Gordon B Mills

List of Publications by Year
in descending order

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834	167,677	52	69
papers	citations	181 h-index	373 g-index

873	873	873	145032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Cancer Genome Atlas Pan-Cancer analysis project. Nature Genetics, 2013, 45, 1113-1120.	9.4	6,265
2	Inferring tumour purity and stromal and immune cell admixture from expression data. Nature Communications, 2013, 4, 2612.	5.8	5,788
3	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
4	Integrated genomic characterization of endometrial carcinoma. Nature, 2013, 497, 67-73.	13.7	4,075
5	The Somatic Genomic Landscape of Glioblastoma. Cell, 2013, 155, 462-477.	13.5	3,979
6	The Immune Landscape of Cancer. Immunity, 2018, 48, 812-830.e14.	6.6	3,706
7	Use of proteomic patterns in serum to identify ovarian cancer. Lancet, The, 2002, 359, 572-577.	6.3	3,043
8	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. New England Journal of Medicine, 2015, 372, 2481-2498.	13.9	2,582
9	mTOR Inhibition Induces Upstream Receptor Tyrosine Kinase Signaling and Activates Akt. Cancer Research, 2006, 66, 1500-1508.	0.4	2,329
10	Integrated Genomic Characterization of Papillary Thyroid Carcinoma. Cell, 2014, 159, 676-690.	13.5	2,318
11	An Integrated TCGA Pan-Cancer Clinical Data Resource to Drive High-Quality Survival Outcome Analytics. Cell, 2018, 173, 400-416.e11.	13.5	2,277
12	Next-generation characterization of the Cancer Cell Line Encyclopedia. Nature, 2019, 569, 503-508.	13.7	2,149
13	Oncogenic Signaling Pathways in The Cancer Genome Atlas. Cell, 2018, 173, 321-337.e10.	13.5	2,111
14	Pan-cancer analysis of whole genomes. Nature, 2020, 578, 82-93.	13.7	1,966
15	Exploiting the PI3K/AKT Pathway for Cancer Drug Discovery. Nature Reviews Drug Discovery, 2005, 4, 988-1004.	21.5	1,853
16	Exosomal PD-L1 contributes to immunosuppression and is associated with anti-PD-1 response. Nature, 2018, 560, 382-386.	13.7	1,836
17	Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. Cell, 2017, 169, 1327-1341.e23.	13.5	1,794
18	Comprehensive Molecular Characterization of Muscle-Invasive Bladder Cancer. Cell, 2017, 171, 540-556.e25.	13.5	1,742

#	Article	IF	Citations
19	Adipocytes promote ovarian cancer metastasis and provide energy for rapid tumor growth. Nature Medicine, 2011, 17, 1498-1503.	15.2	1,740
20	Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer. Cell, 2018, 173, 291-304.e6.	13.5	1,718
21	Comprehensive Characterization of Cancer Driver Genes and Mutations. Cell, 2018, 173, 371-385.e18.	13.5	1,670
22	Comprehensive Molecular Portraits of Invasive Lobular Breast Cancer. Cell, 2015, 163, 506-519.	13.5	1,485
23	A Functional Genetic Approach Identifies the PI3K Pathway as a Major Determinant of Trastuzumab Resistance in Breast Cancer. Cancer Cell, 2007, 12, 395-402.	7.7	1,471
24	Integrated Genomic Characterization of Pancreatic Ductal Adenocarcinoma. Cancer Cell, 2017, 32, 185-203.e13.	7.7	1,428
25	Machine Learning Identifies Stemness Features Associated with Oncogenic Dedifferentiation. Cell, 2018, 173, 338-354.e15.	13.5	1,417
26	Regulation of the Hippo-YAP Pathway by G-Protein-Coupled Receptor Signaling. Cell, 2012, 150, 780-791.	13.5	1,310
27	Multiplatform Analysis of 12 Cancer Types Reveals Molecular Classification within and across Tissues of Origin. Cell, 2014, 158, 929-944.	13.5	1,242
28	Genome-wide association scan of tag SNPs identifies a susceptibility locus for lung cancer at 15q25.1. Nature Genetics, 2008, 40, 616-622.	9.4	1,189
29	The biology of ovarian cancer: new opportunities for translation. Nature Reviews Cancer, 2009, 9, 415-428.	12.8	1,172
