Michael N Pollak

List of Publications by Year
in descending order

		1883	2071
489 papers	48,954 citations	102 h-index	204 g-index
498 all docs	498 docs citations	498 times ranked	45906 citing authors

#	Article	IF	Citations
1	Plasma Insulin-Like Growth Factor-I and Prostate Cancer Risk: A Prospective Study. Science, 1998, 279, 563-566.	6.0	1,872
2	Insulin and insulin-like growth factor signalling in neoplasia. Nature Reviews Cancer, 2008, 8, 915-928.	12.8	1,792
3	Circulating concentrations of insulin-like growth factor I and risk of breast cancer. Lancet, The, 1998, 351, 1393-1396.	6.3	1,706
4	Diabetes and Cancer. Diabetes Care, 2010, 33, 1674-1685.	4.3	1,618
5	Insulin-like growth factors and neoplasia. Nature Reviews Cancer, 2004, 4, 505-518.	12.8	1,422
6	Metformin improves healthspan and lifespan in mice. Nature Communications, 2013, 4, 2192.	5.8	1,118
7	Prospective Study of Colorectal Cancer Risk in Men and Plasma Levels of Insulin-Like Growth Factor (IGF)-I and IGF-Binding Protein-3. Journal of the National Cancer Institute, 1999, 91, 620-625.	3.0	1,022
8	Metformin: From Mechanisms of Action to Therapies. Cell Metabolism, 2014, 20, 953-966.	7.2	1,019
9	Anastrozole Is Superior to Tamoxifen as First-Line Therapy for Advanced Breast Cancer in Postmenopausal Women: Results of a North American Multicenter Randomized Trial. Journal of Clinical Oncology, 2000, 18, 3758-3767.	0.8	973
10	Metformin Is an AMP Kinaseâ€"Dependent Growth Inhibitor for Breast Cancer Cells. Cancer Research, 2006, 66, 10269-10273.	0.4	972
11	The insulin and insulin-like growth factor receptor family in neoplasia: an update. Nature Reviews Cancer, 2012, 12, 159-169.	12.8	929
12	Metformin Inhibits Mammalian Target of Rapamycinâ€"Dependent Translation Initiation in Breast Cancer Cells. Cancer Research, 2007, 67, 10804-10812.	0.4	845
13	Insulin-Like Growth Factor-I Receptor Signaling and Resistance to Trastuzumab (Herceptin). Journal of the National Cancer Institute, 2001, 93, 1852-1857.	3.0	815
14	Diabetes and Cancer: A Consensus Report. Ca-A Cancer Journal for Clinicians, 2010, 60, 207-221.	157.7	724
15	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. Cell Metabolism, 2013, 18, 698-711.	7.2	647
16	Elevation of circulating branched-chain amino acids is an early event in human pancreatic adenocarcinoma development. Nature Medicine, 2014, 20, 1193-1198.	15.2	510
17	Effects of metformin and other biguanides on oxidative phosphorylation in mitochondria. Biochemical Journal, 2014, 462, 475-487.	1.7	502
18	eIF4E phosphorylation promotes tumorigenesis and is associated with prostate cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14134-14139.	3.3	447

#	Article	IF	Citations
19	Investigating Metformin for Cancer Prevention and Treatment: The End of the Beginning. Cancer Discovery, 2012, 2, 778-790.	7.7	443
20	Metformin inhibits the senescenceâ€associated secretory phenotype by interfering with <scp>IKK</scp>/<scp>NF</scp>â€²<scp>B</scp> activation. Aging Cell, 2013, 12, 489-498.	3.0	422
21	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. Cell Cycle, 2015, 14, 473-480.	1.3	397
22	The Type 1 Insulin-Like Growth Factor Receptor Pathway. Clinical Cancer Research, 2008, 14, 6364-6370.	3.2	387
23	Prediagnostic body-mass index, plasma C-peptide concentration, and prostate cancer-specific mortality in men with prostate cancer: a long-term survival analysis. Lancet Oncology, The, 2008, 9, 1039-1047.	5.1	385
24	Insulin-Like Growth Factor-I (IGF-I) and IGF Binding Protein-3 as Predictors of Advanced-Stage Prostate Cancer. Journal of the National Cancer Institute, 2002, 94, 1099-1106.	3.0	377
