

Yoichi Furukawa

List of Publications by Year in descending order

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76
papers

5,038
citations

172457

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95266

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docs citations

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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. <i>Nature Genetics</i> , 2000, 24, 245-250.	21.4	919
2	SMYD3 encodes a histone methyltransferase involved in the proliferation of cancer cells. <i>Nature Cell Biology</i> , 2004, 6, 731-740.	10.3	665
3	Overview of the BioBank Japan Project: Study design and profile. <i>Journal of Epidemiology</i> , 2017, 27, S2-S8.	2.4	451
4	Enhanced SMYD3 expression is essential for the growth of breast cancer cells. <i>Cancer Science</i> , 2006, 97, 113-118.	3.9	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. <i>Oncogene</i> , 2004, 23, 2385-2400.	5.9	235
6	Senolysis by glutaminolysis inhibition ameliorates various age-associated disorders. <i>Science</i> , 2021, 371, 265-270.	12.6	222
7	Molecular diagnosis of colorectal tumors by expression profiles of 50 genes expressed differentially in adenomas and carcinomas. <i>Oncogene</i> , 2002, 21, 4120-4128.	5.9	178
8	The Lysine 831 of Vascular Endothelial Growth Factor Receptor 1 Is a Novel Target of Methylation by SMYD3. <i>Cancer Research</i> , 2007, 67, 10759-10765.	0.9	150
9	Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. <i>Journal of Epidemiology</i> , 2017, 27, S9-S21.	2.4	133
10	Genome-wide analysis of gene expression in intestinal-type gastric cancers using a complementary DNA microarray representing 23,040 genes. <i>Cancer Research</i> , 2002, 62, 7012-7.	0.9	133
11	Genome-wide analysis of gene expression in human intrahepatic cholangiocarcinoma. <i>Hepatology</i> , 2005, 41, 1339-1348.	7.3	124
12	Comparison of gene expression profiles between <i>Opisthorchis viverrini</i> and non- <i>Opisthorchis viverrini</i> associated human intrahepatic cholangiocarcinoma. <i>Hepatology</i> , 2006, 44, 1025-1038.	7.3	114
13	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16 ^{high} Cells In Vivo. <i>Cell Metabolism</i> , 2020, 32, 814-828.e6.	16.2	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. <i>Oncogene</i> , 2001, 20, 5062-5066.	5.9	64
15	Smyd3 Is Required for the Development of Cardiac and Skeletal Muscle in Zebrafish. <i>PLoS ONE</i> , 2011, 6, e23491.	2.5	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. <i>Cancer Research</i> , 2002, 62, 5651-6.	0.9	62
17	Molecular profiles of high-grade and low-grade pseudomyxoma peritonei. <i>Cancer Medicine</i> , 2015, 4, 1809-1816.	2.8	60
18	A novel mouse model of intrahepatic cholangiocarcinoma induced by liver-specific Kras activation and Pten deletion. <i>Scientific Reports</i> , 2016, 6, 23899.	3.3	60