30	Integrated genomic and molecular characterization of cervical cancer. Nature, 2017, 543, 378-384.	13.7	1,158
31	Rethinking ovarian cancer: recommendations for improving outcomes. Nature Reviews Cancer, 2011, 11, 719-725.	12.8	1,084
32	PIK3CA is implicated as an oncogene in ovarian cancer. Nature Genetics, 1999, 21, 99-102.	9.4	1,041
33	Comprehensive Molecular Characterization of Papillary Renal-Cell Carcinoma. New England Journal of Medicine, 2016, 374, 135-145.	13.9	1,040
34	The emerging role of lysophosphatidic acid in cancer. Nature Reviews Cancer, 2003, 3, 582-591.	12.8	1,010
35	Comprehensive Genomic Analysis Identifies Novel Subtypes and Targets of Triple-Negative Breast Cancer. Clinical Cancer Research, 2015, 21, 1688-1698.	3.2	990
36	An Integrative Genomic and Proteomic Analysis of PIK3CA, PTEN, and AKT Mutations in Breast Cancer. Cancer Research, 2008, 68, 6084-6091.	0.4	916

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37	Autotaxin has lysophospholipase D activity leading to tumor cell growth and motility by lysophosphatidic acid production. Journal of Cell Biology, 2002, 158, 227-233.	2.3	859
38	An Epithelialâ€“Mesenchymal Transition Gene Signature Predicts Resistance to EGFR and PI3K Inhibitors and Identifies Axl as a Therapeutic Target for Overcoming EGFR Inhibitor Resistance. Clinical Cancer Research, 2013, 19, 279-290.	3.2	848
39	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. Cell Reports, 2018, 23, 239-254.e6.	2.9	801
40	The energy sensing LKB1â€“AMPK pathway regulates p27kip1 phosphorylation mediating the decision to enter autophagy or apoptosis. Nature Cell Biology, 2007, 9, 218-224.	4.6	782
41	Characterization of a Naturally Occurring Breast Cancer Subset Enriched in Epithelial-to-Mesenchymal Transition and Stem Cell Characteristics. Cancer Research, 2009, 69, 4116-4124.	0.4	768
42	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. Cancer Cell, 2018, 33, 676-689.e3.	7.7	750
43	Phosphorylation of Î²-Catenin by AKT Promotes Î²-Catenin Transcriptional Activity. Journal of Biological Chemistry, 2007, 282, 11221-11229.	1.6	740
44	Comprehensive and Integrated Genomic Characterization of Adult Soft Tissue Sarcomas. Cell, 2017, 171, 950-965.e28.	13.5	738
45	State-of-the-art strategies for targeting the DNA damage response in cancer. Nature Reviews Clinical Oncology, 2019, 16, 81-104.	12.5	736
46	Homologous Recombination Deficiency (HRD) Score Predicts Response to Platinum-Containing Neoadjuvant Chemotherapy in Patients with Triple-Negative Breast Cancer. Clinical Cancer Research, 2016, 22, 3764-3773.	3.2	733
47	Co-occurring Genomic Alterations Define Major Subsets of KRAS-Mutant Lung Adenocarcinoma with Distinct Biology, Immune Profiles, and Therapeutic Vulnerabilities. Cancer Discovery, 2015, 5, 860-877.	7.7	696
48	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. Cell Reports, 2018, 23, 181-193.e7.	2.9	683
49	Derailed endocytosis: an emerging feature of cancer. Nature Reviews Cancer, 2008, 8, 835-850.	12.8	652
50	Integrative Analysis Identifies Four Molecular and Clinical Subsets in Uveal Melanoma. Cancer Cell, 2017, 32, 204-220.e15.	7.7	642
51	ATM signals to TSC2 in the cytoplasm to regulate mTORC1 in response to ROS. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4153-4158.	3.3	628
52	Comprehensive Analysis of Alternative Splicing Across Tumors from 8,705 Patients. Cancer Cell, 2018, 34, 211-224.e6.	7.7	623
53	Pathogenic Germline Variants in 10,389 Adult Cancers. Cell, 2018, 173, 355-370.e14.	13.5	620
54	Reverse phase protein array: validation of a novel proteomic technology and utility for analysis of primary leukemia specimens and hematopoietic stem cells. Molecular Cancer Therapeutics, 2006, 5, 2512-2521.	1.9	607

