

Jun Yu

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

11,578
citations

47409

49
h-index

36203

101
g-index

114
all docs

114
docs citations

114
times ranked

15325
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. <i>Gut</i> , 2017, 66, 70-78.	6.1	865
2	Gut microbiota in colorectal cancer: mechanisms of action and clinical applications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 690-704.	8.2	686
3	Gut mucosal microbiome across stages of colorectal carcinogenesis. <i>Nature Communications</i> , 2015, 6, 8727.	5.8	573
4	Presence of Somatic Mutations in Most Early-Stage Pancreatic Intraepithelial Neoplasia. <i>Gastroenterology</i> , 2012, 142, 730-733.e9.	0.6	568
5	Gavage of Fecal Samples From Patients With Colorectal Cancer Promotes Intestinal Carcinogenesis in Germ-Free and Conventional Mice. <i>Gastroenterology</i> , 2017, 153, 1621-1633.e6.	0.6	446
6	ATM Mutations in Patients with Hereditary Pancreatic Cancer. <i>Cancer Discovery</i> , 2012, 2, 41-46.	7.7	442
7	Dietary cholesterol drives fatty liver-associated liver cancer by modulating gut microbiota and metabolites. <i>Gut</i> , 2021, 70, 761-774.	6.1	382
8	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. <i>Microbiome</i> , 2018, 6, 70.	4.9	344
9	Enteric fungal microbiota dysbiosis and ecological alterations in colorectal cancer. <i>Gut</i> , 2019, 68, 654-662.	6.1	325
10	Deleterious Germline Mutations in Patients With Apparently Sporadic Pancreatic Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2017, 35, 3382-3390.	0.8	316
11	<i>Peptostreptococcus anaerobius</i> Induces Intracellular Cholesterol Biosynthesis in Colon Cells to Induce Proliferation and Causes Dysplasia in Mice. <i>Gastroenterology</i> , 2017, 152, 1419-1433.e5.	0.6	308
12	Survival in Locally Advanced Pancreatic Cancer After Neoadjuvant Therapy and Surgical Resection. <i>Annals of Surgery</i> , 2019, 270, 340-347.	2.1	280
13	Alterations in Enteric Virome Are Associated With Colorectal Cancer and Survival Outcomes. <i>Gastroenterology</i> , 2018, 155, 529-541.e5.	0.6	271
14	Fecal Bacteria Act as Novel Biomarkers for Noninvasive Diagnosis of Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 2061-2070.	3.2	266
15	Bacteriophage transfer during faecal microbiota transplantation in <i>Clostridium difficile</i> infection is associated with treatment outcome. <i>Gut</i> , 2018, 67, gutjnl-2017-313952.	6.1	241
16	Defining and Predicting Early Recurrence in 957 Patients With Resected Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgery</i> , 2019, 269, 1154-1162.	2.1	222
17	Association Between Bacteremia From Specific Microbes and Subsequent Diagnosis of Colorectal Cancer. <i>Gastroenterology</i> , 2018, 155, 383-390.e8.	0.6	215
18	Quantitation of faecal <i>Fusobacterium</i> improves faecal immunochemical test in detecting advanced colorectal neoplasia. <i>Gut</i> , 2017, 66, 1441-1448.	6.1	214