25	Phosphorylated Insulin-Like Growth Factor-I/Insulin Receptor Is Present in All Breast Cancer Subtypes and Is Related to Poor Survival. Cancer Research, 2008, 68, 10238-10246.	0.4	364
26	The eEF2 Kinase Confers Resistance to Nutrient Deprivation by Blocking Translation Elongation. Cell, 2013, 153, 1064-1079.	13.5	348
27	Metformin directly acts on mitochondria to alter cellular bioenergetics. Cancer & Metabolism, 2014, 2, 12.	2.4	330
28	Metformin in patients with advanced pancreatic cancer: a double-blind, randomised, placebo-controlled phase 2 trial. Lancet Oncology, The, 2015, 16, 839-847.	5.1	321
29	A Prospective Study of Plasma C-Peptide and Colorectal Cancer Risk in Men. Journal of the National Cancer Institute, 2004, 96, 546-553.	3.0	311
30	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. Biochemical and Biophysical Research Communications, 1985, 128, 898-905.	1.0	300
31	Obesity, Diabetes, and Risk of Prostate Cancer: Results from the Prostate Cancer Prevention Trial. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 1977-1983.	1.1	300
32	Metformin Reduces Endogenous Reactive Oxygen Species and Associated DNA Damage. Cancer Prevention Research, 2012, 5, 536-543.	0.7	284
33	Insulin-like growth factor physiology and cancer risk. European Journal of Cancer, 2000, 36, 1224-1228.	1.3	267
34	The Effects of Adiponectin and Metformin on Prostate and Colon Neoplasia Involve Activation of AMP-Activated Protein Kinase. Cancer Prevention Research, 2008, 1, 369-375.	0.7	266
35	Emerging role of insulin-like growth factor receptor inhibitors in oncology: early clinical trial results and future directions. Oncogene, 2009, 28, 3009-3021.	2.6	265
36	Insulin-like Growth Factors, Their Binding Proteins, and Prostate Cancer Risk: Analysis of Individual Patient Data from 12 Prospective Studies. Annals of Internal Medicine, 2008, 149, 461.	2.0	263

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37	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. Oncogene, 2005, 24, 4281-4292.	2.6	251
38	In vitro metformin anti-neoplastic activity in epithelial ovarian cancer. Gynecologic Oncology, 2008, 110, 246-250.	0.6	249
39	mTOR as a central regulator of lifespan and aging. F1000Research, 2019, 8, 998.	0.8	244
40	The use of pioglitazone and the risk of bladder cancer in people with type 2 diabetes: nested case-control study. BMJ, The, 2012, 344, e3645-e3645.	3.0	237
41	A Prospective Evaluation of Insulin and Insulin-like Growth Factor-I as Risk Factors for Endometrial Cancer. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 921-929.	1.1	224
42	A framework for selection of blood-based biomarkers for geroscience-guided clinical trials: report from the TAME Biomarkers Workgroup. GeroScience, 2018, 40, 419-436.	2.1	221
43	Genetic polymorphisms of the vitamin D binding protein and plasma concentrations of 25-hydroxyvitamin D in premenopausal women. American Journal of Clinical Nutrition, 2009, 89, 634-640.	2.2	214
44	Insulin, the Insulin-Like Growth Factor Axis, and Mortality in Patients With Nonmetastatic Colorectal Cancer. Journal of Clinical Oncology, 2009, 27, 176-185.	0.8	208
45	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. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 850-855.	1.1	206
46	Metformin and Other Biguanides in Oncology: Advancing the Research Agenda. Cancer Prevention Research, 2010, 3, 1060-1065.	0.7	205
47	Insulin receptor expression by human prostate cancers. Prostate, 2009, 69, 33-40.	1.2	203
48	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. Endocrine-Related Cancer, 2010, 17, 351-360.	1.6	203
49	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. Journal of Clinical Oncology, 2005, 23, 455-460.	0.8	195