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55	Scalable Open Science Approach for Mutation Calling of Tumor Exomes Using Multiple Genomic Pipelines. Cell Systems, 2018, 6, 271-281.e7.	2.9	605
56	Comprehensive Genomic Characterization of Long Non-coding RNAs across Human Cancers. Cancer Cell, 2015, 28, 529-540.	7.7	601
57	ERK promotes tumorigenesis by inhibiting FOXO3a via MDM2-mediated degradation. Nature Cell Biology, 2008, 10, 138-148.	4.6	590
58	Endocrine-Therapy-Resistant ESR1 Variants Revealed by Genomic Characterization of Breast-Cancer-Derived Xenografts. Cell Reports, 2013, 4, 1116-1130.	2.9	539
59	Comprehensive Molecular Characterization of Pheochromocytoma and Paraganglioma. Cancer Cell, 2017, 31, 181-193.	7.7	532
60	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. Cell Reports, 2018, 23, 313-326.e5.	2.9	523
61	Multiplex digital spatial profiling of proteins and RNA in fixed tissue. Nature Biotechnology, 2020, 38, 586-599.	9.4	509
62	A module of negative feedback regulators defines growth factor signaling. Nature Genetics, 2007, 39, 503-512.	9.4	506
63	Synergistic Augmentation of Rapamycin-Induced Autophagy in Malignant Glioma Cells by Phosphatidylinositol 3-Kinase/Protein Kinase B Inhibitors. Cancer Research, 2005, 65, 3336-3346.	0.4	505
64	Frequent Mutation of the PI3K Pathway in Head and Neck Cancer Defines Predictive Biomarkers. Cancer Discovery, 2013, 3, 761-769.	7.7	505
65	Incidence and Outcome of BRCA Mutations in Unselected Patients with Triple Receptor-Negative Breast Cancer. Clinical Cancer Research, 2011, 17, 1082-1089.	3.2	487
66	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. Cancer Cell, 2018, 33, 690-705.e9.	7.7	478
67	AKT-Independent Signaling Downstream of Oncogenic PIK3CA Mutations in Human Cancer. Cancer Cell, 2009, 16, 21-32.	7.7	472
68	The RAB25 small GTPase determines aggressiveness of ovarian and breast cancers. Nature Medicine, 2004, 10, 1251-1256.	15.2	463
69	A pan-cancer proteomic perspective on The Cancer Genome Atlas. Nature Communications, 2014, 5, 3887.	5.8	456
70	Loss of PTEN/MMAC1/TEP in EGF receptor-expressing tumor cells counteracts the antitumor action of EGFR tyrosine kinase inhibitors. Oncogene, 2003, 22, 2812-2822.	2.6	449
71	Hyperactivation of phosphatidylinositol-3 kinase promotes escape from hormone dependence in estrogen receptorâ€“positive human breast cancer. Journal of Clinical Investigation, 2010, 120, 2406-2413.	3.9	447
72	TCPA: a resource for cancer functional proteomics data. Nature Methods, 2013, 10, 1046-1047.	9.0	446

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73	Validation of an anti-sphingosine-1-phosphate antibody as a potential therapeutic in reducing growth, invasion, and angiogenesis in multiple tumor lineages. Cancer Cell, 2006, 9, 225-238.	7.7	435
74	A Pan-Cancer Proteogenomic Atlas of PI3K/AKT/mTOR Pathway Alterations. Cancer Cell, 2017, 31, 820-832.e3.	7.7	433
75	Proteomic Profiling Identifies Dysregulated Pathways in Small Cell Lung Cancer and Novel Therapeutic Targets Including PARP1. Cancer Discovery, 2012, 2, 798-811.	7.7	432
76	PKM2 Isoform-Specific Deletion Reveals a Differential Requirement for Pyruvate Kinase in Tumor Cells. Cell, 2013, 155, 397-409.	13.5	429
77	Protein kinase B (PKB/Akt) activity is elevated in glioblastoma cells due to mutation of the tumor suppressor PTEN/MMAC. Current Biology, 1998, 8, 1195-S1.	1.8	428
78	The Genomic Landscape and Clinical Relevance of A-to-I RNA Editing in Human Cancers. Cancer Cell, 2015, 28, 515-528.	7.7	426
79	Integrative Molecular Characterization of Malignant Pleural Mesothelioma. Cancer Discovery, 2018, 8, 1548-1565.	7.7	422
80	Frequency-Modulated Pulses of ERK Activity Transmit Quantitative Proliferation Signals. Molecular Cell, 2013, 49, 249-261.	4.5	421
