stimulatory effect of a high-energy diet on in vivo LLC1 carcinoma growth. <i>Endocrine-Related Cancer</i> , 2008 , 15, 833-9	5.7	150
423	Distinct perturbation of the translome by the antidiabetic drug metformin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8977-82	11.5	149
422	Potential applications for biguanides in oncology. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3693-700	15.9	149
421	Diet and tumor LKB1 expression interact to determine sensitivity to anti-neoplastic effects of metformin in vivo. <i>Oncogene</i> , 2011 , 30, 1174-82	9.2	145
420	Association of diet-induced hyperinsulinemia with accelerated growth of prostate cancer (LNCaP) xenografts. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 1793-800	9.7	145
419	Influence of BRCA1 mutations on nuclear grade and estrogen receptor status of breast carcinoma in Ashkenazi Jewish women. <i>Cancer</i> , 1997 , 80, 435-41	6.4	144
418	Milk intake, circulating levels of insulin-like growth factor-I, and risk of colorectal cancer in men. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 1330-6	9.7	144
417	Phase I, pharmacokinetic and pharmacodynamic study of the anti-insulinlike growth factor type 1 Receptor monoclonal antibody CP-751,871 in patients with multiple myeloma. <i>Journal of Clinical Oncology</i> , 2008 , 26, 3196-203	2.2	139
416	Novel Promoter Polymorphism in Insulin-Like Growth Factor-Binding Protein-3: Correlation with Serum Levels and Interaction with Known Regulators. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1274-1280	5.6	137
415	High-level IGF1R expression is required for leukemia-initiating cell activity in T-ALL and is supported by Notch signaling. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1809-22	16.6	133
414	Circulating levels of insulin-like growth factors, their binding proteins, and breast cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 699-704	4	132
413	Effects of lycopene supplementation in patients with localized prostate cancer. <i>Experimental Biology and Medicine</i> , 2002 , 227, 881-5	3.7	132
412	Mammary-specific deletion of parathyroid hormone-related protein preserves bone mass during lactation. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1429-1436	15.9	132
411	Insulin-like growth factor binding protein-3 induces apoptosis in MCF7 breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 237, 690-3	3.4	130
410	nanoCAGE reveals 5' UTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. <i>Genome Research</i> , 2016 , 26, 636-48	9.7	129
409	Soy isoflavones in the treatment of prostate cancer. <i>Nutrition and Cancer</i> , 2003 , 47, 111-7	2.8	127
408	Cancer, obesity, diabetes, and antidiabetic drugs: is the fog clearing?. <i>Nature Reviews Clinical Oncology</i> , 2017 , 14, 85-99	19.4	125
407	Systemic cancer therapy: achievements and challenges that lie ahead. <i>Frontiers in Pharmacology</i> , 2013 , 4, 57	5.6	125

406	Insulin-like growth factor-I, IGF-binding protein-3, and mammographic breast density. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 1065-73	4	125
405	Systemic Correlates of White Adipose Tissue Inflammation in Early-Stage Breast Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 2283-9	12.9	124
404	A study of high-dose oral silybin-phytosome followed by prostatectomy in patients with localized prostate cancer. <i>Prostate</i> , 2010 , 70, 848-55	4.2	122
403	Mechanisms of antineoplastic action of somatostatin analogs. <i>Experimental Biology and Medicine</i> , 1998 , 217, 143-52	3.7	122
402	Dietary correlates of plasma insulin-like growth factor I and insulin-like growth factor binding protein 3 concentrations. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2002 , 11, 852-61	4	120
401	Insulin-like growth factors and prostate cancer. <i>Cancer and Metastasis Reviews</i> , 1998 , 17, 383-90	9.6	117
400	Presence of somatomedin receptors on primary human breast and colon carcinomas. <i>Cancer Letters</i> , 1987 , 38, 223-30	9.9	115
399	Insulin-like growth factor-I, its binding proteins (IGFBP-1 and IGFBP-3), and growth hormone and breast cancer risk in The Nurses Health Study II. <i>Endocrine-Related Cancer</i> , 2006 , 13, 583-92	5.7	114
398	Diabetes mellitus and cancer risk in a population-based case-control study among men from Montreal, Canada. <i>International Journal of Cancer</i> , 2006 , 118, 2105-9	7.5	113
