

# 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	Selective PPAR $\alpha$ Modulator Pemafibrate and Sodium-Glucose Cotransporter 2 Inhibitor Tofogliflozin Combination Treatment Improved Histopathology in Experimental Mice Model of Non-Alcoholic Steatohepatitis. <i>Cells</i> , 2022, 11, 720.	1.8	13
2	Engineered <i>Campylobacter jejuni</i> Cas9 variant with enhanced activity and broader targeting range. <i>Communications Biology</i> , 2022, 5, 211.	2.0	19
3	Functional Evaluation of Human Bioengineered Cardiac Tissue Using iPS Cells Derived from a Patient with Lamin Variant Dilated Cardiomyopathy. <i>International Heart Journal</i> , 2022, 63, 338-346.	0.5	5
4	OUP accepted manuscript. <i>Japanese Journal of Clinical Oncology</i> , 2022, , .	0.6	1
5	EPEN-27. Epigenetic dissection of spinal ependymomas (SP-EPN) separates tumors with and without <i>NF2</i> mutation. <i>Neuro-Oncology</i> , 2022, 24, i44-i45.	0.6	0
6	Cardiac fibroblasts regulate the development of heart failure via Htra3-TGF- $\beta$ <sup>2</sup> -IGFBP7 axis. <i>Nature Communications</i> , 2022, 13, .	5.8	35
7	Glutamine deficiency in solid tumor cells confers resistance to ribosomal RNA synthesis inhibitors. <i>Nature Communications</i> , 2022, 13, .	5.8	10
8	NFIA determines the cis-effect of genetic variation on <i>Ucp1</i> expression in murinethermogenic adipocytes. <i>IScience</i> , 2022, 25, 104729.	1.9	2
9	Base-resolution analysis of 5-hydroxymethylcytidine by selective oxidation and reverse transcription arrest. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6478-6486.	1.5	1
10	Single-Cardiomyocyte RNA Sequencing to Dissect the Molecular Pathophysiology of the Heart. <i>Methods in Molecular Biology</i> , 2021, 2320, 183-192.	0.4	1
11	Ubiquitination-dependent and -independent repression of target genes by SETDB1 reveal a context-dependent role for its methyltransferase activity during adipogenesis. <i>Genes To Cells</i> , 2021, 26, 513-529.	0.5	6
12	TET1 upregulation drives cancer cell growth through aberrant enhancer hydroxymethylation of HMGA2 in hepatocellular carcinoma. <i>Cancer Science</i> , 2021, 112, 2855-2869.	1.7	18
13	Molecular classification and diagnostics of upper urinary tract urothelial carcinoma. <i>Cancer Cell</i> , 2021, 39, 793-809.e8.	7.7	65
14	Genetic and epigenetic basis of hepatoblastoma diversity. <i>Nature Communications</i> , 2021, 12, 5423.	5.8	49
15	EPCO-01. MOLECULAR PROFILING OF SPINAL CORD EPENDYMOMA. <i>Neuro-Oncology</i> , 2021, 23, vi1-vi1.	0.6	0
16	Spatiotemporal dynamics of SETD5-containing NCoR-HDAC3 complex determines enhancer activation for adipogenesis. <i>Nature Communications</i> , 2021, 12, 7045.	5.8	10
17	Spinal solitary fibrous tumor of the neck: Next-generation sequencing-based analysis of genomic aberrations. <i>Auris Nasus Larynx</i> , 2020, 47, 1058-1063.	0.5	5
18	Comparative analysis of TTF $\alpha$ 1 binding DNA regions in small-cell lung cancer and non-small-cell lung cancer. <i>Molecular Oncology</i> , 2020, 14, 277-293.	2.1	22

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19	NFIA differentially controls adipogenic and myogenic gene program through distinct pathways to ensure brown and beige adipocyte differentiation. <i>PLoS Genetics</i> , 2020, 16, e1009044.	1.5	20
20	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
21	Defined lifestyle and germline factors predispose Asian populations to gastric cancer. <i>Science Advances</i> , 2020, 6, eaav9778.	4.7	31
22	Pemafibrate, a selective PPAR $\alpha$ modulator, prevents non-alcoholic steatohepatitis development without reducing the hepatic triglyceride content. <i>Scientific Reports</i> , 2020, 10, 7818.	1.6	60
23	Neoantigen load and HLA-class I expression identify a subgroup of tumors with a T-cell-inflamed phenotype and favorable prognosis in homologous recombination-proficient high-grade serous ovarian carcinoma. , 2020, 8, e000375.		14
24	Two distinct modes of DNMT1 recruitment ensure stable maintenance DNA methylation. <i>Nature Communications</i> , 2020, 11, 1222.	5.8	82