81	High Frequency of PIK3R1 and PIK3R2 Mutations in Endometrial Cancer Elucidates a Novel Mechanism for Regulation of PTEN Protein Stability. Cancer Discovery, 2011, 1, 170-185.	7.7	419
82	Subtype and pathway specific responses to anticancer compounds in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2724-2729.	3.3	417
83	Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles. Cell Reports, 2017, 18, 2780-2794.	2.9	416
84	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. Cell Reports, 2018, 23, 227-238.e3.	2.9	407
85	HER2/PI-3K/Akt activation leads to a multidrug resistance in human breast adenocarcinoma cells. Oncogene, 2003, 22, 3205-3212.	2.6	406
86	PARPi Triggers the STING-Dependent Immune Response and Enhances the Therapeutic Efficacy of Immune Checkpoint Blockade Independent of BRCAness. Cancer Research, 2019, 79, 311-319.	0.4	404
87	lncRNA Epigenetic Landscape Analysis Identifies EPIC1 as an Oncogenic lncRNA that Interacts with MYC and Promotes Cell-Cycle Progression in Cancer. Cancer Cell, 2018, 33, 706-720.e9.	7.7	400
88	Selection of Potential Markers for Epithelial Ovarian Cancer with Gene Expression Arrays and Recursive Descent Partition Analysis. Clinical Cancer Research, 2004, 10, 3291-3300.	3.2	399
89	Functional Genomic Landscape of Human Breast Cancer Drivers, Vulnerabilities, and Resistance. Cell, 2016, 164, 293-309.	13.5	399
90	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. Cancer Cell, 2018, 33, 721-735.e8.	7.7	396

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91	A Renewable Tissue Resource of Phenotypically Stable, Biologically and Ethnically Diverse, Patient-Derived Human Breast Cancer Xenograft Models. Cancer Research, 2013, 73, 4885-4897.	0.4	394
92	Feasibility of Large-Scale Genomic Testing to Facilitate Enrollment Onto Genomically Matched Clinical Trials. Journal of Clinical Oncology, 2015, 33, 2753-2762.	0.8	372
93	ARID1A deficiency promotes mutability and potentiates therapeutic antitumor immunity unleashed by immune checkpoint blockade. Nature Medicine, 2018, 24, 556-562.	15.2	372
94	The tumor suppressor gene ARHI regulates autophagy and tumor dormancy in human ovarian cancer cells. Journal of Clinical Investigation, 2008, 118, 3917-29.	3.9	370
95	Rab25 Associates with Î±5Î²1 Integrin to Promote Invasive Migration in 3D Microenvironments. Developmental Cell, 2007, 13, 496-510.	3.1	369
96	Mutation Profiling in Cholangiocarcinoma: Prognostic and Therapeutic Implications. PLoS ONE, 2014, 9, e115383.	1.1	362
97	A Functional Genomic Approach Identifies FAL1 as an Oncogenic Long Noncoding RNA that Associates with BMI1 and Represses p21 Expression in Cancer. Cancer Cell, 2014, 26, 344-357.	7.7	361
98	ARID1A Deficiency Impairs the DNA Damage Checkpoint and Sensitizes Cells to PARP Inhibitors. Cancer Discovery, 2015, 5, 752-767.	7.7	361
99	Amplification of PVT1 Contributes to the Pathophysiology of Ovarian and Breast Cancer. Clinical Cancer Research, 2007, 13, 5745-5755.	3.2	345
100	Inhibition of PI3K/mTOR Leads to Adaptive Resistance in Matrix-Attached Cancer Cells. Cancer Cell, 2012, 21, 227-239.	7.7	344
101	Somatic Mutations in BRCA1 and BRCA2 Could Expand the Number of Patients That Benefit From Poly (ADP Ribose) Polymerase Inhibitors in Ovarian Cancer. Journal of Clinical Oncology, 2010, 28, 3570-3576.	0.8	342
102	Growth of Triple-Negative Breast Cancer Cells Relies upon Coordinate Autocrine Expression of the Proinflammatory Cytokines IL-6 and IL-8. Cancer Research, 2013, 73, 3470-3480.	0.4	342
103	Basal Subtype and MAPK/ERK Kinase (MEK)-Phosphoinositide 3-Kinase Feedback Signaling Determine Susceptibility of Breast Cancer Cells to MEK Inhibition. Cancer Research, 2009, 69, 565-572.	0.4	340