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19	MicroRNA Alterations of Pancreatic Intraepithelial Neoplasias. <i>Clinical Cancer Research</i> , 2012, 18, 981-992.	3.2	198
20	High-Fat Diet Promotes Colorectal Tumorigenesis Through Modulating Gut Microbiota and Metabolites. <i>Gastroenterology</i> , 2022, 162, 135-149.e2.	0.6	197
21	Gut fungal dysbiosis correlates with reduced efficacy of fecal microbiota transplantation in <i>Clostridium difficile</i> infection. <i>Nature Communications</i> , 2018, 9, 3663.	5.8	177
22	International Cancer Microbiome Consortium consensus statement on the role of the human microbiome in carcinogenesis. <i>Gut</i> , 2019, 68, 1624-1632.	6.1	173
23	Squalene epoxidase drives NAFLD-induced hepatocellular carcinoma and is a pharmaceutical target. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	171
24	Novel recurrently mutated genes and a prognostic mutation signature in colorectal cancer. <i>Gut</i> , 2015, 64, 636-645.	6.1	163
25	Time to progression of pancreatic ductal adenocarcinoma from low-to-high tumour stages. <i>Gut</i> , 2015, 64, 1783-1789.	6.1	157
26	Dietary cholesterol promotes steatohepatitis related hepatocellular carcinoma through dysregulated metabolism and calcium signaling. <i>Nature Communications</i> , 2018, 9, 4490.	5.8	135
27	Digital next-generation sequencing identifies low-abundance mutations in pancreatic juice samples collected from the duodenum of patients with pancreatic cancer and intraductal papillary mucinous neoplasms. <i>Gut</i> , 2017, 66, 1677-1687.	6.1	134
28	Circulating Tumor Cells Dynamics in Pancreatic Adenocarcinoma Correlate With Disease Status. <i>Annals of Surgery</i> , 2018, 268, 408-420.	2.1	125
29	Distinct Subtypes of Gastric Cancer Defined by Molecular Characterization Include Novel Mutational Signatures with Prognostic Capability. <i>Cancer Research</i> , 2016, 76, 1724-1732.	0.4	120
30	<i>Streptococcus thermophilus</i> Inhibits Colorectal Tumorigenesis Through Secreting β -Galactosidase. <i>Gastroenterology</i> , 2021, 160, 1179-1193.e14.	0.6	119
31	Circulating Tumor DNA as a Clinical Test in Resected Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 4973-4984.	3.2	118
32	Genetic analyses of isolated high-grade pancreatic intraepithelial neoplasia (HG–PanIN) reveal paucity of alterations in <i>TP53</i> and <i>SMAD4</i> . <i>Journal of Pathology</i> , 2017, 242, 16-23.	2.1	108
33	Organoid models of gastrointestinal cancers in basic and translational research. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 203-222.	8.2	108
34	Targeted DNA Sequencing Reveals Patterns of Local Progression in the Pancreatic Remnant Following Resection of Intraductal Papillary Mucinous Neoplasm (IPMN) of the Pancreas. <i>Annals of Surgery</i> , 2017, 266, 133-141.	2.1	106
35	IPMNs with co-occurring invasive cancers: neighbours but not always relatives. <i>Gut</i> , 2018, 67, 1652-1662.	6.1	104
36	SARS-CoV-2 non-structural protein 6 triggers NLRP3-dependent pyroptosis by targeting ATP6AP1. <i>Cell Death and Differentiation</i> , 2022, 29, 1240-1254.	5.0	102

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37	Inhibitory role of peroxisome proliferator-activated receptor gamma in hepatocarcinogenesis in mice and in vitro. <i>Hepatology</i> , 2010, 51, 2008-2019.	3.6	96
38	Integrative Identification of Epstein-Barr Virus-Associated Mutations and Epigenetic Alterations in Gastric Cancer. <i>Gastroenterology</i> , 2014, 147, 1350-1362.e4.	0.6	90
39	Altered Gut Archaea Composition and Interaction With Bacteria Are Associated With Colorectal Cancer. <i>Gastroenterology</i> , 2020, 159, 1459-1470.e5.	0.6	87
40	Aspirin Reduces Colorectal Tumor Development in Mice and Gut Microbes Reduce its Bioavailability and Chemopreventive Effects. <i>Gastroenterology</i> , 2020, 159, 969-983.e4.	0.6	86
41	Implications of the Pattern of Disease Recurrence on Survival Following Pancreatectomy for Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2018, 25, 2475-2483.	0.7	77
42	Microbial Community Heterogeneity Within Colorectal Neoplasia and its Correlation With Colorectal Carcinogenesis. <i>Gastroenterology</i> , 2021, 160, 2395-2408.	0.6	74
43	Cell-intrinsic PD-1 promotes proliferation in pancreatic cancer by targeting CYR61/CTGF via the hippo pathway. <i>Cancer Letters</i> , 2019, 460, 42-53.	3.2	70
44	Mutations in the pancreatic secretory enzymes <i>CPA1</i> and <i>CPB1</i> are associated with pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4767-4772.	3.3	65
45	Genetic Analysis of Small Well-differentiated Pancreatic Neuroendocrine Tumors Identifies Subgroups With Differing Risks of Liver Metastases. <i>Annals of Surgery</i> , 2020, 271, 566-573.	2.1	64
46	Predicting the Grade of Dysplasia of Pancreatic Cystic Neoplasms Using Cyst Fluid DNA Methylation Markers. <i>Clinical Cancer Research</i> , 2017, 23, 3935-3944.	3.2	63
47	BRCA1/BRCA2 Germline Mutation Carriers and Sporadic Pancreatic Ductal Adenocarcinoma. <i>Journal of the American College of Surgeons</i> , 2018, 226, 630-637.e1.	0.2	62
48	Recurrence after neoadjuvant therapy and resection of borderline resectable and locally advanced pancreatic cancer. <i>European Journal of Surgical Oncology</i> , 2019, 45, 1674-1683.	0.5	62
49	Main Duct Dilatation Is the Best Predictor of High-grade Dysplasia or Invasion in Intraductal Papillary Mucinous Neoplasms of the Pancreas. <i>Annals of Surgery</i> , 2020, 272, 1118-1124.	2.1	58
50	GLUT3 induced by AMPK/CREB1 axis is key for withstanding energy stress and augments the efficacy of current colorectal cancer therapies. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 177.	7.1	58
51	Whole-genome sequencing reveals novel tandem-duplication hotspots and a prognostic mutational signature in gastric cancer. <i>Nature Communications</i> , 2019, 10, 2037.	5.8	55
52	Antisense lncRNA LDLRAD4-AS1 promotes metastasis by decreasing the expression of LDLRAD4 and predicts a poor prognosis in colorectal cancer. <i>Cell Death and Disease</i> , 2020, 11, 155.	2.7	53
53	Single-cell sequencing defines genetic heterogeneity in pancreatic cancer precursor lesions. <i>Journal of Pathology</i> , 2019, 247, 347-356.	2.1	52
54	Implications of Perineural Invasion on Disease Recurrence and Survival After Pancreatectomy for Pancreatic Head Ductal Adenocarcinoma. <i>Annals of Surgery</i> , 2022, 276, 378-385.	2.1	50

