

Hiroyuki Aburatani

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

25,214
citations

11608

70
h-index

7333

152
g-index

208
all docs

208
docs citations

208
times ranked

39059
citing authors

#	ARTICLE	IF	CITATIONS
1	International network of cancer genome projects. <i>Nature</i> , 2010, 464, 993-998.	13.7	2,114
2	Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. <i>Cell</i> , 2017, 169, 1327-1341.e23.	13.5	1,794
3	Landscape of genetic lesions in 944 patients with myelodysplastic syndromes. <i>Leukemia</i> , 2014, 28, 241-247.	3.3	1,291
4	Mutational Analysis Reveals the Origin and Therapy-Driven Evolution of Recurrent Glioma. <i>Science</i> , 2014, 343, 189-193.	6.0	1,147
5	A role for macrophage scavenger receptors in atherosclerosis and susceptibility to infection. <i>Nature</i> , 1997, 386, 292-296.	13.7	1,127
6	Cohesin mediates transcriptional insulation by CCCTC-binding factor. <i>Nature</i> , 2008, 451, 796-801.	13.7	1,050
7	Tumour-mediated upregulation of chemoattractants and recruitment of myeloid cells predetermines lung metastasis. <i>Nature Cell Biology</i> , 2006, 8, 1369-1375.	4.6	913
8	Engineered CRISPR-Cas9 nuclease with expanded targeting space. <i>Science</i> , 2018, 361, 1259-1262.	6.0	783
9	Trans-ancestry mutational landscape of hepatocellular carcinoma genomes. <i>Nature Genetics</i> , 2014, 46, 1267-1273.	9.4	655
10	Whole-genome mutational landscape and characterization of noncoding and structural mutations in liver cancer. <i>Nature Genetics</i> , 2016, 48, 500-509.	9.4	596
11	Recurrent gain-of-function mutations of RHOA in diffuse-type gastric carcinoma. <i>Nature Genetics</i> , 2014, 46, 583-587.	9.4	436
12	<i>Helicobacter pylori</i> CagA interacts with E-cadherin and deregulates the β -catenin signal that promotes intestinal transdifferentiation in gastric epithelial cells. <i>Oncogene</i> , 2007, 26, 4617-4626.	2.6	401
13	The glypican 3 oncofetal protein is a promising diagnostic marker for hepatocellular carcinoma. <i>Modern Pathology</i> , 2005, 18, 1591-1598.	2.9	317
14	Overexpression of the Aldo-Keto Reductase Family Protein AKR1B10 Is Highly Correlated with Smokers' Non-Small Cell Lung Carcinomas. <i>Clinical Cancer Research</i> , 2005, 11, 1776-1785.	3.2	302
15	Global gene expression analysis of gastric cancer by oligonucleotide microarrays. <i>Cancer Research</i> , 2002, 62, 233-40.	0.4	275
16	Cloning and characterization of mammalian 8-hydroxyguanine-specific DNA glycosylase/apurinic, apyrimidinic lyase, a functional mutM homologue. <i>Cancer Research</i> , 1997, 57, 2151-6.	0.4	274
17	Identification and characterization of lin-28 homolog B (LIN28B) in human hepatocellular carcinoma. <i>Gene</i> , 2006, 384, 51-61.	1.0	272
18	Identification of Soluble NH2-Terminal Fragment of Glypican-3 as a Serological Marker for Early-Stage Hepatocellular Carcinoma. <i>Cancer Research</i> , 2004, 64, 2418-2423.	0.4	269