50	Molecular mechanisms underlying IGF-I-induced attenuation of the growth-inhibitory activity of trastuzumab (Herceptin) on SKBR3 breast cancer cells. International Journal of Cancer, 2004, 108, 334-341.	2.3	193
51	Estradiol and Antiestrogens Regulate a Growth Inhibitory Insulin-like Growth Factor Binding Protein 3 Autocrine Loop in Human Breast Cancer Cells. Journal of Biological Chemistry, 1996, 271, 1016-1021.	1.6	190
52	A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. Nature Medicine, 2021, 27, 659-667.	15.2	188
53	Potential Applications for Circulating Tumor Cells Expressing the Insulin-Like Growth Factor-I Receptor. Clinical Cancer Research, 2007, 13, 3611-3616.	3.2	185
54	Metformin and rapamycin have distinct effects on the AKT pathway and proliferation in breast cancer cells. Breast Cancer Research and Treatment, 2010, 123, 271-279.	1.1	179

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55	Novel Promoter Polymorphism in Insulin-Like Growth Factor-Binding Protein-3: Correlation with Serum Levels and Interaction with Known Regulators1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1274-1280.	1.8	178
56	Metformin Decreases Glucose Oxidation and Increases the Dependency of Prostate Cancer Cells on Reductive Glutamine Metabolism. Cancer Research, 2013, 73, 4429-4438.	0.4	178
57	nanoCAGE reveals 5â€² UTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. Genome Research, 2016, 26, 636-648.	2.4	177
58	Distinct perturbation of the translatome by the antidiabetic drug metformin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8977-8982.	3.3	169
59	Milk Intake, Circulating Levels of Insulin-Like Growth Factor-I, and Risk of Colorectal Cancer in Men. Journal of the National Cancer Institute, 2001, 93, 1330-1336.	3.0	168
60	Metformin attenuates the stimulatory effect of a high-energy diet on in vivo LLC1 carcinoma growth. Endocrine-Related Cancer, 2008, 15, 833-839.	1.6	165
61	Systemic cancer therapy: achievements and challenges that lie ahead. Frontiers in Pharmacology, 2013, 4, 57.	1.6	165
62	Circulating Levels of Insulin-like Growth Factors, their Binding Proteins, and Breast Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 699-704.	1.1	164
63	Cancer, obesity, diabetes, and antidiabetic drugs: is the fog clearing?. Nature Reviews Clinical Oncology, 2017, 14, 85-99.	12.5	163
64	Influence of BRCA1 mutations on nuclear grade and estrogen receptor status of breast carcinoma in Ashkenazi Jewish women. Cancer, 1997, 80, 435-441.	2.0	162
65	Effects of Lycopene Supplementation in Patients with Localized Prostate Cancer. Experimental Biology and Medicine, 2002, 227, 881-885.	1.1	162
66	Potential applications for biguanides in oncology. Journal of Clinical Investigation, 2013, 123, 3693-3700.	3.9	162
67	Diet and tumor LKB1 expression interact to determine sensitivity to anti-neoplastic effects of metformin in vivo. Oncogene, 2011, 30, 1174-1182.	2.6	161
68	Association of Diet-Induced Hyperinsulinemia With Accelerated Growth of Prostate Cancer (LNCaP) Xenografts. Journal of the National Cancer Institute, 2007, 99, 1793-1800.	3.0	160
69	Mammary-specific deletion of parathyroid hormoneâ€"related protein preserves bone mass during lactation. Journal of Clinical Investigation, 2003, 112, 1429-1436.	3.9	156
70	Systemic Correlates of White Adipose Tissue Inflammation in Early-Stage Breast Cancer. Clinical Cancer Research, 2016, 22, 2283-2289.	3.2	154
71	Novel Promoter Polymorphism in Insulin-Like Growth Factor-Binding Protein-3: Correlation with Serum Levels and Interaction with Known Regulators. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1274-1280.	1.8	154
