Yoichi Furukawa

List of Publications by Year
in descending order

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76 papers	5,038 citations	172386 29 h-index	95218 68 g-index
79 all docs	79 docs citations	79 times ranked	7188 citing authors

#	Article	IF	Citations
1	AXIN1 mutations in hepatocellular carcinomas, and growth suppression in cancer cells by virus-mediated transfer of AXIN1. Nature Genetics, 2000, 24, 245-250.	9.4	919
2	SMYD3 encodes a histone methyltransferase involved in the proliferation of cancer cells. Nature Cell Biology, 2004, 6, 731-740.	4.6	665
3	Overview of the BioBank Japan Project: Study design and profile. Journal of Epidemiology, 2017, 27, S2-S8.	1.1	451
4	Enhanced SMYD3 expression is essential for the growth of breast cancer cells. Cancer Science, 2006, 97, 113-118.	1.7	246
5	Genome-wide cDNA microarray analysis of gene expression profiles in pancreatic cancers using populations of tumor cells and normal ductal epithelial cells selected for purity by laser microdissection. Oncogene, 2004, 23, 2385-2400.	2.6	235
6	Senolysis by glutaminolysis inhibition ameliorates various age-associated disorders. Science, 2021, 371, 265-270.	6.0	222
7	Molecular diagnosis of colorectal tumors by expression profiles of 50 genes expressed differentially in adenomas and carcinomas. Oncogene, 2002, 21, 4120-4128.	2.6	178
8	The Lysine 831 of Vascular Endothelial Growth Factor Receptor 1 Is a Novel Target of Methylation by SMYD3. Cancer Research, 2007, 67, 10759-10765.	0.4	150
9	Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. Journal of Epidemiology, 2017, 27, S9-S21.	1.1	133
10	Genome-wide analysis of gene expression in intestinal-type gastric cancers using a complementary DNA microarray representing 23,040 genes. Cancer Research, 2002, 62, 7012-7.	0.4	133
11	Genome-wide analysis of gene expression in human intrahepatic cholangiocarcinoma. Hepatology, 2005, 41, 1339-1348.	3.6	124
12	Comparison of gene expression profiles betweenOpisthorchis viverriniandnon-Opisthorchis viverriniassociated human intrahepatic cholangiocarcinoma. Hepatology, 2006, 44, 1025-1038.	3.6	114
13	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16high Cells InÂVivo. Cell Metabolism, 2020, 32, 814-828.e6.	7.2	93
14	Identification of AXUD1, a novel human gene induced by AXIN1 and its reduced expression in human carcinomas of the lung, liver, colon and kidney. Oncogene, 2001, 20, 5062-5066.	2.6	64
15	Smyd3 Is Required for the Development of Cardiac and Skeletal Muscle in Zebrafish. PLoS ONE, 2011, 6, e23491.	1.1	63
16	Isolation of a novel human gene, APCDD1, as a direct target of the beta-Catenin/T-cell factor 4 complex with probable involvement in colorectal carcinogenesis. Cancer Research, 2002, 62, 5651-6.	0.4	62
17	Molecular profiles of highâ€grade and lowâ€grade pseudomyxoma peritonei. Cancer Medicine, 2015, 4, 1809-1816.	1.3	60
18	A novel mouse model of intrahepatic cholangiocarcinoma induced by liver-specific Kras activation and Pten deletion. Scientific Reports, 2016, 6, 23899.	1.6	60