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19	High-resolution characterization of a hepatocellular carcinoma genome. <i>Nature Genetics</i> , 2011, 43, 464-469.	9.4	265
20	Mitochondrial targeting of human DNA glycosylases for repair of oxidative DNA damage. <i>Nucleic Acids Research</i> , 1998, 26, 2917-2922.	6.5	259
21	Interpreting expression profiles of cancers by genome-wide survey of breadth of expression in normal tissues. <i>Genomics</i> , 2005, 86, 127-141.	1.3	230
22	Dynamic Change of Chromatin Conformation in Response to Hypoxia Enhances the Expression of GLUT3 (SLC2A3) by Cooperative Interaction of Hypoxia-Inducible Factor 1 and KDM3A. <i>Molecular and Cellular Biology</i> , 2012, 32, 3018-3032.	1.1	230
23	Glypican-3, overexpressed in hepatocellular carcinoma, modulates FGF2 and BMP-7 signaling. <i>International Journal of Cancer</i> , 2003, 103, 455-465.	2.3	216
24	Three DNA Methylation Epigenotypes in Human Colorectal Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 21-33.	3.2	207
25	Population-specific and trans-ancestry genome-wide analyses identify distinct and shared genetic risk loci for coronary artery disease. <i>Nature Genetics</i> , 2020, 52, 1169-1177.	9.4	206
26	Cardiomyocyte gene programs encoding morphological and functional signatures in cardiac hypertrophy and failure. <i>Nature Communications</i> , 2018, 9, 4435.	5.8	201
27	Direct Comparison of GeneChip and SAGE on the Quantitative Accuracy in Transcript Profiling Analysis. <i>Genomics</i> , 2000, 68, 136-143.	1.3	191
28	ChIP-seq reveals cell type-specific binding patterns of BMP-specific Smads and a novel binding motif. <i>Nucleic Acids Research</i> , 2011, 39, 8712-8727.	6.5	186
29	Differential gene expression profiles of scirrhous gastric cancer cells with high metastatic potential to peritoneum or lymph nodes. <i>Cancer Research</i> , 2001, 61, 889-95.	0.4	183
30	H3K4/H3K9me3 Bivalent Chromatin Domains Targeted by Lineage-Specific DNA Methylation Pauses Adipocyte Differentiation. <i>Molecular Cell</i> , 2015, 60, 584-596.	4.5	180
31	Chromatin Immunoprecipitation on Microarray Analysis of Smad2/3 Binding Sites Reveals Roles of ETS1 and TFAP2A in Transforming Growth Factor β^2 Signaling. <i>Molecular and Cellular Biology</i> , 2009, 29, 172-186.	1.1	179
32	Genome-wide detection of human copy number variations using high-density DNA oligonucleotide arrays. <i>Genome Research</i> , 2006, 16, 1575-1584.	2.4	175
33	The Peroxisome Proliferator-Activated Receptor β^3 /Retinoid X Receptor α^1 Heterodimer Targets the Histone Modification Enzyme PR-Set7/Setd8 Gene and Regulates Adipogenesis through a Positive Feedback Loop. <i>Molecular and Cellular Biology</i> , 2009, 29, 3544-3555.	1.1	175
34	Exploration of liver cancer genomes. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 340-349.	8.2	168
35	Concurrent loss of <i>Ezh2</i> and <i>Tet2</i> cooperates in the pathogenesis of myelodysplastic disorders. <i>Journal of Experimental Medicine</i> , 2013, 210, 2627-2639.	4.2	162
36	COUP-TFII acts downstream of Wnt/ β -catenin signal to silence PPAR β^3 gene expression and repress adipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5819-5824.	3.3	158