104	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	13.5	334
105	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. Cell Reports, 2018, 23, 282-296.e4.	2.9	333
106	Expression of Autotaxin and Lysophosphatidic Acid Receptors Increases Mammary Tumorigenesis, Invasion, and Metastases. Cancer Cell, 2009, 15, 539-550.	7.7	332
107	Comprehensive Molecular Characterization of the Hippo Signaling Pathway in Cancer. Cell Reports, 2018, 25, 1304-1317.e5.	2.9	329
108	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. Cell Systems, 2018, 6, 13-24.	2.9	327

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109	PIK3CAmutations associated with gene signature of low mTORC1 signaling and better outcomes in estrogen receptorâ€“positive breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10208-10213.	3.3	324
110	Integrated Molecular Characterization of Testicular Germ Cell Tumors. Cell Reports, 2018, 23, 3392-3406.	2.9	324
111	Ischemia in Tumors Induces Early and Sustained Phosphorylation Changes in Stress Kinase Pathways but Does Not Affect Global Protein Levels. Molecular and Cellular Proteomics, 2014, 13, 1690-1704.	2.5	323
112	Genetic variation in the prostate stem cell antigen gene PSCA confers susceptibility to urinary bladder cancer. Nature Genetics, 2009, 41, 991-995.	9.4	321
113	Sustained Activation of JNK/p38 MAPK Pathways in Response to Cisplatin Leads to Fas Ligand Induction and Cell Death in Ovarian Carcinoma Cells. Journal of Biological Chemistry, 2003, 278, 19245-19256.	1.6	319
114	MYC pathway activation in triple-negative breast cancer is synthetic lethal with CDK inhibition. Journal of Experimental Medicine, 2012, 209, 679-696.	4.2	309
115	Integrated Molecular Characterization of Uterine Carcinosarcoma. Cancer Cell, 2017, 31, 411-423.	7.7	309
116	Targeting Mammalian Target of Rapamycin Synergistically Enhances Chemotherapy-Induced Cytotoxicity in Breast Cancer Cells. Clinical Cancer Research, 2004, 10, 7031-7042.	3.2	303
117	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. Cell Reports, 2016, 14, 2476-2489.	2.9	298
118	The chemokine growth-regulated oncogene 1 (Gro-1) links RAS signaling to the senescence of stromal fibroblasts and ovarian tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16472-16477.	3.3	292
119	Cancer Stem Cells Contribute to Cisplatin Resistance in Brca1/p53â€“Mediated Mouse Mammary Tumors. Cancer Research, 2008, 68, 3243-3250.	0.4	292
120	The PTEN/MMAC1/TEP tumor suppressor gene decreases cell growth and induces apoptosis and anoikis in breast cancer cells. Oncogene, 1999, 18, 7034-7045.	2.6	288
121	A Vascular Targeted Pan Phosphoinositide 3-Kinase Inhibitor Prodrug, SF1126, with Antitumor and Antiangiogenic Activity. Cancer Research, 2008, 68, 206-215.	0.4	284
122	ERÎ±-Dependent E2F Transcription Can Mediate Resistance to Estrogen Deprivation in Human Breast Cancer. Cancer Discovery, 2011, 1, 338-351.	7.7	284
123	Pan-cancer Alterations of the MYC Oncogene and Its Proximal Network across the Cancer Genome Atlas. Cell Systems, 2018, 6, 282-300.e2.	2.9	284
124	Patterns of Gene Expression in Different Histotypes of Epithelial Ovarian Cancer Correlate with Those in Normal Fallopian Tube, Endometrium, and Colon. Clinical Cancer Research, 2005, 11, 6116-6126.	3.2	283
125	Inhibition of phosphatidylinositol 3'-kinase increases efficacy of paclitaxel in in vitro and in vivo ovarian cancer models. Cancer Research, 2002, 62, 1087-92.	0.4	279
126	Use of Reverse Phase Protein Microarrays and Reference Standard Development for Molecular Network Analysis of Metastatic Ovarian Carcinoma. Molecular and Cellular Proteomics, 2005, 4, 346-355.	2.5	278