25	Accumulation of Molecular Aberrations Distinctive to Hepatocellular Carcinoma Progression. <i>Cancer Research</i> , 2020, 80, 3810-3819.	0.4	18
26	Spatial and temporal expansion of intrahepatic metastasis by molecularly defined clonality in multiple liver cancers. <i>Cancer Science</i> , 2020, 111, 601-609.	1.7	11
27	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
28	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
29	Quantification of DNA Damage in Heart Tissue as a Novel Prediction Tool for Therapeutic Prognosis of Patients With Dilated Cardiomyopathy. <i>JACC Basic To Translational Science</i> , 2019, 4, 670-680.	1.9	20
30	LYAR potentiates rRNA synthesis by recruiting BRD2/4 and the MYST-type acetyltransferase KAT7 to rDNA. <i>Nucleic Acids Research</i> , 2019, 47, 10357-10372.	6.5	16
31	Phosphoethanolamine Accumulation Protects Cancer Cells under Glutamine Starvation through Downregulation of PCYT2. <i>Cell Reports</i> , 2019, 29, 89-103.e7.	2.9	29
32	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
33	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
34	DNA demethylation is associated with malignant progression of lower-grade gliomas. <i>Scientific Reports</i> , 2019, 9, 1903.	1.6	31
35	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
36	A genome-scale CRISPR/Cas9 knockout screening reveals SH3D21 as a sensitizer for gemcitabine. <i>Scientific Reports</i> , 2019, 9, 19188.	1.6	8

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37	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
38	EZH2 regulates neuroblastoma cell differentiation via NTRK1 promoter epigenetic modifications. <i>Oncogene</i> , 2018, 37, 2714-2727.	2.6	59
39	Genome-wide analysis revealed that DZNep reduces tubulointerstitial fibrosis via down-regulation of pro-fibrotic genes. <i>Scientific Reports</i> , 2018, 8, 3779.	1.6	17
40	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
41	Epigenetic landscape influences the liver cancer genome architecture. <i>Nature Communications</i> , 2018, 9, 1643.	5.8	39
42	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
43	JUNB governs a feed-forward network of TGF $\beta$ <sup>2</sup> signaling that aggravates breast cancer invasion. <i>Nucleic Acids Research</i> , 2018, 46, 1180-1195.	6.5	77
44	High expression of ABCG2 induced by EZH2 disruption has pivotal roles in MDS pathogenesis. <i>Leukemia</i> , 2018, 32, 419-428.	3.3	8
45	1429Single-cell analysis of non-cardiomyocytes in heart reveals a critical regulator of cardiac homeostasis. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
46	Downregulation of ERG and FLI1 expression in endothelial cells triggers endothelial-to-mesenchymal transition. <i>PLoS Genetics</i> , 2018, 14, e1007826.	1.5	54
47	<scp>PHLDA</scp> 1, another <scp>PHLDA</scp> family protein that inhibits Akt. <i>Cancer Science</i> , 2018, 109, 3532-3542.	1.7	38
48	Cardiomyocyte gene programs encoding morphological and functional signatures in cardiac hypertrophy and failure. <i>Nature Communications</i> , 2018, 9, 4435.	5.8	201
49	Engineered CRISPR-Cas9 nuclease with expanded targeting space. <i>Science</i> , 2018, 361, 1259-1262.	6.0	783
50	A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer. <i>Nature Communications</i> , 2018, 9, 2884.	5.8	82
51	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
52	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
53	Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. <i>Cell</i> , 2017, 169, 1327-1341.e23.	13.5	1,794
54	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

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55	Genetic and epigenetic stability of oligodendrogliomas at recurrence. <i>Acta Neuropathologica Communications</i> , 2017, 5, 18.	2.4	47
56	Distinct molecular profile of diffuse cerebellar gliomas. <i>Acta Neuropathologica</i> , 2017, 134, 941-956.	3.9	40
57	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , 2017, 7, 6516.	1.6	31