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37	Anti-Glypican 3 Antibody as a Potential Antitumor Agent for Human Liver Cancer. <i>Cancer Research</i> , 2008, 68, 9832-9838.	0.4	152
38	H3F3A K27M mutations in thalamic gliomas from young adult patients. <i>Neuro-Oncology</i> , 2014, 16, 140-146.	0.6	151
39	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. <i>Nature Communications</i> , 2015, 6, 7557.	5.8	149
40	Base editors for simultaneous introduction of C-to-T and A-to-G mutations. <i>Nature Biotechnology</i> , 2020, 38, 865-869.	9.4	137
41	Integrated Multiregional Analysis Proposing a New Model of Colorectal Cancer Evolution. <i>PLoS Genetics</i> , 2016, 12, e1005778.	1.5	134
42	Gene Expression Profiling of Metaplastic Lineages Identifies CDH17 as a Prognostic Marker in Early Stage Gastric Cancer. <i>Gastroenterology</i> , 2010, 139, 213-225.e3.	0.6	133
43	Extracellular Acidic pH Activates the Sterol Regulatory Element-Binding Protein 2 to Promote Tumor Progression. <i>Cell Reports</i> , 2017, 18, 2228-2242.	2.9	129
44	TNF α signals through specialized factories where responsive coding and miRNA genes are transcribed. <i>EMBO Journal</i> , 2012, 31, 4404-4414.	3.5	122
45	Glypican-3 expression in clear cell adenocarcinoma of the ovary. <i>Modern Pathology</i> , 2009, 22, 824-832.	2.9	121
46	Characterization of Apolipoprotein-Mediated HDL Generation Induced by cAMP in a Murine Macrophage Cell Line. <i>Biochemistry</i> , 2000, 39, 11092-11099.	1.2	108
47	Identification of Genes Associated with Dedifferentiation of Hepatocellular Carcinoma with Expression Profiling Analysis. <i>Japanese Journal of Cancer Research</i> , 2002, 93, 636-643.	1.7	107
48	Whole-exome sequencing of human pancreatic cancers and characterization of genomic instability caused by <i>MLH1</i> haploinsufficiency and complete deficiency. <i>Genome Research</i> , 2012, 22, 208-219.	2.4	107
49	Retinal Pigment Epithelium-Derived CTLA-2 β Induces TGF β ² -Producing T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 181, 7525-7536.	0.4	106
50	Amyloid Precursor Protein Is a Primary Androgen Target Gene That Promotes Prostate Cancer Growth. <i>Cancer Research</i> , 2009, 69, 137-142.	0.4	105
51	Global Mapping of Cell Type-Specific Open Chromatin by FAIRE-seq Reveals the Regulatory Role of the NFI Family in Adipocyte Differentiation. <i>PLoS Genetics</i> , 2011, 7, e1002311.	1.5	103
52	Expression and Functions of Transmembrane Mucin MUC13 in Ovarian Cancer. <i>Cancer Research</i> , 2009, 69, 765-774.	0.4	102
53	Anti-glypican 3 antibodies cause ADCC against human hepatocellular carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 279-284.	1.0	101
54	Identification of genes preferentially methylated in hepatitis C virus-related hepatocellular carcinoma. <i>Cancer Science</i> , 2010, 101, 1501-1510.	1.7	99

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55	Molecular karyotyping of human hepatocellular carcinoma using single-nucleotide polymorphism arrays. <i>Oncogene</i> , 2006, 25, 5581-5590.	2.6	94
56	Identification of ROBO1 as a Novel Hepatocellular Carcinoma Antigen and a Potential Therapeutic and Diagnostic Target. <i>Clinical Cancer Research</i> , 2006, 12, 3257-3264.	3.2	94
57	Genetic basis of cardiomyopathy and the genotypes involved in prognosis and left ventricular reverse remodeling. <i>Scientific Reports</i> , 2018, 8, 1998.	1.6	94
58	Transforming Growth Factor- β Promotes Survival of Mammary Carcinoma Cells through Induction of Antiapoptotic Transcription Factor DEC1. <i>Cancer Research</i> , 2007, 67, 9694-9703.	0.4	90
59	Identification of CCDC6-RET Fusion in the Human Lung Adenocarcinoma Cell Line, LC-2/ad. <i>Journal of Thoracic Oncology</i> , 2012, 7, 1872-1876.	0.5	90
60	Identification of a link between Wnt/ β -catenin signalling and the cell fusion pathway. <i>Nature Communications</i> , 2011, 2, 548.	5.8	88
61	JMJD1A is a signal-sensing scaffold that regulates acute chromatin dynamics via SWI/SNF association for thermogenesis. <i>Nature Communications</i> , 2015, 6, 7052.	5.8	87
62	Glypican 3-expressing gastric carcinoma: Distinct subgroup unifying hepatoid, clear-cell, and fetaloprotein-producing gastric carcinomas. <i>Cancer Science</i> , 2009, 100, 626-632.	1.7	85
63	Inhibition of Histone Demethylase JMJD1A Improves Anti-Angiogenic Therapy and Reduces Tumor-Associated Macrophages. <i>Cancer Research</i> , 2013, 73, 3019-3028.	0.4	82
64	A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer. <i>Nature Communications</i> , 2018, 9, 2884.	5.8	82
65	Two distinct modes of DNMT1 recruitment ensure stable maintenance DNA methylation. <i>Nature Communications</i> , 2020, 11, 1222.	5.8	82
66	MUC13 Mucin Augments Pancreatic Tumorigenesis. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 24-33.	1.9	81
67	CellTree: an R/bioconductor package to infer the hierarchical structure of cell populations from single-cell RNA-seq data. <i>BMC Bioinformatics</i> , 2016, 17, 363.	1.2	81
68	Distinction in gene expression profiles of oligodendrogliomas with and without allelic loss of 1p. <i>Oncogene</i> , 2002, 21, 3961-3968.	2.6	80
69	Potential responders to FOLFOX therapy for colorectal cancer by Random Forests analysis. <i>British Journal of Cancer</i> , 2012, 106, 126-132.	2.9	78
70	T-Cell Suppression by Programmed Cell Death 1 Ligand 1 on Retinal Pigment Epithelium during Inflammatory Conditions. , 2009, 50, 2862.		77
71	JUNB governs a feed-forward network of TGF β signaling that aggravates breast cancer invasion. <i>Nucleic Acids Research</i> , 2018, 46, 1180-1195.	6.5	77
72	Allelic imbalances and homozygous deletion on 8p23.2 for stepwise progression of hepatocarcinogenesis. <i>Hepatology</i> , 2009, 49, 513-522.	3.6	75