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19	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. Nature Communications, 2021, 12, 1826.	5.8	54
20	Metagenome Data on Intestinal Phage-Bacteria Associations Aids the Development of Phage Therapy against Pathobionts. Cell Host and Microbe, 2020, 28, 380-389.e9.	5.1	51
21	Overview of BioBank Japan follow-up data in 32 diseases. Journal of Epidemiology, 2017, 27, S22-S28.	1.1	47
22	Pharmacogenetic Discovery in CALGB (Alliance) 90401 and Mechanistic Validation of a VAC14 Polymorphism that Increases Risk of Docetaxel-Induced Neuropathy. Clinical Cancer Research, 2016, 22, 4890-4900.	3.2	46
23	Enhanced Expression of RAD51 Associating Protein-1 Is Involved in the Growth of Intrahepatic Cholangiocarcinoma Cells. Clinical Cancer Research, 2008, 14, 1333-1339.	3.2	45
24	Functional Restoration of Bacteriomes and Viromes by Fecal Microbiota Transplantation. Gastroenterology, 2021, 160, 2089-2102.e12.	0.6	45
25	Mutations in Zinc-binding Domains of p53 as a Prognostic Marker of Esophageal-cancer Patients. Japanese Journal of Cancer Research, 2000, 91, 190-198.	1.7	39
26	Fbxo22-mediated KDM4B degradation determines selective estrogen receptor modulator activity in breast cancer. Journal of Clinical Investigation, 2018, 128, 5603-5619.	3.9	39
27	Detection of APC mosaicism by next-generation sequencing in an FAP patient. Journal of Human Genetics, 2015, 60, 227-231.	1.1	33
28	Isolation and Characterization of HumanNBL4, a Gene Involved in the Î²-Catenin/Tcf Signaling Pathway. Japanese Journal of Cancer Research, 2000, 91, 597-603.	1.7	32
29	Measles virus selectively blind to signaling lymphocyte activity molecule has oncolytic efficacy against nectinâ€4â€expressing pancreatic cancer cells. Cancer Science, 2016, 107, 1647-1652.	1.7	32
30	Overexpression of Peptidyl-Prolyl Isomerase-Like 1 Is Associated with the Growth of Colon Cancer Cells. Clinical Cancer Research, 2006, 12, 70-76.	3.2	29
31	Isolation of LEM domain-containing 1, a novel testis-specific gene expressed in colorectal cancers. Oncology Reports, 2004, 12, 275-80.	1.2	29
32	Comparison of clinical features between suspected familial colorectal cancer type X and Lynch syndrome in Japanese patients with colorectal cancer: a cross-sectional study conducted by the Japanese Society for Cancer of the Colon and Rectum. Japanese Journal of Clinical Oncology, 2015, 45, 153-159.	0.6	28
33	Anti-apoptotic effect by the suppression of IRF1 as a downstream of Wnt/Î²-catenin signaling in colorectal cancer cells. Oncogene, 2019, 38, 6051-6064.	2.6	26
34	Identification of Two Wnt-Responsive Elements in the Intron of RING Finger Protein 43 (RNF43) Gene. PLoS ONE, 2014, 9, e86582.	1.1	23
35	SMYD3 interacts with HTLVâ€1 Tax and regulates subcellular localization of Tax. Cancer Science, 2011, 102, 260-266.	1.7	22
36	Epigenetic traits inscribed in chromatin accessibility in aged hematopoietic stem cells. Nature Communications, 2022, 13, 2691.	5.8	22

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37	Oncolytic Activity of a Recombinant Measles Virus, Blind to Signaling Lymphocyte Activation Molecule, Against Colorectal Cancer Cells. Scientific Reports, 2016, 6, 24572.	1.6	21
38	Overexpression of Cohesion Establishment Factor DSCC1 through E2F in Colorectal Cancer. PLoS ONE, 2014, 9, e85750.	1.1	21
39	Anti-TLR7 Antibody Protects Against Lupus Nephritis in NZBWF1 Mice by Targeting B Cells and Patrolling Monocytes. Frontiers in Immunology, 2021, 12, 777197.	2.2	21
40	EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. Scientific Reports, 2020, 10, 9275.	1.6	18
41	Decreased expression of interferon-induced protein 2 (IFIT2) by Wnt/Î²-catenin signaling confers anti-apoptotic properties to colorectal cancer cells. Oncotarget, 2017, 8, 100176-100186.	0.8	18
42	Reduced expression of APC-1B but not APC-1A by the deletion of promoter 1B is responsible for familial adenomatous polyposis. Scientific Reports, 2016, 6, 26011.	1.6	17
43	Halcyon: an accurate basecaller exploiting an encoderâ€“decoder model with monotonic attention. Bioinformatics, 2021, 37, 1211-1217.	1.8	17
44	Late Cornified Envelope Group I, a Novel Target of p53, Regulates PRMT5 Activity. Neoplasia, 2014, 16, 656-664.	2.3	16
45	Genetic alterations in Japanese extrahepatic biliary tract cancer. Oncology Letters, 2017, 14, 877-884.	0.8	16
46	Alcohol consumption and early-onset risk of colorectal cancer in Japanese patients with Lynch syndrome: a cross-sectional study conducted by the Japanese Society for Cancer of the Colon and Rectum. Surgery Today, 2018, 48, 810-814.	0.7	16
47	Importance of gastric cancer for the diagnosis and surveillance of Japanese Lynch syndrome patients. Journal of Human Genetics, 2019, 64, 1187-1194.	1.1	16
48	Enhancement of Migration and Invasion of Gastric Cancer Cells by IQGAP3. Biomolecules, 2020, 10, 1194.	1.8	16
49	TP53/p53-FBXO22-TFEB controls basal autophagy to govern hormesis. Autophagy, 2021, 17, 3776-3793.	4.3	15
50	Enhanced RASGEF1A Expression Is Involved in the Growth and Migration of Intrahepatic Cholangiocarcinoma. Clinical Cancer Research, 2006, 12, 6611-6616.	3.2	13
51	Determination of splice-site mutations in Lynch syndrome (hereditary non-polyposis colorectal) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	13
52	Genomic Analysis of Germline Variation Associated with Survival of Patients with Colorectal Cancer Treated with Chemotherapy Plus Biologics in CALGB/SWOG 80405 (Alliance). Clinical Cancer Research, 2021, 27, 267-275.	3.2	13
53	MRGâ€binding protein contributes to colorectal cancer development. Cancer Science, 2011, 102, 1486-1492.	1.7	12
54	Application of targeted nanopore sequencing for the screening and determination of structural variants in patients with Lynch syndrome. Journal of Human Genetics, 2021, 66, 1053-1060.	1.1	12