58	NFIA co-localizes with PPAR $\beta$ and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , 2017, 19, 1081-1092.	4.6	73
59	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
60	Identification of MYLK3 mutations in familial dilated cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 17495.	1.6	34
61	IER5 generates a novel hypo-phosphorylated active form of HSF1 and contributes to tumorigenesis. <i>Scientific Reports</i> , 2016, 6, 19174.	1.6	44
62	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
63	Hypoxia-Inducible Factor-1 $\alpha$ Activates the Transforming Growth Factor- $\beta$ /SMAD3 Pathway in Kidney Tubular Epithelial Cells. <i>American Journal of Nephrology</i> , 2016, 44, 276-285.	1.4	54
64	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
65	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
66	Ras and TGF- $\beta$ signaling enhance cancer progression by promoting the Np63 transcriptional program. <i>Science Signaling</i> , 2016, 9, ra84.	1.6	33
67	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
68	Network-based analysis for identification of candidate genes for colorectal cancer progression. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 534-540.	1.0	12
69	BMP Sustains Embryonic Stem Cell Self-Renewal through Distinct Functions of Different Kr $\zeta$ 4ppel-like Factors. <i>Stem Cell Reports</i> , 2016, 6, 64-73.	2.3	61
70	Integrated Multiregional Analysis Proposing a New Model of Colorectal Cancer Evolution. <i>PLoS Genetics</i> , 2016, 12, e1005778.	1.5	134
71	Identification of Novel HLA-A*24:02-Restricted Epitope Derived from a Homeobox Protein Expressed in Hematological Malignancies. <i>PLoS ONE</i> , 2016, 11, e0146371.	1.1	6
72	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

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73	A newly developed anti-Mucin 13 monoclonal antibody targets pancreatic ductal adenocarcinoma cells. <i>International Journal of Oncology</i> , 2015, 46, 1781-1787.	1.4	19
74	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. <i>Nature Communications</i> , 2015, 6, 7557.	5.8	149
75	A C-terminal mutant of CCAAT-enhancer-binding protein 1 (C/EBP1-Cm) downregulates Csf1r, a potent accelerator in the progression of acute myeloid leukemia with C/EBP1-Cm. <i>Experimental Hematology</i> , 2015, 43, 300-308.e1.	0.2	9
76	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
77	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
78	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
79	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
80	Landscape of genetic lesions in 944 patients with myelodysplastic syndromes. <i>Leukemia</i> , 2014, 28, 241-247.	3.3	1,291
81	ROBO1, 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
82	Transforming growth factor- $\beta$ -induced lncRNA Smad7 inhibits apoptosis of mouse breast cancer JyMC(A) cells. <i>Cancer Science</i> , 2014, 105, 974-982.	1.7	65
83	EV11 oncogene promotes KRAS pathway through suppression of microRNA-96 in pancreatic carcinogenesis. <i>Oncogene</i> , 2014, 33, 2454-2463.	2.6	52
84	H3F3A K27M mutations in thalamic gliomas from young adult patients. <i>Neuro-Oncology</i> , 2014, 16, 140-146.	0.6	151
85	Recurrent gain-of-function mutations of RHOA in diffuse-type gastric carcinoma. <i>Nature Genetics</i> , 2014, 46, 583-587.	9.4	436
86	Mutational Analysis Reveals the Origin and Therapy-Driven Evolution of Recurrent Glioma. <i>Science</i> , 2014, 343, 189-193.	6.0	1,147
87	Trans-ancestry mutational landscape of hepatocellular carcinoma genomes. <i>Nature Genetics</i> , 2014, 46, 1267-1273.	9.4	655
88	Functions and regulation of MUC13 mucin in colon cancer cells. <i>Journal of Gastroenterology</i> , 2014, 49, 1378-1391.	2.3	45
89	Exploration of liver cancer genomes. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 340-349.	8.2	168
90	Non-diethylstilbestrol exposed vaginal clear cell adenocarcinoma has a common molecular profile with ovarian clear cell adenocarcinoma: A case report. <i>Gynecologic Oncology Reports</i> , 2014, 10, 49-52.	0.3	7

