Yoichi Furukawa

List of Publications by Year in Descending Order

74 papers	3,753 citations	26 h-index	61 g-index
79 ext. papers	4,433 ext. citations	7.7 avg, IF	4.45 L-index

#	Paper	IF	Citations
74	Epigenetic traits inscribed in chromatin accessibility in aged hematopoietic stem cells.. *Nature Communications*, **2022**, 13, 2691	17.4	0
73	Anti-TLR7 Antibody Protects Against Lupus Nephritis in NZBWF1 Mice by Targeting B Cells and Patrolling Monocytes. *Frontiers in Immunology*, **2021**, 12, 777197	8.4	2
72	Halcyon: an accurate basecaller exploiting an encoder-decoder model with monotonic attention. *Bioinformatics*, **2021**, 37, 1211-1217	7.2	3
71	TP53/p53-FBXO22-TFEB controls basal autophagy to govern hormesis. *Autophagy*, **2021**, 17, 3776-3793	10.2	3
70	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	4.4	3
69	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. *Nature Communications*, **2021**, 12, 1826	17.4	13
68	Functional Restoration of Bacteriomes and Viromes by Fecal Microbiota Transplantation. *Gastroenterology*, **2021**, 160, 2089-2102.e12	13.3	17
67	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	4.3	1
66	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	12.9	2
65	Senolysis by glutaminolysis inhibition ameliorates various age-associated disorders. *Science*, **2021**, 371, 265-270	33.3	58
64	Cancer-associated IDH mutations induce Glut1 expression and glucose metabolic disorders through a PI3K/Akt/mTORC1-Hif1□axis. *PLoS ONE*, **2021**, 16, e0257090	3.7	1
63	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	5.8	2
62	Efficacy of the novel tubulin polymerization inhibitor PTC-028 for myelodysplastic syndrome. *Cancer Science*, **2020**, 111, 4336-4347	6.9	2
61	EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. *Scientific Reports*, **2020**, 10, 9275	4.9	10
60	Metagenome Data on Intestinal Phage-Bacteria Associations Aids the Development of Phage Therapy against Pathobionts. *Cell Host and Microbe*, **2020**, 28, 380-389.e9	23.4	19
59	Discovery of chemical probes that suppress Wnt/□catenin signaling through high-throughput screening. *Cancer Science*, **2020**, 111, 783-794	6.9	7
58	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. *Journal of Human Genetics*, **2020**, 65, 515-516	4.3	0

57	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16 Cells In Vivo. *Cell Metabolism*, **2020**, 32, 814-828.e6	24.6	31
56	Enhancement of Migration and Invasion of Gastric Cancer Cells by IQGAP3. *Biomolecules*, **2020**, 10,	5.9	7
55	Development of an MSI-positive colon tumor with aberrant DNA methylation in a PPAP patient. *Journal of Human Genetics*, **2019**, 64, 729-740	4.3	5
54	Anti-apoptotic effect by the suppression of IRF1 as a downstream of Wnt/β-catenin signaling in colorectal cancer cells. *Oncogene*, **2019**, 38, 6051-6064	9.2	11
53	Importance of gastric cancer for the diagnosis and surveillance of Japanese Lynch syndrome patients. *Journal of Human Genetics*, **2019**, 64, 1187-1194	4.3	12
52	Establishment and analysis of a novel mouse line carrying a conditional knockin allele of a cancer-specific FBXW7 mutation. *Scientific Reports*, **2018**, 8, 2021	4.9	6
51	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	3	11
50	Implementation of genomic medicine for gastrointestinal tumors. *Annals of Gastroenterological Surgery*, **2018**, 2, 246-252	4.3	
49	Fbxo22-mediated KDM4B degradation determines selective estrogen receptor modulator activity in breast cancer. *Journal of Clinical Investigation*, **2018**, 128, 5603-5619	15.9	26
48	Efficacy of liquid-based genetic diagnosis of endometrial cancer. *Cancer Science*, **2018**, 109, 4025-4032	6.9	5
47	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	3.4	85
46	Identification of FERM domain-containing protein 5 as a novel target of β-catenin/TCF7L2 complex. *Cancer Science*, **2017**, 108, 612-619	6.9	4
45	Genetic alterations in Japanese extrahepatic biliary tract cancer. *Oncology Letters*, **2017**, 14, 877-884	2.6	13
44	Overview of the BioBank Japan Project: Study design and profile. *Journal of Epidemiology*, **2017**, 27, S2-S8	3.4	239
43	Overview of BioBank Japan follow-up data in 32 diseases. *Journal of Epidemiology*, **2017**, 27, S22-S28	3.4	41
42	Bidirectional reporter assay using HAL promoter and TOPFLASH improves specificity in high-throughput screening of Wnt inhibitors. *Biotechnology and Bioengineering*, **2017**, 114, 2868-2882	4.9	3
41	Decreased expression of interferon-induced protein 2 (IFIT2) by Wnt/β-catenin signaling confers anti-apoptotic properties to colorectal cancer cells. *Oncotarget*, **2017**, 8, 100176-100186	3.3	14
40	A novel mouse model of intrahepatic cholangiocarcinoma induced by liver-specific Kras activation and Pten deletion. *Scientific Reports*, **2016**, 6, 23899	4.9	43