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73	Allelic dosage analysis with genotyping microarrays. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1309-1314.	1.0	73
74	NFIA co-localizes with PPAR β and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , 2017, 19, 1081-1092.	4.6	73
75	An opposing view on WWOX protein function as a tumor suppressor. <i>Cancer Research</i> , 2003, 63, 8629-33.	0.4	72
76	Epigenetically coordinated GATA2 binding is necessary for endothelium-specific <i>endomucin</i> expression. <i>EMBO Journal</i> , 2011, 30, 2582-2595.	3.5	68
77	Histone demethylase JMJD1A coordinates acute and chronic adaptation to cold stress via thermogenic phospho-switch. <i>Nature Communications</i> , 2018, 9, 1566.	5.8	68
78	Overexpression of MUC13 is associated with intestinal-type gastric cancer. <i>Cancer Science</i> , 2005, 96, 265-273.	1.7	67
79	Tissue-specific demethylation in CpG-poor promoters during cellular differentiation. <i>Human Molecular Genetics</i> , 2011, 20, 2710-2721.	1.4	66
80	Hepatocellular oncofetal protein, glypican 3 is a sensitive marker for α -fetoprotein-producing gastric carcinoma. <i>Histopathology</i> , 2006, 49, 479-486.	1.6	65
81	Transforming growth factor β -induced <i>lncRNA</i> <i>Smad7</i> inhibits apoptosis of mouse breast cancer <i>JyMC</i> (A) cells. <i>Cancer Science</i> , 2014, 105, 974-982.	1.7	65
82	Molecular classification and diagnostics of upper urinary tract urothelial carcinoma. <i>Cancer Cell</i> , 2021, 39, 793-809.e8.	7.7	65
83	Sox21 Promotes Hippocampal Adult Neurogenesis via the Transcriptional Repression of the <i>Hes5</i> Gene. <i>Journal of Neuroscience</i> , 2012, 32, 12543-12557.	1.7	62
84	<i>GATA</i> factor switching from <i>GATA2</i> to <i>GATA1</i> contributes to erythroid differentiation. <i>Genes To Cells</i> , 2013, 18, 921-933.	0.5	62
85	Promoter-wide analysis of <i>Smad4</i> binding sites in human epithelial cells. <i>Cancer Science</i> , 2009, 100, 2133-2142.	1.7	61
86	BMP Sustains Embryonic Stem Cell Self-Renewal through Distinct Functions of Different <i>Klf4</i> -like Factors. <i>Stem Cell Reports</i> , 2016, 6, 64-73.	2.3	61
87	Genomic Approach for the Understanding of Dynamic Aspect of Chromosome Behavior. <i>Methods in Enzymology</i> , 2006, 409, 389-410.	0.4	60
88	Pemafibrate, a selective PPAR α modulator, prevents non-alcoholic steatohepatitis development without reducing the hepatic triglyceride content. <i>Scientific Reports</i> , 2020, 10, 7818.	1.6	60
89	New DNA polymorphisms of human <i>MMH/OGG1</i> gene: Prevalence of one polymorphism among lung-adenocarcinoma patients in Japanese. , 1999, 80, 18-21.		59
90	CARAT: a novel method for allelic detection of DNA copy number changes using high density oligonucleotide arrays. <i>BMC Bioinformatics</i> , 2006, 7, 83.	1.2	59