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55	The phytochemical polydatin ameliorates non-alcoholic steatohepatitis by restoring lysosomal function and autophagic flux. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4290-4300.	1.6	49
56	Prevalence of Germline Mutations Associated With Cancer Risk in Patients With Intraductal Papillary Mucinous Neoplasms. <i>Gastroenterology</i> , 2019, 156, 1905-1913.	0.6	47
57	Patients with McCune-Albright syndrome have a broad spectrum of abnormalities in the gastrointestinal tract and pancreas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 470, 391-400.	1.4	39
58	Inhibitory role of Smad7 in hepatocarcinogenesis in mice and <i>in vitro</i> . <i>Journal of Pathology</i> , 2013, 230, 441-452.	2.1	38
59	Improved Assessment of Response Status in Patients with Pancreatic Cancer Treated with Neoadjuvant Therapy using Somatic Mutations and Liquid Biopsy Analysis. <i>Clinical Cancer Research</i> , 2021, 27, 740-748.	3.2	35
60	Gut microbiota: impacts on gastrointestinal cancer immunotherapy. <i>Gut Microbes</i> , 2021, 13, 1-21.	4.3	33
61	Genome-Wide Somatic Copy Number Alterations and Mutations in High-Grade Pancreatic Intraepithelial Neoplasia. <i>American Journal of Pathology</i> , 2018, 188, 1723-1733.	1.9	32
62	PD-1 immunotherapy in pancreatic cancer: current status. <i>Journal of Pancreatology</i> , 2019, 2, 6-10.	0.3	31
63	Cathelicidin preserves intestinal barrier function in polymicrobial sepsis. <i>Critical Care</i> , 2020, 24, 47.	2.5	31
64	New insights and therapeutic implication of gut microbiota in non-alcoholic fatty liver disease and its associated liver cancer. <i>Cancer Letters</i> , 2019, 459, 186-191.	3.2	30
65	Genetic landscape of prognostic value in pancreatic ductal adenocarcinoma microenvironment. <i>Annals of Translational Medicine</i> , 2019, 7, 645-645.	0.7	26
66	Modeling tumor development and metastasis using paired organoids derived from patients with colorectal cancer liver metastases. <i>Journal of Hematology and Oncology</i> , 2020, 13, 119.	6.9	25
67	Squalene Epoxidase Induces Nonalcoholic Steatohepatitis Via Binding to Carbonic Anhydrase III and is a Therapeutic Target. <i>Gastroenterology</i> , 2021, 160, 2467-2482.e3.	0.6	24
68	New criteria of resectability for pancreatic cancer: A position paper by the Japanese Society of Hepato-Biliary-Pancreatic Surgery (JSHBPS). <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2022, 29, 725-731.	1.4	24
69	Microbial Metabolites in Colorectal Cancer: Basic and Clinical Implications. <i>Metabolites</i> , 2021, 11, 159.	1.3	23
70	The cholesterol uptake regulator PCSK9 promotes and is a therapeutic target in APC/KRAS-mutant colorectal cancer. <i>Nature Communications</i> , 2022, 13, .	5.8	21
71	Pancreatic cancer arising in the remnant pancreas is not always a relapse of the preceding primary. <i>Modern Pathology</i> , 2019, 32, 659-665.	2.9	20
72	Pancreatic circulating tumor cell detection by targeted single-cell next-generation sequencing. <i>Cancer Letters</i> , 2020, 493, 245-253.	3.2	18