397	Circulating IGF-I: New Perspectives for a New Century. <i>Trends in Endocrinology and Metabolism</i> , 1999 , 10, 136-141	8.8	112
396	Reproducibility of plasma steroid hormones, prolactin, and insulin-like growth factor levels among premenopausal women over a 2- to 3-year period. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 972-8	4	111
395	A framework for selection of blood-based biomarkers for geroscience-guided clinical trials: report from the TAME Biomarkers Workgroup. <i>GeroScience</i> , 2018 , 40, 419-436	8.9	111
394	Metformin and the incidence of prostate cancer in patients with type 2 diabetes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 337-44	4	110
393	Randomized phase II trial of Custirsen (OGX-011) in combination with docetaxel or mitoxantrone as second-line therapy in patients with metastatic castrate-resistant prostate cancer progressing after first-line docetaxel: CUOG trial P-06c. <i>Clinical Cancer Research</i> , 2011 , 17, 5765-73	12.9	110
392	Nutritional predictors of insulin-like growth factor I and their relationships to cancer in men. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2003 , 12, 84-9	4	109
391	Hyperglycemia, insulin resistance, impaired pancreatic β cell function, and risk of pancreatic cancer. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 1027-35	9.7	108
390	Reduced mammary gland carcinogenesis in transgenic mice expressing a growth hormone antagonist. <i>British Journal of Cancer</i> , 2001 , 85, 428-30	8.7	106
389	mTOR as a central regulator of lifespan and aging. <i>F1000Research</i> , 2019 , 8,	3.6	106

388	Castration-induced apoptosis in the rat ventral prostate is associated with increased expression of genes encoding insulin-like growth factor binding proteins 2,3,4 and 5. <i>Endocrinology</i> , 1998 , 139, 807-10	4.8	104
387	Are Metformin Doses Used in Murine Cancer Models Clinically Relevant?. <i>Cell Metabolism</i> , 2016 , 23, 569-70	10.6	103
386	Insulin-like growth factor axis and risk of type 2 diabetes in women. <i>Diabetes</i> , 2012 , 61, 2248-54	0.9	98
385	Induction of apoptosis by metformin in epithelial ovarian cancer: involvement of the Bcl-2 family proteins. <i>Gynecologic Oncology</i> , 2011 , 121, 492-8	4.9	97
384	IGFBP7 binds to the IGF-1 receptor and blocks its activation by insulin-like growth factors. <i>Science Signaling</i> , 2012 , 5, ra92	8.8	95
383	Association of total insulin-like growth factor-I, insulin-like growth factor binding protein-1 (IGFBP-1), and IGFBP-3 levels with incident coronary events and ischemic stroke. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1319-25	5.6	94
382	Inhibition of insulin-like growth factor-1 receptor signaling enhances growth-inhibitory and proapoptotic effects of gefitinib (Iressa) in human breast cancer cells. <i>Breast Cancer Research</i> , 2005 , 7, R570-9	8.3	94
381	Genetic factors related to racial variation in plasma levels of insulin-like growth factor-1: implications for premenopausal breast cancer risk. <i>Molecular Genetics and Metabolism</i> , 2001 , 72, 144-54	3.7	94
380	IGF-1, IGFBP-1, and IGFBP-3 polymorphisms predict circulating IGF levels but not breast cancer risk: findings from the Breast and Prostate Cancer Cohort Consortium (BPC3). <i>PLoS ONE</i> , 2008 , 3, e2578	3.7	93
379	Insulin-like growth factor receptor (IGF-1R) in breast cancer subtypes. <i>Breast Cancer Research and Treatment</i> , 2012 , 132, 131-42	4.4	91
378	Insulin receptor isoform A and insulin-like growth factor II as additional treatment targets in human osteosarcoma. <i>Cancer Research</i> , 2009 , 69, 2443-52	10.1	91
377	Endocrine effects of IGF-I on normal and transformed breast epithelial cells: potential relevance to strategies for breast cancer treatment and prevention. <i>Breast Cancer Research and Treatment</i> , 1998 , 47, 209-17	4.4	91
376	Redefining prognostic factors for breast cancer: YB-1 is a stronger predictor of relapse and disease-specific survival than estrogen receptor or HER-2 across all tumor subtypes. <i>Breast Cancer Research</i> , 2008 , 10, R86	8.3	90
375	Tamoxifen reduces serum insulin-like growth factor I (IGF-I). <i>Breast Cancer Research and Treatment</i> , 1992 , 22, 91-100	4.4	90
374	Insulinlike growth factor I: a potent mitogen for human osteogenic sarcoma. <i>Journal of the National Cancer Institute</i> , 1990 , 82, 301-5	9.7	88