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127	Mutations in the Phosphatidylinositol-3-Kinase Pathway Predict for Antitumor Activity of the Inhibitor PX-866 whereas Oncogenic Ras Is a Dominant Predictor for Resistance. Cancer Research, 2009, 69, 143-150.	0.4	273
128	Perspective on Oncogenic Processes at the End of the Beginning of Cancer Genomics. Cell, 2018, 173, 305-320.e10.	13.5	272
129	The Integrated Genomic Landscape of Thymic Epithelial Tumors. Cancer Cell, 2018, 33, 244-258.e10.	7.7	270
130	Determinants of Rapamycin Sensitivity in Breast Cancer Cells. Clinical Cancer Research, 2004, 10, 1013-1023.	3.2	269
131	PIK3CA mutations in androgen receptor-positive triple negative breast cancer confer sensitivity to the combination of PI3K and androgen receptor inhibitors. Breast Cancer Research, 2014, 16, 406.	2.2	267
132	The PI3K/AKT Pathway and Renal Cell Carcinoma. Journal of Genetics and Genomics, 2015, 42, 343-353.	1.7	267
133	Modeling precision treatment of breast cancer. Genome Biology, 2013, 14, R110.	13.9	264
134	Progress in Chemoprevention Drug Development: The Promise of Molecular Biomarkers for Prevention of Intraepithelial Neoplasia and Cancerâ€"A Plan to Move Forward. Clinical Cancer Research, 2006, 12, 3661-3697.	3.2	263
135	A Genetically Defined Model for Human Ovarian Cancer. Cancer Research, 2004, 64, 1655-1663.	0.4	259
136	Targeting the Hepatocyte Growth Factorâ€"cMET Axis in Cancer Therapy. Journal of Clinical Oncology, 2012, 30, 3287-3296.	0.8	258
137	Assessing the clinical utility of cancer genomic and proteomic data across tumor types. Nature Biotechnology, 2014, 32, 644-652.	9.4	257
138	Resistance to BRAF Inhibition in BRAF-Mutant Colon Cancer Can Be Overcome with PI3K Inhibition or Demethylating Agents. Clinical Cancer Research, 2013, 19, 657-667.	3.2	250
139	Loss of trimethylation at lysine 27 of histone H3 is a predictor of poor outcome in breast, ovarian, and pancreatic cancers. Molecular Carcinogenesis, 2008, 47, 701-706.	1.3	249
140	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. Cell Reports, 2018, 23, 194-212.e6.	2.9	245
141	Clinical and genomic landscape of gastric cancer with a mesenchymal phenotype. Nature Communications, 2018, 9, 1777.	5.8	245
142	Regulation of BAD phosphorylation at serine 112 by the Ras-mitogen-activated protein kinase pathway. Oncogene, 1999, 18, 6635-6640.	2.6	242
143	Comprehensive Characterization of Molecular Differences in Cancer between Male and Female Patients. Cancer Cell, 2016, 29, 711-722.	7.7	242
144	Markedly Elevated Levels of Vascular Endothelial Growth Factor in Malignant Ascites. Annals of Surgical Oncology, 1999, 6, 373-378.	0.7	240

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145	Functional proteomic profiling of AML predicts response and survival. Blood, 2009, 113, 154-164.	0.6	235
146	Atypical PKCÂ contributes to poor prognosis through loss of apical-basal polarity and Cyclin E overexpression in ovarian cancer. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12519-12524.	3.3	231
147	Oncogenic PIK3CA-driven mammary tumors frequently recur via PI3K pathwayâ€“dependent and PI3K pathwayâ€“independent mechanisms. Nature Medicine, 2011, 17, 1116-1120.	15.2	231
148	A New Mutational aktivation in the PI3K Pathway. Cancer Cell, 2007, 12, 104-107.	7.7	230
149	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. Cell, 2018, 173, 386-399.e12.	13.5	228
150	Mechanisms underlying chemoprevention of ovarian cancer. Clinical Cancer Research, 2002, 8, 7-10.	3.2	227
151	Lysophosphatidic Acid Induction of Vascular Endothelial Growth Factor Expression in Human Ovarian Cancer Cells. Journal of the National Cancer Institute, 2001, 93, 762-767.	3.0	224