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73	Selective lateral lymph node dissection after neoadjuvant chemoradiotherapy in rectal cancer. <i>World Journal of Gastroenterology</i> , 2020, 26, 2877-2888.	1.4	17
74	Low ligation has a lower anastomotic leakage rate after rectal cancer surgery. <i>World Journal of Gastrointestinal Oncology</i> , 2020, 12, 632-641.	0.8	17
75	Machine learning of genomic features in organotropic metastases stratifies progression risk of primary tumors. <i>Nature Communications</i> , 2021, 12, 6692.	5.8	16
76	Prevalence of Germline Sequence Variations Among Patients With Pancreatic Cancer in China. <i>JAMA Network Open</i> , 2022, 5, e2148721.	2.8	15
77	Duodenal Involvement is an Independent Prognostic Factor for Patients with Surgically Resected Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 2379-2386.	0.7	14
78	IL2RG, identified as overexpressed by RNA-seq profiling of pancreatic intraepithelial neoplasia, mediates pancreatic cancer growth. <i>Oncotarget</i> , 2017, 8, 83370-83383.	0.8	14
79	Optimized modification of the eighth edition of AJCC TNM staging system for resected pancreatic ductal adenocarcinoma. <i>Future Oncology</i> , 2019, 15, 3457-3465.	1.1	13
80	Association of Matrix Metalloproteinase 7 Expression With Pathologic Response After Neoadjuvant Treatment in Patients With Resected Pancreatic Ductal Adenocarcinoma. <i>JAMA Surgery</i> , 2022, 157, e221362.	2.2	13
81	Lysosome activation in peripheral blood mononuclear cells and prognostic significance of circulating LC3B in COVID-19. <i>Briefings in Bioinformatics</i> , 2021, 22, 1466-1475.	3.2	12
82	Primary Tumor Resection for Rectal Cancer With Unresectable Liver Metastases: A Chance to Cut Is a Chance for Improved Survival. <i>Frontiers in Oncology</i> , 2021, 11, 628715.	1.3	12
83	Reliable Detection of Somatic Mutations for Pancreatic Cancer in Endoscopic Ultrasonography-Guided Fine Needle Aspirates with Next-Generation Sequencing: Implications from a Prospective Cohort Study. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 3149-3159.	0.9	12
84	Serrated neoplasia in the colorectum: gut microbiota and molecular pathways. <i>Gut Microbes</i> , 2021, 13, 1-12.	4.3	12
85	Radiofrequency ablation in combination with an mTOR inhibitor restrains pancreatic cancer growth induced by intrinsic HSP70. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592095372.	1.4	11
86	Association of Germline Variants in Human DNA Damage Repair Genes and Response to Adjuvant Chemotherapy in Resected Pancreatic Ductal Adenocarcinoma. <i>Journal of the American College of Surgeons</i> , 2020, 231, 527-535.e14.	0.2	11
87	Detection of Circulating Tumor DNA in Patients with Pancreatic Cancer Using Digital Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 748-756.	1.2	11
88	Lack of association between the pancreatitis risk allele CEL-HYB and pancreatic cancer. <i>Oncotarget</i> , 2017, 8, 50824-50831.	0.8	11
89	Defining a minimum number of examined lymph nodes improves the prognostic value of lymphadenectomy in pancreas ductal adenocarcinoma. <i>Hpb</i> , 2021, 23, 575-586.	0.1	10
90	Challenges of the current precision medicine approach for pancreatic cancer: A single institution experience between 2013 and 2017. <i>Cancer Letters</i> , 2021, 497, 221-228.	3.2	10