39	Oncolytic Activity of a Recombinant Measles Virus, Blind to Signaling Lymphocyte Activation Molecule, Against Colorectal Cancer Cells. *Scientific Reports*, **2016**, 6, 24572	4.9	14
38	Measles virus selectively blind to signaling lymphocyte activity molecule has oncolytic efficacy against nectin-4-expressing pancreatic cancer cells. *Cancer Science*, **2016**, 107, 1647-1652	6.9	19
37	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	4
36	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	4.9	10
35	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	12.9	36
34	Causes of Cancer Death Among First-Degree Relatives in Japanese Families with Lynch Syndrome. *Anticancer Research*, **2016**, 36, 1985-9	2.3	5
33	Detection of APC mosaicism by next-generation sequencing in an FAP patient. *Journal of Human Genetics*, **2015**, 60, 227-31	4.3	28
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**,	2.8	23
31	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, 307-10	2.8	6
30	Molecular profiles of high-grade and low-grade pseudomyxoma peritonei. *Cancer Medicine*, **2015**, 4, 1809-16	4.8	47
29	Attenuated familial adenomatous polyposis with desmoids caused by an APC mutation. *Human Genome Variation*, **2015**, 2, 15011	1.8	3
28	A novel APC mosaicism in a patient with familial adenomatous polyposis. *Human Genome Variation*, **2015**, 2, 15057	1.8	5
27	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	2.2	1
26	Late Cornified Envelope Group I, a novel target of p53, regulates PRMT5 activity. *Neoplasia*, **2014**, 16, 656-64	6.4	12
25	Overexpression of cohesion establishment factor DSCC1 through E2F in colorectal cancer. *PLoS ONE*, **2014**, 9, e85750	3.7	14
24	Identification of two Wnt-responsive elements in the intron of RING finger protein 43 (RNF43) gene. *PLoS ONE*, **2014**, 9, e86582	3.7	17
23	Aberrant splicing caused by a MLH1 splice donor site mutation found in a young Japanese patient with Lynch syndrome. *Familial Cancer*, **2012**, 11, 559-64	3	5
22	Smyd3 is required for the development of cardiac and skeletal muscle in zebrafish. *PLoS ONE*, **2011**, 6, e23491	3.7	46

21	SMYD3 interacts with HTLV-1 Tax and regulates subcellular localization of Tax. *Cancer Science*, **2011**, 102, 260-6	6.9	19
20	MRG-binding protein contributes to colorectal cancer development. *Cancer Science*, **2011**, 102, 1486-92	6.9	7
19	Determination of splice-site mutations in Lynch syndrome (hereditary non-polyposis colorectal cancer) patients using functional splicing assay. *Familial Cancer*, **2009**, 8, 509-17	3	9
18	Enhanced expression of RAD51 associating protein-1 is involved in the growth of intrahepatic cholangiocarcinoma cells. *Clinical Cancer Research*, **2008**, 14, 1333-9	12.9	35
17	The lysine 831 of vascular endothelial growth factor receptor 1 is a novel target of methylation by SMYD3. *Cancer Research*, **2007**, 67, 10759-65	10.1	125
16	Comparison of gene expression profiles between Opisthorchis viverrini and non-Opisthorchis viverrini associated human intrahepatic cholangiocarcinoma. *Hepatology*, **2006**, 44, 1025-38	11.2	101
15	Enhanced RASGEF1A expression is involved in the growth and migration of intrahepatic cholangiocarcinoma. *Clinical Cancer Research*, **2006**, 12, 6611-6	12.9	12
14	Overexpression of peptidyl-prolyl isomerase-like 1 is associated with the growth of colon cancer cells. *Clinical Cancer Research*, **2006**, 12, 70-6	12.9	23
13	Enhanced SMYD3 expression is essential for the growth of breast cancer cells. *Cancer Science*, **2006**, 97, 113-8	6.9	217
12	Genome-wide analysis of gene expression in human intrahepatic cholangiocarcinoma. *Hepatology*, **2005**, 41, 1339-48	11.2	113
11	SMYD3 encodes a histone methyltransferase involved in the proliferation of cancer cells. *Nature Cell Biology*, **2004**, 6, 731-40	23.4	584
10	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, 2385-400	9.2	210
9	Isolation of LEM domain-containing 1, a novel testis-specific gene expressed in colorectal cancers. *Oncology Reports*, **2004**, 12, 275-80	3.5	26
8	Molecular diagnosis of colorectal tumors by expression profiles of 50 genes expressed differentially in adenomas and carcinomas. *Oncogene*, **2002**, 21, 4120-8	9.2	145
7	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	10.1	58
6	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	10.1	116
5	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, 5062-6	9.2	52
4	AXIN1 mutations in hepatocellular carcinomas, and growth suppression in cancer cells by virus-mediated transfer of AXIN1. *Nature Genetics*, **2000**, 24, 245-50	36.3	840

3	Mutations in zinc-binding domains of p53 as a prognostic marker of esophageal-cancer patients. *Japanese Journal of Cancer Research*, **2000**, 91, 190-8		33
2	Isolation and characterization of human NBL4, a gene involved in the beta-catenin/tcf signaling pathway. *Japanese Journal of Cancer Research*, **2000**, 91, 597-603		27
1	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	4.3	6