72	High-level IGF1R expression is required for leukemia-initiating cell activity in T-ALL and is supported by Notch signaling. Journal of Experimental Medicine, 2011, 208, 1809-1822.	4.2	153

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73	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. Journal of Clinical Oncology, 2008, 26, 3196-3203.	0.8	152
74	Soy Isoflavones in the Treatment of Prostate Cancer. Nutrition and Cancer, 2003, 47, 111-117.	0.9	150
75	Hyperglycemia, Insulin Resistance, Impaired Pancreatic β-Cell Function, and Risk of Pancreatic Cancer. Journal of the National Cancer Institute, 2013, 105, 1027-1035.	3.0	146
76	Insulin-like Growth Factor Binding Protein-3 Induces Apoptosis in MCF7 Breast Cancer Cells. Biochemical and Biophysical Research Communications, 1997, 237, 690-693.	1.0	145
77	Insulin-like growth factors and prostate cancer. Cancer and Metastasis Reviews, 1998, 17, 383-390.	2.7	142
78	A study of high–dose oral silybin–phytosome followed by prostatectomy in patients with localized prostate cancer. Prostate, 2010, 70, 848-855.	1.2	141
79	Are Metformin Doses Used in Murine Cancer Models Clinically Relevant?. Cell Metabolism, 2016, 23, 569-570.	7.2	140
80	Mechanisms of Antineoplastic Action of Somatostatin Analogs. Experimental Biology and Medicine, 1998, 217, 143-152.	1.1	134
81	Insulin-Like Growth Factor-I, IGF-Binding Protein-3, and Mammographic Breast Density. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1065-1073.	1.1	134
82	Presence of somatomedin receptors on primary human breast and colon carcinomas. Cancer Letters, 1987, 38, 223-230.	3.2	131
83	Circulating IGF-I: New Perspectives for a New Century. Trends in Endocrinology and Metabolism, 1999, 10, 136-141.	3.1	128
84	Diabetes mellitus and cancer risk in a population-based case-controlstudy among men from Montreal, Canada. International Journal of Cancer, 2006, 118, 2105-2109.	2.3	126
85	Dietary correlates of plasma insulin-like growth factor I and insulin-like growth factor binding protein 3 concentrations. Cancer Epidemiology Biomarkers and Prevention, 2002, 11, 852-61.	1.1	126
86	IGFBP7 Binds to the IGF-1 Receptor and Blocks Its Activation by Insulin-Like Growth Factors. Science Signaling, 2012, 5, ra92.	1.6	123
87	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. Endocrine-Related Cancer, 2006, 13, 583-592.	1.6	120
88	Metformin and the Incidence of Prostate Cancer in Patients with Type 2 Diabetes. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 337-344.	1.1	120
89	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. Clinical Cancer Research, 2011, 17, 5765-5773.	3.2	120
90	Reproducibility of Plasma Steroid Hormones, Prolactin, and Insulin-like Growth Factor Levels among Premenopausal Women over a 2- to 3-Year Period. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 972-978.	1.1	118

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91	Insulin-like growth factor receptor (IGF-1R) in breast cancer subtypes. Breast Cancer Research and Treatment, 2012, 132, 131-142.	1.1	117
92	A Meta-analysis of Individual Participant Data Reveals an Association between Circulating Levels of IGF-I and Prostate Cancer Risk. Cancer Research, 2016, 76, 2288-2300.	0.4	117
93	Insulin-Like Growth Factor Axis and Risk of Type 2 Diabetes in Women. Diabetes, 2012, 61, 2248-2254.	0.3	116
94	Reduced mammary gland carcinogenesis in transgenic mice expressing a growth hormone antagonist. British Journal of Cancer, 2001, 85, 428-430.	2.9	114
95	Metabolic Obesity, Adipose Inflammation and Elevated Breast Aromatase in Women with Normal Body Mass Index. Cancer Prevention Research, 2017, 10, 235-243.	0.7	114
96	Induction of apoptosis by metformin in epithelial ovarian cancer: Involvement of the Bcl-2 family proteins. Gynecologic Oncology, 2011, 121, 492-498.	0.6	113