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91	Advances of pathological complete response after neoadjuvant therapy for pancreatic cancer. Journal of Pancreatology, 2019, 2, 11-15.	0.3	9
92	Circulating tumor cells in pancreatic cancer: a review. Journal of Pancreatology, 2019, 2, 54-59.	0.3	9
93	Artificial intelligence and metagenomics in intestinal diseases. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 841-847.	1.4	9
94	Lymph Node Metastatic Patterns and Survival Predictors Based on Tumor Size in Pancreatic Ductal Adenocarcinoma. Advances in Therapy, 2021, 38, 4258-4270.	1.3	8
95	The effect of primary site, functional status and treatment modality on survival in gastroenteropancreatic neuroendocrine neoplasms with synchronous liver metastasis: a US population-based study. Annals of Translational Medicine, 2021, 9, 329-329.	0.7	7
96	Clinicopathologic features and prognostic factors for patients with colorectal cancer who are 75 years and older. Oncotarget, 2017, 8, 80002-80011.	0.8	7
97	Pathological treatment response has different prognostic implications for pancreatic cancer patients treated with neoadjuvant chemotherapy or chemoradiotherapy. Surgery, 2022, 171, 1379-1387.	1.0	7
98	Comprehensive Analysis of Somatic Mutations in Driver Genes of Resected Pancreatic Ductal Adenocarcinoma Reveals KRAS G12D and Mutant TP53 Combination as an Independent Predictor of Clinical Outcome. Annals of Surgical Oncology, 2022, 29, 2720-2731.	0.7	7
99	Vitamin D ³ and carbamazepine protect against <i>Clostridioides difficile</i> infection in mice by restoring macrophage lysosome acidification. Autophagy, 2022, 18, 2050-2067.	4.3	7
100	Pancreatic ductal adenocarcinoma: the role of circulating tumor DNA. Journal of Pancreatology, 2019, 2, 72-75.	0.3	6
101	Identification of an Immune-Related BAT Signature for Predicting Adjuvant Chemotherapy Response and Overall Survival in Patients with Resected Ductal Adenocarcinoma of the Pancreas. Journal of Gastrointestinal Surgery, 2022, 26, 869-886.	0.9	5
102	Gut microbiome alters functions of mutant p53 to promote tumorigenesis. Signal Transduction and Targeted Therapy, 2020, 5, 232.	7.1	4
103	Germline Variants in DNA Damage Repair Genes: An Emerging Role in the Era of Precision Medicine in Pancreatic Adenocarcinoma. Annals of Gastroenterological Surgery, 2022, 6, 7-16.	1.2	3
104	The importance of circulating and disseminated tumor cells in pancreatic cancer. Surgery Open Science, 2019, 1, 49-55.	0.5	2
105	Microbiome in Human Gastrointestinal Cancers. Physiology in Health and Disease, 2021, , 27-61.	0.2	2
106	Ovarian Metastasis from Pancreatic Ductal Adenocarcinoma. World Journal of Surgery, 2021, 45, 3157-3164.	0.8	1
107	Genetic landscape of prognostic value in pancreas ductal adenocarcinoma microenvironment—reply. Annals of Translational Medicine, 2020, 8, 599-599.	0.7	1
108	RAD51B Harbors Germline Mutations Associated With Pancreatic Ductal Adenocarcinoma. JCO Precision Oncology, 2022, , .	1.5	1

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109	Abstract PO-111: A human single-cell RNA sequencing atlas of pancreatic ductal adenocarcinoma enables harmonized cell type calling and comprehensive analyses of potential intercellular signaling. , 2021, , .		0
110	ASO Visual Abstract: Comprehensive Analysis of Somatic Mutations in Driver Genes of Resected Pancreatic Ductal Adenocarcinoma Shows KRAS G12D and Mutant TP53 Combination as an Independent Predictor of Clinical Outcome. Annals of Surgical Oncology, 2022, 29, 2732.	0.7	0
111	Deep insight into lymph node metastasis in pancreatic ductal adenocarcinoma. European Journal of Surgical Oncology, 2022, , .	0.5	0