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91	<scp>GATA</scp> factor switching from <scp>GATA</scp>2 to <scp>GATA</scp>1 contributes to erythroid differentiation. <i>Genes To Cells</i> , 2013, 18, 921-933.	0.5	62
92	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
93	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
94	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
95	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
96	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
97	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
98	MUC13 Mucin Augments Pancreatic Tumorigenesis. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 24-33.	1.9	81
99	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
100	Genome-Wide Single Nucleotide Polymorphism Arrays as a Diagnostic Tool in Patients With Synchronous Endometrial and Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2012, 22, 725-731.	1.2	12
101	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
102	TNF $\pm$ signals through specialized factories where responsive coding and miRNA genes are transcribed. <i>EMBO Journal</i> , 2012, 31, 4404-4414.	3.5	122
103	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
104	Angiotensin receptor 1 blocker valsartan normalizes gene expression profiles of 3T3-L1 adipocytes altered by co-culture with LPS-treated RAW264.7 macrophages. <i>Obesity Research and Clinical Practice</i> , 2012, 6, e288-e297.	0.8	2
105	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
106	Identification of a link between Wnt/ $\beta$ 2-catenin signalling and the cell fusion pathway. <i>Nature Communications</i> , 2011, 2, 548.	5.8	88
107	High-resolution characterization of a hepatocellular carcinoma genome. <i>Nature Genetics</i> , 2011, 43, 464-469.	9.4	265
108	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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109	Cell Type-specific Target Selection by Combinatorial Binding of Smad2/3 Proteins and Hepatocyte Nuclear Factor 4 $\beta$ in HepG2 Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 29848-29860.	1.6	38
110	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
111	Tissue-specific demethylation in CpG-poor promoters during cellular differentiation. <i>Human Molecular Genetics</i> , 2011, 20, 2710-2721.	1.4	66
112	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
113	Proteomic Analysis of Native Hepatocyte Nuclear Factor-4 $\beta$ (HNF4 $\beta$ ) Isoforms, Phosphorylation Status, and Interactive Cofactors. <i>Journal of Biological Chemistry</i> , 2011, 286, 674-686.	1.6	40
114	Epigenetically coordinated GATA2 binding is necessary for endothelium-specific endomucin expression. <i>EMBO Journal</i> , 2011, 30, 2582-2595.	3.5	68
115	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
116	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
117	DNA Methylation Profiling of Embryonic Stem Cell Differentiation into the Three Germ Layers. <i>PLoS ONE</i> , 2011, 6, e26052.	1.1	41
118	Human ROBO1 is cleaved by metalloproteinases and $\beta$ -secretase and migrates to the nucleus in cancer cells. <i>FEBS Letters</i> , 2010, 584, 2909-2915.	1.3	46
119	Identification of chromosomal aberrations of metastatic potential in colorectal carcinoma. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 487-496.	1.5	26
120	Identification of genes preferentially methylated in hepatitis C virus-related hepatocellular carcinoma. <i>Cancer Science</i> , 2010, 101, 1501-1510.	1.7	99
121	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
122	International network of cancer genome projects. <i>Nature</i> , 2010, 464, 993-998.	13.7	2,114
123	Three DNA Methylation Epigenotypes in Human Colorectal Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 21-33.	3.2	207
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	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

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127	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