97	Serine Deprivation Enhances Antineoplastic Activity of Biguanides. Cancer Research, 2014, 74, 7521-7533.	0.4	113
98	Metformin regulates metabolic and nonmetabolic pathways in skeletal muscle and subcutaneous adipose tissues of older adults. Aging Cell, 2018, 17, e12723.	3.0	113
99	Inhibition of insulin-like growth factor-1 receptor signaling enhances growth-inhibitory and proapoptotic effects of gefitinib (Iressa) in human breast cancer cells. Breast Cancer Research, 2005, 7, R570-9.	2.2	112
100	Nutritional predictors of insulin-like growth factor I and their relationships to cancer in men. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 84-9.	1.1	112
101	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. Endocrinology, 1998, 139, 807-810.	1.4	110
102	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. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1319-1325.	1.8	110
103	Assessment of the prognostic and predictive utility of the Breast Cancer Index (BCI): an NCIC CTG MA.14 study. Breast Cancer Research, 2016, 18, 1.	2.2	110
104	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. Breast Cancer Research, 2008, 10, R86.	2.2	107
105	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). PLoS ONE, 2008, 3, e2578.	1.1	106
106	Milk consumption and the prepubertal somatotropic axis. Nutrition Journal, 2007, 6, 28.	1.5	103
107	Genetic Factors Related to Racial Variation in Plasma Levels of Insulin-Like Growth Factor-1: Implications for Premenopausal Breast Cancer Risk. Molecular Genetics and Metabolism, 2001, 72, 144-154.	0.5	101
108	A Prospective Study of Plasma Adiponectin and Pancreatic Cancer Risk in Five US Cohorts. Journal of the National Cancer Institute, 2013, 105, 95-103.	3.0	101

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109	Tamoxifen reduces serum insulin-like growth factor I (IGF-I). Breast Cancer Research and Treatment, 1992, 22, 91-100.	1.1	100
110	Endocrine effects of IGF-I on normal and transformed breast epithelial cells: potential relevance to strategies for breast cancer treatment and prevention. Breast Cancer Research and Treatment, 1998, 47, 209-217.	1.1	100
111	Racial Differences in Premenopausal Endogenous Hormones. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2147-2153.	1.1	100
112	Metformin in Chemotherapy-naive Castration-resistant Prostate Cancer: A Multicenter Phase 2 Trial (SAKK 08/09). European Urology, 2014, 66, 468-474.	0.9	100
113	High-Fat Diet Accelerates Carcinogenesis in a Mouse Model of Barrettâ€™s Esophagus via Interleukin 8 and Alterations to the Gut Microbiome. Gastroenterology, 2019, 157, 492-506.e2.	0.6	100
114	The Effects of Varying Dietary Carbohydrate and Fat Content on Survival in a Murine LNCaP Prostate Cancer Xenograft Model. Cancer Prevention Research, 2009, 2, 557-565.	0.7	98
115	Exercise modulation of the host-tumor interaction in an orthotopic model of murine prostate cancer. Journal of Applied Physiology, 2012, 113, 263-272.	1.2	98
116	Insulin Increases *De Novo* Steroidogenesis in Prostate Cancer Cells. Cancer Research, 2011, 71, 5754-5764.	0.4	97
117	Anti-diabetic doses of metformin decrease proliferation markers in tumors of patients with endometrial cancer. Gynecologic Oncology, 2014, 134, 607-614.	0.6	97
118	Insulin Receptor Isoform A and Insulin-like Growth Factor II as Additional Treatment Targets in Human Osteosarcoma. Cancer Research, 2009, 69, 2443-2452.	0.4	96
119	Overcoming Drug Development Bottlenecks With Repurposing: Repurposing biguanides to target energy metabolism for cancer treatment. Nature Medicine, 2014, 20, 591-593.	15.2	95