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19	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. <i>Nature Communications</i> , 2021, 12, 1826.	12.8	54
20	Metagenome Data on Intestinal Phage-Bacteria Associations Aids the Development of Phage Therapy against Pathobionts. <i>Cell Host and Microbe</i> , 2020, 28, 380-389.e9.	11.0	51
21	Overview of BioBank Japan follow-up data in 32 diseases. <i>Journal of Epidemiology</i> , 2017, 27, S22-S28.	2.4	47
22	Pharmacogenetic Discovery in CALGB (Alliance) 90401 and Mechanistic Validation of a <i>VAC14</i> Polymorphism that Increases Risk of Docetaxel-Induced Neuropathy. <i>Clinical Cancer Research</i> , 2016, 22, 4890-4900.	7.0	46
23	Enhanced Expression of RAD51 Associating Protein-1 Is Involved in the Growth of Intrahepatic Cholangiocarcinoma Cells. <i>Clinical Cancer Research</i> , 2008, 14, 1333-1339.	7.0	45
24	Functional Restoration of Bacteriomes and Viromes by Fecal Microbiota Transplantation. <i>Gastroenterology</i> , 2021, 160, 2089-2102.e12.	1.3	45
25	Mutations in Zinc-binding Domains of p53 as a Prognostic Marker of Esophageal-cancer Patients. <i>Japanese Journal of Cancer Research</i> , 2000, 91, 190-198.	1.7	39
26	Fbxo22-mediated KDM4B degradation determines selective estrogen receptor modulator activity in breast cancer. <i>Journal of Clinical Investigation</i> , 2018, 128, 5603-5619.	8.2	39
27	Detection of APC mosaicism by next-generation sequencing in an FAP patient. <i>Journal of Human Genetics</i> , 2015, 60, 227-231.	2.3	33
28	Isolation and Characterization of HumanNBL4, a Gene Involved in the β -Catenin/Tcf Signaling Pathway. <i>Japanese Journal of Cancer Research</i> , 2000, 91, 597-603.	1.7	32
29	Measles virus selectively blind to signaling lymphocyte activity molecule has oncolytic efficacy against nectin4-expressing pancreatic cancer cells. <i>Cancer Science</i> , 2016, 107, 1647-1652.	3.9	32
30	Overexpression of Peptidyl-Prolyl Isomerase-Like 1 Is Associated with the Growth of Colon Cancer Cells. <i>Clinical Cancer Research</i> , 2006, 12, 70-76.	7.0	29
31	Isolation of LEM domain-containing 1, a novel testis-specific gene expressed in colorectal cancers. <i>Oncology Reports</i> , 2004, 12, 275-80.	2.6	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. <i>Japanese Journal of Clinical Oncology</i> , 2015, 45, 153-159.	1.3	28
33	Anti-apoptotic effect by the suppression of IRF1 as a downstream of Wnt/ β -catenin signaling in colorectal cancer cells. <i>Oncogene</i> , 2019, 38, 6051-6064.	5.9	26
34	Identification of Two Wnt-Responsive Elements in the Intron of RING Finger Protein 43 (RNF43) Gene. <i>PLoS ONE</i> , 2014, 9, e86582.	2.5	23
35	SMYD3 interacts with HTLV-1 Tax and regulates subcellular localization of Tax. <i>Cancer Science</i> , 2011, 102, 260-266.	3.9	22
36	Epigenetic traits inscribed in chromatin accessibility in aged hematopoietic stem cells. <i>Nature Communications</i> , 2022, 13, 2691.	12.8	22

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37	Oncolytic Activity of a Recombinant Measles Virus, Blind to Signaling Lymphocyte Activation Molecule, Against Colorectal Cancer Cells. <i>Scientific Reports</i> , 2016, 6, 24572.	3.3	21
38	Overexpression of Cohesion Establishment Factor DSCC1 through E2F in Colorectal Cancer. <i>PLoS ONE</i> , 2014, 9, e85750.	2.5	21
39	Anti-TLR7 Antibody Protects Against Lupus Nephritis in NZBWF1 Mice by Targeting B Cells and Patrolling Monocytes. <i>Frontiers in Immunology</i> , 2021, 12, 777197.	4.8	21
40	EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. <i>Scientific Reports</i> , 2020, 10, 9275.	3.3	18
41	Decreased expression of interferon-induced protein 2 (IFIT2) by Wnt/ β -catenin signaling confers anti-apoptotic properties to colorectal cancer cells. <i>Oncotarget</i> , 2017, 8, 100176-100186.	1.8	18
42	Reduced expression of APC-1B but not APC-1A by the deletion of promoter 1B is responsible for familial adenomatous polyposis. <i>Scientific Reports</i> , 2016, 6, 26011.	3.3	17
43	Halcyon: an accurate basecaller exploiting an encoder-decoder model with monotonic attention. <i>Bioinformatics</i> , 2021, 37, 1211-1217.	4.1	17
44	Late Cornified Envelope Group I, a Novel Target of p53, Regulates PRMT5 Activity. <i>Neoplasia</i> , 2014, 16, 656-664.	5.3	16
45	Genetic alterations in Japanese extrahepatic biliary tract cancer. <i>Oncology Letters</i> , 2017, 14, 877-884.	1.8	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. <i>Surgery Today</i> , 2018, 48, 810-814.	1.5	16
47	Importance of gastric cancer for the diagnosis and surveillance of Japanese Lynch syndrome patients. <i>Journal of Human Genetics</i> , 2019, 64, 1187-1194.	2.3	16
48	Enhancement of Migration and Invasion of Gastric Cancer Cells by IQGAP3. <i>Biomolecules</i> , 2020, 10, 1194.	4.0	16
49	TP53/p53-FBXO22-TFEB controls basal autophagy to govern hormesis. <i>Autophagy</i> , 2021, 17, 3776-3793.	9.1	15
50	Enhanced RASGEF1A Expression Is Involved in the Growth and Migration of Intrahepatic Cholangiocarcinoma. <i>Clinical Cancer Research</i> , 2006, 12, 6611-6616.	7.0	13
51	Determination of splice-site mutations in Lynch syndrome (hereditary non-polyposis colorectal) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	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). <i>Clinical Cancer Research</i> , 2021, 27, 267-275.	7.0	13
53	MRC6-binding protein contributes to colorectal cancer development. <i>Cancer Science</i> , 2011, 102, 1486-1492.	3.9	12
54	Application of targeted nanopore sequencing for the screening and determination of structural variants in patients with Lynch syndrome. <i>Journal of Human Genetics</i> , 2021, 66, 1053-1060.	2.3	12