128	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
129	The Peroxisome Proliferator-Activated Receptor $\beta$ /Retinoid X Receptor $\alpha$ 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
130	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
131	COUP-TFII acts downstream of Wnt/ $\beta$ -catenin signal to silence PPAR $\beta$ 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
132	T-Cell Suppression by Programmed Cell Death 1 Ligand 1 on Retinal Pigment Epithelium during Inflammatory Conditions. , 2009, 50, 2862.		77
133	Expression and Functions of Transmembrane Mucin MUC13 in Ovarian Cancer. <i>Cancer Research</i> , 2009, 69, 765-774.	0.4	102
134	Allelic imbalances and homozygous deletion on 8p23.2 for stepwise progression of hepatocarcinogenesis. <i>Hepatology</i> , 2009, 49, 513-522.	3.6	75
135	Glypican 3-expressing gastric carcinoma: Distinct subgroup unifying hepatoid, clear-cell, and $\alpha$ -fetoprotein-producing gastric carcinomas. <i>Cancer Science</i> , 2009, 100, 626-632.	1.7	85
136	Promoter-wide analysis of Smad4 binding sites in human epithelial cells. <i>Cancer Science</i> , 2009, 100, 2133-2142.	1.7	61
137	Glypican-3 expression in clear cell adenocarcinoma of the ovary. <i>Modern Pathology</i> , 2009, 22, 824-832.	2.9	121
138	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
139	Chromatin Immunoprecipitation on Microarray Analysis of Smad2/3 Binding Sites Reveals Roles of ETS1 and TFAP2A in Transforming Growth Factor $\beta$ Signaling. <i>Molecular and Cellular Biology</i> , 2009, 29, 172-186.	1.1	179
140	Constitutive activation of c-Met is correlated with c-Met overexpression and dependent on cell-matrix adhesion in lung adenocarcinoma cell lines. <i>Cancer Science</i> , 2008, 99, 14-22.	1.7	36
141	Cohesin mediates transcriptional insulation by CCCTC-binding factor. <i>Nature</i> , 2008, 451, 796-801.	13.7	1,050
142	Human homolog of NOTUM, overexpressed in hepatocellular carcinoma, is regulated transcriptionally by $\beta$ -catenin/TCF. <i>Cancer Science</i> , 2008, 99, 1139-1146.	1.7	47
143	Anti-Glypican 3 Antibody as a Potential Antitumor Agent for Human Liver Cancer. <i>Cancer Research</i> , 2008, 68, 9832-9838.	0.4	152
144	Identification of Glypican3 as a novel GLUT4-binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1204-1208.	1.0	11

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145	Retinal Pigment Epithelium-Derived CTLA-2 $\hat{I}$ ± Induces TGF $\hat{I}$ ²-Producing T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 181, 7525-7536.	0.4	106
146	Screening of liver-targeted drugs. <i>Expert Opinion on Drug Discovery</i> , 2008, 3, 643-654.	2.5	3
147	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
148	Transforming Growth Factor- $\hat{I}$ ² Promotes Survival of Mammary Carcinoma Cells through Induction of Antiapoptotic Transcription Factor DEC1. <i>Cancer Research</i> , 2007, 67, 9694-9703.	0.4	90
149	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
150	<i>Helicobacter pylori</i> CagA interacts with E-cadherin and deregulates the $\hat{I}$ ²-catenin signal that promotes intestinal transdifferentiation in gastric epithelial cells. <i>Oncogene</i> , 2007, 26, 4617-4626.	2.6	401
151	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
152	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
153	Genomic Approach for the Understanding of Dynamic Aspect of Chromosome Behavior. <i>Methods in Enzymology</i> , 2006, 409, 389-410.	0.4	60
154	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
155	Identification and characterization of lin-28 homolog B (LIN28B) in human hepatocellular carcinoma. <i>Gene</i> , 2006, 384, 51-61.	1.0	272
156	Hepatocellular oncofetal protein, glypican 3 is a sensitive marker for $\hat{I}$ -fetoprotein-producing gastric carcinoma. <i>Histopathology</i> , 2006, 49, 479-486.	1.6	65
157	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
158	Molecular karyotyping of human hepatocellular carcinoma using single-nucleotide polymorphism arrays. <i>Oncogene</i> , 2006, 25, 5581-5590.	2.6	94