120	Insulinlike Growth Factor I: A Potent Mitogen for Human Osteogenic Sarcoma. Journal of the National Cancer Institute, 1990, 82, 301-305.	3.0	94
121	Expression of insulin-like growth factor receptor, IGF-1, and IGF-2 in primary and metastatic osteosarcoma. , 1998, 69, 21-27.		94
122	Serum insulin-like growth factor I: tumor marker or etiologic factor? A prospective study of prostate cancer among Finnish men. Cancer Research, 2003, 63, 3991-4.	0.4	94
123	Prediagnostic Plasma C-Peptide and Pancreatic Cancer Risk in Men and Women. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 2101-2109.	1.1	93
124	Insulin-like growth factor-binding protein-3 inhibition of prostate cancer growth involves suppression of angiogenesis. Oncogene, 2007, 26, 1811-1819.	2.6	93
125	Long-term effects of insulin glargine on the risk of breast cancer. Diabetologia, 2011, 54, 2254-2262.	2.9	93
126	Integrated Pharmacodynamic Analysis Identifies Two Metabolic Adaption Pathways to Metformin in Breast Cancer. Cell Metabolism, 2018, 28, 679-688.e4.	7.2	92

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127	Vitamin D and Calcium Intakes from Food or Supplements and Mammographic Breast Density. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1653-1659.	1.1	91
128	Targeting insulin and insulin-like growth factor signalling in oncology. Current Opinion in Pharmacology, 2008, 8, 384-392.	1.7	90
129	The Insulin Receptor/Insulin-Like Growth Factor Receptor Family as a Therapeutic Target in Oncology. Clinical Cancer Research, 2012, 18, 40-50.	3.2	89
130	Antiproliferative Action of Vitamin D-Related Compounds and Insulin-Like Growth Factor-Binding Protein 5 Accumulation. Journal of the National Cancer Institute, 1997, 89, 652-656.	3.0	88
131	Insulin, insulin-like growth factors and neoplasia. Best Practice and Research in Clinical Endocrinology and Metabolism, 2008, 22, 625-638.	2.2	85
132	Vitamin D Status in Patients With Stage IV Colorectal Cancer: Findings From Intergroup Trial N9741. Journal of Clinical Oncology, 2011, 29, 1599-1606.	0.8	85
133	A sequence repeat in the insulin-like growth factor-1 gene and risk of breast cancer. International Journal of Cancer, 2002, 100, 332-336.	2.3	84
134	Celecoxib analogues disrupt Akt signaling, which is commonly activated in primary breast tumours. Breast Cancer Research, 2005, 7, R796-807.	2.2	83
135	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. Journal of Clinical Oncology, 2011, 29, 3869-3876.	0.8	83
136	Pharmacodynamic and Antineoplastic Activity of BI 836845, a Fully Human IGF Ligand-Neutralizing Antibody, and Mechanistic Rationale for Combination with Rapamycin. Molecular Cancer Therapeutics, 2014, 13, 399-409.	1.9	83
137	Genomewide meta‐analysis identifies loci associated with <scp>IGF</scp> â€ and <scp>IGFBP</scp> â€3 levels with impact on age‐related traits. Aging Cell, 2016, 15, 811-824.	3.0	83
138	Insulin-like Growth Factors and Prostate Cancer. Epidemiologic Reviews, 2001, 23, 59-66.	1.3	82
139	Whole Milk Intake Is Associated with Prostate Cancer-Specific Mortality among U.S. Male Physicians. Journal of Nutrition, 2013, 143, 189-196.	1.3	82
140	Serum concentrations of IGF-I, IGFBP-3 and c-peptide and risk of hyperplasia and cancer of the breast in postmenopausal women. International Journal of Cancer, 2004, 108, 773-779.	2.3	81
141	C-Reactive Protein Concentrations and Subsequent Ovarian Cancer Risk. Obstetrics and Gynecology, 2007, 109, 933-941.	1.2	80
142	Relevance of the OCT1 transporter to the antineoplastic effect of biguanides. Biochemical and Biophysical Research Communications, 2011, 414, 694-699.	1.0	80
143	Modification of the Association Between Obesity and Lethal Prostate Cancer by TMPRSS2:ERG. Journal of the National Cancer Institute, 2013, 105, 1881-1890.	3.0	80