373	Metabolic Obesity, Adipose Inflammation and Elevated Breast Aromatase in Women with Normal Body Mass Index. <i>Cancer Prevention Research</i> , 2017 , 10, 235-243	3.2	85
372	A Meta-analysis of Individual Participant Data Reveals an Association between Circulating Levels of IGF-I and Prostate Cancer Risk. <i>Cancer Research</i> , 2016 , 76, 2288-2300	10.1	85
371	Long-term effects of insulin glargine on the risk of breast cancer. <i>Diabetologia</i> , 2011 , 54, 2254-62	10.3	85

370	Targeting insulin and insulin-like growth factor signalling in oncology. <i>Current Opinion in Pharmacology</i> , 2008 , 8, 384-92	5.1	85
369	Racial differences in premenopausal endogenous hormones. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 2147-53	4	85
368	The insulin receptor/insulin-like growth factor receptor family as a therapeutic target in oncology. <i>Clinical Cancer Research</i> , 2012 , 18, 40-50	12.9	84
367	Exercise modulation of the host-tumor interaction in an orthotopic model of murine prostate cancer. <i>Journal of Applied Physiology</i> , 2012 , 113, 263-72	3.7	83
366	Antiproliferative action of vitamin D-related compounds and insulin-like growth factor-binding protein 5 accumulation. <i>Journal of the National Cancer Institute</i> , 1997 , 89, 652-6	9.7	83
365	Expression of insulin-like growth factor receptor, IGF-1, and IGF-2 in primary and metastatic osteosarcoma. <i>Journal of Surgical Oncology</i> , 1998 , 69, 21-7	2.8	83
364	Milk consumption and the prepubertal somatotrophic axis. <i>Nutrition Journal</i> , 2007 , 6, 28	4.3	83
363	Serine deprivation enhances antineoplastic activity of biguanides. <i>Cancer Research</i> , 2014 , 74, 7521-33	10.1	82
362	Anti-diabetic doses of metformin decrease proliferation markers in tumors of patients with endometrial cancer. <i>Gynecologic Oncology</i> , 2014 , 134, 607-14	4.9	80
361	Insulin increases de novo steroidogenesis in prostate cancer cells. <i>Cancer Research</i> , 2011 , 71, 5754-64	10.1	80
360	Insulin-like growth factor-binding protein-3 inhibition of prostate cancer growth involves suppression of angiogenesis. <i>Oncogene</i> , 2007 , 26, 1811-9	9.2	80
359	A sequence repeat in the insulin-like growth factor-1 gene and risk of breast cancer. <i>International Journal of Cancer</i> , 2002 , 100, 332-6	7.5	80
358	The effects of varying dietary carbohydrate and fat content on survival in a murine LNCaP prostate cancer xenograft model. <i>Cancer Prevention Research</i> , 2009 , 2, 557-65	3.2	79
357	A prospective study of plasma adiponectin and pancreatic cancer risk in five US cohorts. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 95-103	9.7	78
356	Celecoxib analogues disrupt Akt signaling, which is commonly activated in primary breast tumours. <i>Breast Cancer Research</i> , 2005 , 7, R796-807	8.3	78
355	Vitamin D and calcium intakes from food or supplements and mammographic breast density. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 1653-9	4	78
354	Serum insulin-like growth factor I: tumor marker or etiologic factor? A prospective study of prostate cancer among Finnish men. <i>Cancer Research</i> , 2003 , 63, 3991-4	10.1	78
353	Overcoming Drug Development Bottlenecks With Repurposing: Repurposing biguanides to target energy metabolism for cancer treatment. <i>Nature Medicine</i> , 2014 , 20, 591-3	50.5	77

352	Prediagnostic plasma C-peptide and pancreatic cancer risk in men and women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 2101-9	4	77
351	Serum concentrations of IGF-I, IGFBP-3 and c-peptide and risk of hyperplasia and cancer of the breast in postmenopausal women. <i>International Journal of Cancer</i> , 2004 , 108, 773-9	7.5	77
350	Metformin in chemotherapy-naive castration-resistant prostate cancer: a multicenter phase 2 trial (SAKK 08/09). <i>European Urology</i> , 2014 , 66, 468-74	10.2	76
349	Pre-treatment levels of circulating free IGF-1 identify NSCLC patients who derive clinical benefit from figitumumab. <i>British Journal of Cancer</i> , 2011 , 104, 68-74	8.7	73
348	Primary node negative breast cancer in BRCA1 mutation carriers has a poor outcome. <i>Annals of Oncology</i> , 2000 , 11, 307-13	10.3	73
347	Insulin-like growth factors and prostate cancer. <i>Epidemiologic Reviews</i> , 2001 , 23, 59-66	4.1	73
346	Association of markers of insulin and glucose control with subsequent colorectal cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2003 , 12, 412-8	4	73