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55	Discovery of chemical probes that suppress Wnt/ β -catenin signaling through high-throughput screening. <i>Cancer Science</i> , 2020, 111, 783-794.	3.9	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. <i>Japanese Journal of Clinical Oncology</i> , 2015, 45, 307-310.	1.3	9
57	Bidirectional reporter assay using <i>HAL</i> promoter and TOPFLASH improves specificity in high-throughput screening of Wnt inhibitors. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2868-2882.	3.3	9
58	Establishment and analysis of a novel mouse line carrying a conditional knockin allele of a cancer-specific FBXW7 mutation. <i>Scientific Reports</i> , 2018, 8, 2021.	3.3	9
59	Isolation and characterization of a human cDNA homologous to the <i>Xenopus laevis</i> XCAP-C gene belonging to the structural maintenance of chromosomes (SMC) family. <i>Journal of Human Genetics</i> , 1999, 44, 197-202.	2.3	8
60	Identification of <i>FERM</i> -containing protein 5 as a novel target of β -catenin/ <i>TCF</i> 7L2 complex. <i>Cancer Science</i> , 2017, 108, 612-619.	3.9	8
61	Efficacy of the novel tubulin polymerization inhibitor PTC028 for myelodysplastic syndrome. <i>Cancer Science</i> , 2020, 111, 4336-4347.	3.9	8
62	A novel APC mosaicism in a patient with familial adenomatous polyposis. <i>Human Genome Variation</i> , 2015, 2, 15057.	0.7	7
63	Efficacy of liquid-based genetic diagnosis of endometrial cancer. <i>Cancer Science</i> , 2018, 109, 4025-4032.	3.9	7
64	Development of an MSI-positive colon tumor with aberrant DNA methylation in a PPAP patient. <i>Journal of Human Genetics</i> , 2019, 64, 729-740.	2.3	7
65	Comprehensive molecular analysis of genomic profiles and PD-L1 expression in lung adenocarcinoma with a high-grade fetal adenocarcinoma component. <i>Translational Lung Cancer Research</i> , 2021, 10, 1292-1304.	2.8	7
66	Aberrant splicing caused by a MLH1 splice donor site mutation found in a young Japanese patient with Lynch syndrome. <i>Familial Cancer</i> , 2012, 11, 559-564.	1.9	6
67	Attenuated familial adenomatous polyposis with desmoids caused by an APC mutation. <i>Human Genome Variation</i> , 2015, 2, 15011.	0.7	6
68	Pseudomyxoma peritonei of a mature ovarian teratoma caused by mismatch repair deficiency in a patient with Lynch syndrome: a case report. <i>BMC Medical Genetics</i> , 2016, 17, 94.	2.1	6
69	Causes of Cancer Death Among First-Degree Relatives in Japanese Families with Lynch Syndrome. <i>Anticancer Research</i> , 2016, 36, 1985-9.	1.1	6
70	Cancer-associated IDH mutations induce Glut1 expression and glucose metabolic disorders through a PI3K/Akt/mTORC1-Hif1 α axis. <i>PLoS ONE</i> , 2021, 16, e0257090.	2.5	5
71	Robust parameter design of human induced pluripotent stem cell differentiation protocols defines lineage-specific induction of anterior-posterior gut tube endodermal cells. <i>Stem Cells</i> , 2021, 39, 429-442.	3.2	5
72	Insufficiency of non-canonical PRC1 synergizes with JAK2V617F in the development of myelofibrosis. <i>Leukemia</i> , 2021, . .	7.2	4

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73	Motile sperm domain containing 1 is upregulated by the Wnt/ β -catenin signaling pathway in colorectal cancer. <i>Oncology Letters</i> , 2022, 24, .	1.8	2
74	Response to the correspondence referring to our article "Development of an MSI-positive colon tumor with aberrant DNA methylation in a PPAP patient" by Pilar Mur, Claire Palles, Ian Tomlinson, Laura Valle. <i>Journal of Human Genetics</i> , 2020, 65, 515-516.	2.3	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.. <i>Journal of Clinical Oncology</i> , 2015, 33, 3599-3599.	1.6	1
76	Implementation of genomic medicine for gastrointestinal tumors. <i>Annals of Gastroenterological Surgery</i> , 2018, 2, 246-252.	2.4	0