144	Metformin and Rapamycin Reduce Pancreatic Cancer Growth in Obese Prediabetic Mice by Distinct MicroRNA-Regulated Mechanisms. Diabetes, 2015, 64, 1632-1642.	0.3	80

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145	Pre-treatment levels of circulating free IGF-1 identify NSCLC patients who derive clinical benefit from figitumumab. British Journal of Cancer, 2011, 104, 68-74.	2.9	79
146	The effects of metformin on gut microbiota and the immune system as research frontiers. Diabetologia, 2017, 60, 1662-1667.	2.9	79
147	Menopause Is a Determinant of Breast Aromatase Expression and Its Associations With BMI, Inflammation, and Systemic Markers. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1692-1701.	1.8	77
148	Amplified, overexpressed and rearranged epidermal growth factor receptor gene in a human astrocytoma cell line. Biochemical and Biophysical Research Communications, 1985, 131, 207-215.	1.0	76
149	Primary node negative breast cancer in BRCA1 mutation carriers has a poor outcome. Annals of Oncology, 2000, 11, 307-314.	0.6	76
150	Prediagnostic plasma <scp>IGFBP</scp>‑1, <scp>IGF</scp>‑1 and risk of prostate cancer. International Journal of Cancer, 2015, 136, 2418-2426.	2.3	76
151	Association of markers of insulin and glucose control with subsequent colorectal cancer risk. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 412-8.	1.1	76
152	Polymorphic variation at the -202 locus inIGFBP3: Influence on serum levels of insulin-like growth factors, interaction with plasma retinol and vitamin D and breast cancer risk. International Journal of Cancer, 2003, 107, 60-64.	2.3	75
153	Overcoming Trastuzumab Resistance in HER2-Overexpressing Breast Cancer Cells by Using a Novel Celecoxib-Derived Phosphoinositide-Dependent Kinase-1 Inhibitor. Molecular Pharmacology, 2006, 70, 1534-1541.	1.0	74
154	The Use of Metformin and the Incidence of Lung Cancer in Patients With Type 2 Diabetes. Diabetes Care, 2013, 36, 124-129.	4.3	74
155	C-Peptide, Insulin-like Growth Factor Binding Protein-1, Glycosylated Hemoglobin, and the Risk of Distal Colorectal Adenoma in Women. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 750-755.	1.1	73
156	Somatic point mutations occurring early in development: a monozygotic twin study. Journal of Medical Genetics, 2014, 51, 28-34.	1.5	73
157	Characterization of insulin-like growth factor I (IGF-I) receptors of human breast cancer cells. Biochemical and Biophysical Research Communications, 1988, 154, 326-331.	1.0	71
158	Dietary Feeding of Silibinin Inhibits Prostate Tumor Growth and Progression in Transgenic Adenocarcinoma of the Mouse Prostate Model. Cancer Research, 2007, 67, 11083-11091.	0.4	71
159	Circulating Insulin-Like Growth Factor Binding Protein-1 and the Risk of Pancreatic Cancer. Cancer Research, 2007, 67, 7923-7928.	0.4	71
160	Insulin-Like Growth Factor Binding Protein-2 Is a Novel Therapeutic Target Associated with Breast Cancer. Clinical Cancer Research, 2008, 14, 6944-6954.	3.2	71
161	Co-targeting HER2/ErbB2 and insulin-like growth factor-1 receptors causes synergistic inhibition of growth in HER2-overexpressing breast cancer cells. Medical Science Monitor, 2002, 8, BR521-6.	0.5	71
162	Prediagnostic Adiponectin Concentrations and Pancreatic Cancer Risk in Male Smokers. American Journal of Epidemiology, 2008, 168, 1047-1055.	1.6	70

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163	A prospective study of plasma levels of insulin-like growth factor I (IGF-I) and IGF-binding protein-3, and colorectal cancer risk among men. Growth Hormone and IGF Research, 2000, 10, S28-S29.	0.5	69
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