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91	Activation of Bmp2-Smad1 Signal and Its Regulation by Coordinated Alteration of H3K27 Trimethylation in Ras-Induced Senescence. <i>PLoS Genetics</i> , 2011, 7, e1002359.	1.5	59
92	EZH2 regulates neuroblastoma cell differentiation via NTRK1 promoter epigenetic modifications. <i>Oncogene</i> , 2018, 37, 2714-2727.	2.6	59
93	High-resolution mapping of DNA methylation in human genome using oligonucleotide tiling array. <i>Human Genetics</i> , 2006, 120, 701-711.	1.8	56
94	Reduced Neoantigen Expression Revealed by Longitudinal Multiomics as a Possible Immune Evasion Mechanism in Glioma. <i>Cancer Immunology Research</i> , 2019, 7, 1148-1161.	1.6	56
95	Two distinct gene expression signatures in pediatric acute lymphoblastic leukemia with MLL rearrangements. <i>Cancer Research</i> , 2003, 63, 4882-7.	0.4	56
96	Gene expression profiling and identification of novel prognostic marker genes in neuroblastoma. <i>Genes Chromosomes and Cancer</i> , 2004, 40, 120-132.	1.5	54
97	Role of Thrombospondin-1 in T Cell Response to Ocular Pigment Epithelial Cells. <i>Journal of Immunology</i> , 2007, 178, 6994-7005.	0.4	54
98	Hypoxia-Inducible Factor-1 α Activates the Transforming Growth Factor- β /SMAD3 Pathway in Kidney Tubular Epithelial Cells. <i>American Journal of Nephrology</i> , 2016, 44, 276-285.	1.4	54
99	Downregulation of ERG and FLI1 expression in endothelial cells triggers endothelial-to-mesenchymal transition. <i>PLoS Genetics</i> , 2018, 14, e1007826.	1.5	54
100	Distinct Chromosomal Bias of Gene Expression Signatures in the Progression of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2004, 64, 7263-7270.	0.4	53
101	EV11 oncogene promotes KRAS pathway through suppression of microRNA-96 in pancreatic carcinogenesis. <i>Oncogene</i> , 2014, 33, 2454-2463.	2.6	52
102	Dynamically and epigenetically coordinated GATA/ETS/SOX transcription factor expression is indispensable for endothelial cell differentiation. <i>Nucleic Acids Research</i> , 2017, 45, 4344-4358.	6.5	52
103	An integrated map of p53-binding sites and histone modification in the human ENCODE regions. <i>Genomics</i> , 2007, 89, 178-188.	1.3	50
104	Genetic and epigenetic basis of hepatoblastoma diversity. <i>Nature Communications</i> , 2021, 12, 5423.	5.8	49
105	Novel p53 target gene <i>FUCA1</i> encodes a fucosidase and regulates growth and survival of cancer cells. <i>Cancer Science</i> , 2016, 107, 734-745.	1.7	48
106	Comprehensive assay for the molecular profiling of cancer by target enrichment from formalin-fixed paraffin-embedded specimens. <i>Cancer Science</i> , 2019, 110, 1464-1479.	1.7	48
107	Human homolog of NOTUM, overexpressed in hepatocellular carcinoma, is regulated transcriptionally by β -catenin/TCF. <i>Cancer Science</i> , 2008, 99, 1139-1146.	1.7	47
108	The role of HGF/MET and FGF/FGFR in fibroblast-derived growth stimulation and lapatinib-resistance of esophageal squamous cell carcinoma. <i>BMC Cancer</i> , 2015, 15, 82.	1.1	47