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55	Discovery of chemical probes that suppress Wnt/Î²â€catenin signaling through highâ€throughput screening. Cancer Science, 2020, 111, 783-794.	1.7	11
56	Relationship between smoking and multiple colorectal cancers in patients with Japanese Lynch syndrome: a cross-sectional study conducted by the Japanese Society for Cancer of the Colon and Rectum. Japanese Journal of Clinical Oncology, 2015, 45, 307-310.	0.6	9
57	Bidirectional reporter assay using HAL promoter and TOPFLASH improves specificity in highâ€throughput screening of Wnt inhibitors. Biotechnology and Bioengineering, 2017, 114, 2868-2882.	1.7	9
58	Establishment and analysis of a novel mouse line carrying a conditional knockin allele of a cancer-specific FBXW7 mutation. Scientific Reports, 2018, 8, 2021.	1.6	9
59	Isolation and characterization of a human cDNA homologous to the Xenopus laevis XCAP-C gene belonging to the structural maintenance of chromosomes (SMC) family. Journal of Human Genetics, 1999, 44, 197-202.	1.1	8
60	Identification of <scp>FERM</scp> domainâ€containing protein 5 as a novel target of Î²â€catenin/<scp>TCF</scp>7L2 complex. Cancer Science, 2017, 108, 612-619.	1.7	8
61	Efficacy of the novel tubulin polymerization inhibitor PTCâ€028 for myelodysplastic syndrome. Cancer Science, 2020, 111, 4336-4347.	1.7	8
62	A novel APC mosaicism in a patient with familial adenomatous polyposis. Human Genome Variation, 2015, 2, 15057.	0.4	7
63	Efficacy of liquidâ€based genetic diagnosis of endometrial cancer. Cancer Science, 2018, 109, 4025-4032.	1.7	7
64	Development of an MSI-positive colon tumor with aberrant DNA methylation in a PPAP patient. Journal of Human Genetics, 2019, 64, 729-740.	1.1	7
65	Comprehensive molecular analysis of genomic profiles and PD-L1 expression in lung adenocarcinoma with a high-grade fetal adenocarcinoma component. Translational Lung Cancer Research, 2021, 10, 1292-1304.	1.3	7
66	Aberrant splicing caused by a MLH1 splice donor site mutation found in a young Japanese patient with Lynch syndrome. Familial Cancer, 2012, 11, 559-564.	0.9	6
67	Attenuated familial adenomatous polyposis with desmoids caused by an APC mutation. Human Genome Variation, 2015, 2, 15011.	0.4	6
68	Pseudomyxoma peritonei of a mature ovarian teratoma caused by mismatch repair deficiency in a patient with Lynch syndrome: a case report. BMC Medical Genetics, 2016, 17, 94.	2.1	6
69	Causes of Cancer Death Among First-Degree Relatives in Japanese Families with Lynch Syndrome. Anticancer Research, 2016, 36, 1985-9.	0.5	6
70	Cancer-associated IDH mutations induce Glut1 expression and glucose metabolic disorders through a PI3K/Akt/mTORC1-Hif1Î± axis. PLoS ONE, 2021, 16, e0257090.	1.1	5
71	Robust parameter design of human induced pluripotent stem cell differentiation protocols defines lineage-specific induction of anterior-posterior gut tube endodermal cells. Stem Cells, 2021, 39, 429-442.	1.4	5
72	Insufficiency of non-canonical PRC1 synergizes with JAK2V617F in the development of myelofibrosis. Leukemia, 2021, , .	3.3	4

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73	Motile sperm domain containing 1 is upregulated by the Wnt/Î²â€‘catenin signaling pathway in colorectal cancer. Oncology Letters, 2022, 24, .	0.8	2
74	Response to the correspondence referring to our article â€œDevelopment of an MSI-positive colon tumor with aberrant DNA methylation in a PPAP patientâ€•by Pilar Mur, Claire Palles, Ian Tomlinson, Laura Valle. Journal of Human Genetics, 2020, 65, 515-516.	1.1	1
75	A genome-wide association study (GWAS) of overall survival (OS) in 609 metastatic colorectal cancer (mCRC) patients treated with chemotherapy and biologics in CALGB 80405.. Journal of Clinical Oncology, 2015, 33, 3599-3599.	0.8	1
76	Implementation of genomic medicine for gastrointestinal tumors. Annals of Gastroenterological Surgery, 2018, 2, 246-252.	1.2	0