152	Astrocytes Upregulate Survival Genes in Tumor Cells and Induce Protection from Chemotherapy. Neoplasia, 2011, 13, 286-298.	2.3	224
153	Future of Personalized Medicine in Oncology: A Systems Biology Approach. Journal of Clinical Oncology, 2010, 28, 2777-2783.	0.8	223
154	Integrated Molecular and Clinical Analysis of AKT Activation in Metastatic Melanoma. Clinical Cancer Research, 2009, 15, 7538-7546.	3.2	221
155	AMPK: A Contextual Oncogene or Tumor Suppressor?. Cancer Research, 2013, 73, 2929-2935.	0.4	220
156	CTNNB1 (beta-catenin) mutation identifies low grade, early stage endometrial cancer patients at increased risk of recurrence. Modern Pathology, 2017, 30, 1032-1041.	2.9	220
157	Dual Inhibition of Tumor Energy Pathway by 2-Deoxyglucose and Metformin Is Effective against a Broad Spectrum of Preclinical Cancer Models. Molecular Cancer Therapeutics, 2011, 10, 2350-2362.	1.9	219
158	Profiling of residual breast cancers after neoadjuvant chemotherapy identifies DUSP4 deficiency as a mechanism of drug resistance. Nature Medicine, 2012, 18, 1052-1059.	15.2	219
159	Targeting mitochondrial biogenesis to overcome drug resistance to MAPK inhibitors. Journal of Clinical Investigation, 2016, 126, 1834-1856.	3.9	219
160	Src Family Protein-tyrosine Kinases Alter the Function of PTEN to Regulate Phosphatidylinositol 3-Kinase/AKT Cascades. Journal of Biological Chemistry, 2003, 278, 40057-40066.	1.6	218
161	BRD4 Inhibition Is Synthetic Lethal with PARP Inhibitors through the Induction of Homologous Recombination Deficiency. Cancer Cell, 2018, 33, 401-416.e8.	7.7	215
162	Systematic Functional Annotation of Somatic Mutations in Cancer. Cancer Cell, 2018, 33, 450-462.e10.	7.7	213

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163	Lysophospholipid Growth Factors in the Initiation, Progression, Metastases, and Management of Ovarian Cancer. Annals of the New York Academy of Sciences, 2000, 905, 188-208.	1.8	212
164	Tyrosine Phosphorylation of p85 Relieves Its Inhibitory Activity on Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 2001, 276, 27455-27461.	1.6	211
165	Proteomic and transcriptomic profiling reveals a link between the PI3K pathway and lower estrogen-receptor (ER) levels and activity in ER+ breast cancer. Breast Cancer Research, 2010, 12, R40.	2.2	211
166	Inferring causal molecular networks: empirical assessment through a community-based effort. Nature Methods, 2016, 13, 310-318.	9.0	209
167	Comparison of Breast Cancer Molecular Features and Survival by African and European Ancestry in The Cancer Genome Atlas. JAMA Oncology, 2017, 3, 1654.	3.4	208
168	Insulin-Like Growth Factor-I Inhibits Progesterone Receptor Expression in Breast Cancer Cells via the Phosphatidylinositol 3-Kinase/Akt/Mammalian Target of Rapamycin Pathway: Progesterone Receptor as a Potential Indicator of Growth Factor Activity in Breast Cancer. Molecular Endocrinology, 2003, 17, 575-588.	3.7	207
169	Whole-exome sequencing combined with functional genomics reveals novel candidate driver cancer genes in endometrial cancer. Genome Research, 2012, 22, 2120-2129.	2.4	206
170	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. Cell Reports, 2018, 23, 297-312.e12.	2.9	205
171	PI3K Pathway Mutations and PTEN Levels in Primary and Metastatic Breast Cancer. Molecular Cancer Therapeutics, 2011, 10, 1093-1101.	1.9	204
172	Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers. Cell Reports, 2018, 23, 255-269.e4.	2.9	204
173	A Technical Assessment of the Utility of Reverse Phase Protein Arrays for the Study of the Functional Proteome in Non-microdissected Human Breast Cancers. Clinical Proteomics, 2010, 6, 129-151.	1.1	203
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