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109	Genetic and epigenetic stability of oligodendrogliomas at recurrence. <i>Acta Neuropathologica Communications</i> , 2017, 5, 18.	2.4	47
110	Discovery of a new biomarker for gastroenterological cancers. <i>Journal of Gastroenterology</i> , 2005, 40, 1-6.	2.3	46
111	Human ROBO1 is cleaved by metalloproteinases and β -secretase and migrates to the nucleus in cancer cells. <i>FEBS Letters</i> , 2010, 584, 2909-2915.	1.3	46
112	Functions and regulation of MUC13 mucin in colon cancer cells. <i>Journal of Gastroenterology</i> , 2014, 49, 1378-1391.	2.3	45
113	IER5 generates a novel hypo-phosphorylated active form of HSF1 and contributes to tumorigenesis. <i>Scientific Reports</i> , 2016, 6, 19174.	1.6	44
114	Co-Activation of Epidermal Growth Factor Receptor and c-MET Defines a Distinct Subset of Lung Adenocarcinomas. <i>American Journal of Pathology</i> , 2010, 177, 2191-2204.	1.9	42
115	Genome-wide single-nucleotide polymorphism arrays in endometrial carcinomas associate extensive chromosomal instability with poor prognosis and unveil frequent chromosomal imbalances involved in the PI3-kinase pathway. <i>Oncogene</i> , 2010, 29, 1897-1908.	2.6	41
116	Increased Expression and Aberrant Localization of Mucin 13 in Metastatic Colon Cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 822-831.	1.3	41
117	Immunogenetic Profiling for Gastric Cancers Identifies Sulfated Glycosaminoglycans as Major and Functional B Cell Antigens in Human Malignancies. <i>Cell Reports</i> , 2017, 20, 1073-1087.	2.9	41
118	DNA Methylation Profiling of Embryonic Stem Cell Differentiation into the Three Germ Layers. <i>PLoS ONE</i> , 2011, 6, e26052.	1.1	41
119	Homozygously deleted gene DACH1 regulates tumor-initiating activity of glioma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12384-12389.	3.3	40
120	Proteomic Analysis of Native Hepatocyte Nuclear Factor-4 β (HNF4 β) Isoforms, Phosphorylation Status, and Interactive Cofactors. <i>Journal of Biological Chemistry</i> , 2011, 286, 674-686.	1.6	40
121	ASCL1-coexpression profiling but not single gene expression profiling defines lung adenocarcinomas of neuroendocrine nature with poor prognosis. <i>Lung Cancer</i> , 2012, 75, 119-125.	0.9	40
122	Histone demethylase KDM4C regulates sphere formation by mediating the cross talk between Wnt and Notch pathways in colonic cancer cells. <i>Carcinogenesis</i> , 2013, 34, 2380-2388.	1.3	40
123	Distinct molecular profile of diffuse cerebellar gliomas. <i>Acta Neuropathologica</i> , 2017, 134, 941-956.	3.9	40
124	Population-genetic nature of copy number variations in the human genome. <i>Human Molecular Genetics</i> , 2010, 19, 761-773.	1.4	39
125	Molecular Predictors of Sensitivity to the MET Inhibitor PHA665752 in Lung Carcinoma Cells. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1317-1324.	0.5	39
126	Epigenetic landscape influences the liver cancer genome architecture. <i>Nature Communications</i> , 2018, 9, 1643.	5.8	39