345	Metformin regulates metabolic and nonmetabolic pathways in skeletal muscle and subcutaneous adipose tissues of older adults. <i>Aging Cell</i> , 2018 , 17, e12723	9.9	72
344	Insulin, insulin-like growth factors and neoplasia. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2008 , 22, 625-38	6.5	72
343	Vitamin D status in patients with stage IV colorectal cancer: findings from Intergroup trial N9741. <i>Journal of Clinical Oncology</i> , 2011 , 29, 1599-606	2.2	71
342	Polymorphic variation at the -202 locus in IGFBP3: Influence on serum levels of insulin-like growth factors, interaction with plasma retinol and vitamin D and breast cancer risk. <i>International Journal of Cancer</i> , 2003 , 107, 60-4	7.5	71
341	Amplified, overexpressed and rearranged epidermal growth factor receptor gene in a human astrocytoma cell line. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 131, 207-15	3.4	71
340	Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits. <i>Aging Cell</i> , 2016 , 15, 811-24	9.9	71
339	Randomized trial of tamoxifen versus combined tamoxifen and octreotide LAR Therapy in the adjuvant treatment of early-stage breast cancer in postmenopausal women: NCIC CTG MA.14. <i>Journal of Clinical Oncology</i> , 2011 , 29, 3869-76	2.2	70
338	C-reactive protein concentrations and subsequent ovarian cancer risk. <i>Obstetrics and Gynecology</i> , 2007 , 109, 933-41	4.9	70
337	Pharmacodynamic and antineoplastic activity of BI 836845, a fully human IGF ligand-neutralizing antibody, and mechanistic rationale for combination with rapamycin. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 399-409	6.1	69
336	Relevance of the OCT1 transporter to the antineoplastic effect of biguanides. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 414, 694-9	3.4	69
335	Modification of the association between obesity and lethal prostate cancer by TMPRSS2:ERG. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 1881-90	9.7	68

334	The use of metformin and the incidence of lung cancer in patients with type 2 diabetes. <i>Diabetes Care</i> , 2013 , 36, 124-9	14.6	66
333	Characterization of insulin-like growth factor I (IGF-I) receptors of human breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 154, 326-31	3.4	66
332	Insulin-like growth factor binding protein-2 is a novel therapeutic target associated with breast cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 6944-54	12.9	65
331	Whole milk intake is associated with prostate cancer-specific mortality among U.S. male physicians. <i>Journal of Nutrition</i> , 2013 , 143, 189-96	4.1	64
330	C-peptide, insulin-like growth factor binding protein-1, glycosylated hemoglobin, and the risk of distal colorectal adenoma in women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 750-5	4	64
329	Overcoming trastuzumab resistance in HER2-overexpressing breast cancer cells by using a novel celecoxib-derived phosphoinositide-dependent kinase-1 inhibitor. <i>Molecular Pharmacology</i> , 2006 , 70, 1534-41	4.3	64
328	Dietary feeding of silibinin inhibits prostate tumor growth and progression in transgenic adenocarcinoma of the mouse prostate model. <i>Cancer Research</i> , 2007 , 67, 11083-91	10.1	64
327	Co-targeting HER2/ErbB2 and insulin-like growth factor-1 receptors causes synergistic inhibition of growth in HER2-overexpressing breast cancer cells. <i>Medical Science Monitor</i> , 2002 , 8, BR521-6	3.2	64
326	Metformin and Rapamycin Reduce Pancreatic Cancer Growth in Obese Prediabetic Mice by Distinct MicroRNA-Regulated Mechanisms. <i>Diabetes</i> , 2015 , 64, 1632-42	0.9	63
325	Silibinin suppresses in vivo growth of human prostate carcinoma PC-3 tumor xenograft. <i>Carcinogenesis</i> , 2007 , 28, 2567-74	4.6	62
324	Circulating insulin and c-peptide levels and risk of breast cancer among predominately premenopausal women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 161-4	4	62
323	Prediagnostic adiponectin concentrations and pancreatic cancer risk in male smokers. <i>American Journal of Epidemiology</i> , 2008 , 168, 1047-55	3.8	61
322	Plasma insulin-like growth factor-1 and binding protein-3 and subsequent risk of prostate cancer in the PSA era. <i>Cancer Causes and Control</i> , 2005 , 16, 255-62	2.8	61
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