159	High-resolution mapping of DNA methylation in human genome using oligonucleotide tiling array. <i>Human Genetics</i> , 2006, 120, 701-711.	1.8	56
160	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
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	Overexpression of MUC13 is associated with intestinal-type gastric cancer. <i>Cancer Science</i> , 2005, 96, 265-273.	1.7	67
164	The glypican 3 oncofetal protein is a promising diagnostic marker for hepatocellular carcinoma. <i>Modern Pathology</i> , 2005, 18, 1591-1598.	2.9	317
165	Discovery of a new biomarker for gastroenterological cancers. <i>Journal of Gastroenterology</i> , 2005, 40, 1-6.	2.3	46
166	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
167	Allelic dosage analysis with genotyping microarrays. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1309-1314.	1.0	73
168	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
169	Distinct Chromosomal Bias of Gene Expression Signatures in the Progression of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2004, 64, 7263-7270.	0.4	53
170	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
171	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
172	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
173	Two distinct gene expression signatures in pediatric acute lymphoblastic leukemia with MLL rearrangements. <i>Cancer Research</i> , 2003, 63, 4882-7.	0.4	56
174	An opposing view on WWOX protein function as a tumor suppressor. <i>Cancer Research</i> , 2003, 63, 8629-33.	0.4	72
175	Understanding cancer through gene expression profiling. <i>International Congress Series</i> , 2002, 1246, 261-270.	0.2	0
176	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
177	Distinction in gene expression profiles of oligodendrogliomas with and without allelic loss of 1p. <i>Oncogene</i> , 2002, 21, 3961-3968.	2.6	80
178	Global gene expression analysis of gastric cancer by oligonucleotide microarrays. <i>Cancer Research</i> , 2002, 62, 233-40.	0.4	275
179	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
180	Direct Comparison of GeneChip and SAGE on the Quantitative Accuracy in Transcript Profiling Analysis. <i>Genomics</i> , 2000, 68, 136-143.	1.3	191

#	ARTICLE	IF	CITATIONS
181	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
182	New DNA polymorphisms of humanMMH/OGG1 gene: Prevalence of one polymorphism among lung-adenocarcinoma patients in Japanese. , 1999, 80, 18-21.		59
183	New DNA polymorphisms of human MMHOGG1 gene: Prevalence of one polymorphism among lung-adenocarcinoma patients in Japanese. <i>International Journal of Cancer</i> , 1999, 80, 18-21.	2.3	5
184	Mitochondrial targeting of human DNA glycosylases for repair of oxidative DNA damage. <i>Nucleic Acids Research</i> , 1998, 26, 2917-2922.	6.5	259
185	A role for macrophage scavenger receptors in atherosclerosis and susceptibility to infection. <i>Nature</i> , 1997, 386, 292-296.	13.7	1,127
186	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
187	Deoxyribonucleic acid(DNA) polymorphism in the apolipoprotein AI gene. A study in a Japanese population.. <i>Japanese Journal of Medicine</i> , 1988, 27, 56-59.	0.1	5
188	PRIMARY INTRAHEPATIC SCLEROSING CHOLANGITIS WITH INFLAMMATORY BOWEL DISEASE. <i>Pathology International</i> , 1987, 37, 1637-1643.	0.6	2
189	A Case of Diabetes Mellitus Associated with Marked Hyper-HDL-cholesterolemia. <i>The Journal of Japan Atherosclerosis Society</i> , 1987, 15, 1023-1031.	0.0	0
190	Characterization of Acetyl Low-density Lipoprotein Receptor from Rat Liver. <i>The Journal of Japan Atherosclerosis Society</i> , 1986, 14, 1097-1102.	0.0	0
191	Familial Hyper-Alpha-Lipoproteinemia with a Decreased Activity of Hepatic Triglyceride Lipase. <i>The Journal of Japan Atherosclerosis Society</i> , 1984, 12, 103-105.	0.0	0
192	A CASE OF HODGKIN'S DISEASE SUSPECTED OF COMPLICATING CEREBRAL ANGIITIS. <i>The Journal of the Japanese Society of Internal Medicine</i> , 1983, 72, 327-332.	0.0	4