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127	Cell Type-specific Target Selection by Combinatorial Binding of Smad2/3 Proteins and Hepatocyte Nuclear Factor 4 β in HepG2 Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 29848-29860.	1.6	38
128	<scp>PHLDA</scp> 1, another <scp>PHLDA</scp> family protein that inhibits Akt. <i>Cancer Science</i> , 2018, 109, 3532-3542.	1.7	38
129	Integrated Copy Number and Expression Analysis Identifies Profiles of Whole-Arm Chromosomal Alterations and Subgroups with Favorable Outcome in Ovarian Clear Cell Carcinomas. <i>PLoS ONE</i> , 2015, 10, e0128066.	1.1	38
130	Microarray-based analysis for hepatocellular carcinoma: From gene expression profiling to new challenges. <i>World Journal of Gastroenterology</i> , 2007, 13, 1487.	1.4	38
131	Constitutive activation of β Met is correlated with β Met overexpression and dependent on cell-matrix adhesion in lung adenocarcinoma cell lines. <i>Cancer Science</i> , 2008, 99, 14-22.	1.7	36
132	Elevated expression and potential roles of human Sp5, a member of Sp transcription factor family, in human cancers. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 758-766.	1.0	35
133	Cardiac fibroblasts regulate the development of heart failure via Htra3-TGF- β 2-IGFBP7 axis. <i>Nature Communications</i> , 2022, 13, .	5.8	35
134	<i>ROBO1</i>, a tumor suppressor and critical molecular barrier for localized tumor cells to acquire invasive phenotype: Study in African-American and Caucasian prostate cancer models. <i>International Journal of Cancer</i> , 2014, 135, 2493-2506.	2.3	34
135	Identification of MYLK3 mutations in familial dilated cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 17495.	1.6	34
136	The FBXL10/KDM2B Scaffolding Protein Associates with Novel Polycomb Repressive Complex-1 to Regulate Adipogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 4163-4177.	1.6	33
137	Ras and TGF- β 2 signaling enhance cancer progression by promoting the β 63 transcriptional program. <i>Science Signaling</i> , 2016, 9, ra84.	1.6	33
138	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , 2017, 7, 6516.	1.6	31
139	DNA demethylation is associated with malignant progression of lower-grade gliomas. <i>Scientific Reports</i> , 2019, 9, 1903.	1.6	31
140	Defined lifestyle and germline factors predispose Asian populations to gastric cancer. <i>Science Advances</i> , 2020, 6, eaav9778.	4.7	31
141	Phosphoethanolamine Accumulation Protects Cancer Cells under Glutamine Starvation through Downregulation of PCYT2. <i>Cell Reports</i> , 2019, 29, 89-103.e7.	2.9	29
142	High-throughput single-molecule RNA imaging analysis reveals heterogeneous responses of cardiomyocytes to hemodynamic overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 128, 77-89.	0.9	28
143	Identification of chromosomal aberrations of metastatic potential in colorectal carcinoma. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 487-496.	1.5	26
144	High-density oligonucleotide array with sub-kilobase resolution reveals breakpoint information of submicroscopic deletions in nevoid basal cell carcinoma syndrome. <i>Human Genetics</i> , 2007, 122, 459-466.	1.8	25

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145	Impact of AAV2 and Hepatitis B Virus Integration Into Genome on Development of Hepatocellular Carcinoma in Patients with Prior Hepatitis B Virus Infection. <i>Clinical Cancer Research</i> , 2019, 25, 6217-6227.	3.2	24
146	The ALK-1/SMAD/ATOH8 axis attenuates hypoxic responses and protects against the development of pulmonary arterial hypertension. <i>Science Signaling</i> , 2019, 12, .	1.6	24
147	The frequency of neoantigens per somatic mutation rather than overall mutational load or number of predicted neoantigens per se is a prognostic factor in ovarian clear cell carcinoma. <i>Oncolmmunology</i> , 2017, 6, e1338996.	2.1	22
148	Comparative analysis of TTF α 1 binding DNA regions in small α cell lung cancer and non α small α cell lung cancer. <i>Molecular Oncology</i> , 2020, 14, 277-293.	2.1	22
149	Molecular targets for liver cancer therapy: From screening of target genes to clinical trials. <i>Hepatology Research</i> , 2010, 40, 49-60.	1.8	21
150	Base-Resolution Analysis of 5-Hydroxymethylcytosine by One-Pot Bisulfite-Free Chemical Conversion with Peroxotungstate. <i>Journal of the American Chemical Society</i> , 2016, 138, 14178-14181.	6.6	21
151	Stable knockdown of S100A4 suppresses cell migration and metastasis of osteosarcoma. <i>Tumor Biology</i> , 2011, 32, 611-622.	0.8	20
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