

Yuchen Jiao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

11,558
citations

36
h-index

69
g-index

69
ext. papers

13,696
ext. citations

11.4
avg, IF

5.24
L-index

#	Paper	IF	Citations
65	Detection of circulating tumor DNA in early- and late-stage human malignancies. <i>Science Translational Medicine</i> , 2014 , 6, 224ra24	17.5	2741
64	DAXX/ATRX, MEN1, and mTOR pathway genes are frequently altered in pancreatic neuroendocrine tumors. <i>Science</i> , 2011 , 331, 1199-203	33.3	1252
63	TERT promoter mutations occur frequently in gliomas and a subset of tumors derived from cells with low rates of self-renewal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6021-6	11.5	968
62	Altered telomeres in tumors with ATRX and DAXX mutations. <i>Science</i> , 2011 , 333, 425	33.3	717
61	Whole-exome sequencing of neoplastic cysts of the pancreas reveals recurrent mutations in components of ubiquitin-dependent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 21188-93	11.5	484
60	Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas. <i>Nature Genetics</i> , 2013 , 45, 1470-1473	36.3	464
59	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. <i>Oncotarget</i> , 2012 , 3, 709-22	3.3	439
58	Mutations in CIC and FUBP1 contribute to human oligodendroglioma. <i>Science</i> , 2011 , 333, 1453-5	33.3	399
57	Loss of ATRX, genome instability, and an altered DNA damage response are hallmarks of the alternative lengthening of telomeres pathway. <i>PLoS Genetics</i> , 2012 , 8, e1002772	6	385
56	ATM mutations in patients with hereditary pancreatic cancer. <i>Cancer Discovery</i> , 2012 , 2, 41-6	24.4	365
55	Comparative genomic analysis of esophageal adenocarcinoma and squamous cell carcinoma. <i>Cancer Discovery</i> , 2012 , 2, 899-905	24.4	301
54	A combination of molecular markers and clinical features improve the classification of pancreatic cysts. <i>Gastroenterology</i> , 2015 , 149, 1501-10	13.3	286
53	Association of the autoimmune disease scleroderma with an immunologic response to cancer. <i>Science</i> , 2014 , 343, 152-7	33.3	278
52	Limited heterogeneity of known driver gene mutations among the metastases of individual patients with pancreatic cancer. <i>Nature Genetics</i> , 2017 , 49, 358-366	36.3	228
51	A taste receptor required for the caffeine response in vivo. <i>Current Biology</i> , 2006 , 16, 1812-7	6.3	189
50	A Drosophila gustatory receptor essential for aversive taste and inhibiting male-to-male courtship. <i>Current Biology</i> , 2009 , 19, 1623-7	6.3	187
49	Exomic sequencing of medullary thyroid cancer reveals dominant and mutually exclusive oncogenic mutations in RET and RAS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E364-9	5.6	157

48	Gr64f is required in combination with other gustatory receptors for sugar detection in <i>Drosophila</i> . <i>Current Biology</i> , 2008 , 18, 1797-801	6.3	148
47	A <i>Drosophila</i> gustatory receptor required for the responses to sucrose, glucose, and maltose identified by mRNA tagging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14110-5	11.5	145
46	Whole-exome sequencing of pancreatic neoplasms with acinar differentiation. <i>Journal of Pathology</i> , 2014 , 232, 428-35	9.4	118
45	Recurrent TERT promoter mutations identified in a large-scale study of multiple tumour types are associated with increased TERT expression and telomerase activation. <i>European Journal of Cancer</i> , 2015 , 51, 969-76	7.5	114
44	Safety, Activity, and Biomarkers of SHR-1210, an Anti-PD-1 Antibody, for Patients with Advanced Esophageal Carcinoma. <i>Clinical Cancer Research</i> , 2018 , 24, 1296-1304	12.9	99
43	Exomic analysis of myxoid liposarcomas, synovial sarcomas, and osteosarcomas. <i>Genes Chromosomes and Cancer</i> , 2014 , 53, 15-24	5	82
42	GENE-01. THE MUTATIONAL LANDSCAPE OF PRIMARY CHORDOMAS AND THEIR SENSITIVE DETECTION IN PLASMA ctDNA BY MULTIPLE NEXT GENERATION SEQUENCING TECHNOLOGIES. <i>Neuro-Oncology</i> , 2019 , 21, vi97-vi97	1	78
41	GENE-01. THE GENOMIC LANDSCAPE OF TRIPLE-NEGATIVE GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi102-vi103	1	78
40	The genomic landscape of TERT promoter wildtype-IDH wildtype glioblastoma. <i>Nature Communications</i> , 2018 , 9, 2087	17.4	78
39	A novel anti-cancer agent Icaritin suppresses hepatocellular carcinoma initiation and malignant growth through the IL-6/Jak2/Stat3 pathway. <i>Oncotarget</i> , 2015 , 6, 31927-43	3.3	74
38	Genetic Features of Aflatoxin-Associated Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2017 , 153, 249-262.e2	6.9	72
37	Detection of early-stage hepatocellular carcinoma in asymptomatic HBsAg-seropositive individuals by liquid biopsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6308-6312	11.5	72
36	Molecular profiling of tumors of the brainstem by sequencing of CSF-derived circulating tumor DNA. <i>Acta Neuropathologica</i> , 2019 , 137, 297-306	14.3	60
35	Exomic sequencing of four rare central nervous system tumor types. <i>Oncotarget</i> , 2013 , 4, 572-83	3.3	57
34	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. <i>Head and Neck</i> , 2015 , 37, 1642-9	4.2	55
33	Precancerous neoplastic cells can move through the pancreatic ductal system. <i>Nature</i> , 2018 , 561, 201-205	5.4	55
32	Genomic landscape and evolutionary trajectories of ovarian cancer precursor lesions. <i>Journal of Pathology</i> , 2019 , 248, 41-50	9.4	44
31	Promising efficacy of SHR-1210, a novel anti-programmed cell death 1 antibody, in patients with advanced gastric and gastroesophageal junction cancer in China. <i>Cancer</i> , 2019 , 125, 742-749	6.4	44

30	Intraductal Papillary Mucinous Neoplasms Arise From Multiple Independent Clones, Each With Distinct Mutations. <i>Gastroenterology</i> , 2019 , 157, 1123-1137.e22	13.3	40
29	Quantitative phosphoproteomics reveals genistein as a modulator of cell cycle and DNA damage response pathways in triple-negative breast cancer cells. <i>International Journal of Oncology</i> , 2016 , 48, 1016-28	4.4	32
28	Genome-wide profiling of Epstein-Barr virus integration by targeted sequencing in Epstein-Barr virus associated malignancies. <i>Theranostics</i> , 2019 , 9, 1115-1124	12.1	28
27	Genome-Wide CRISPR-Cas9 Screen Reveals Selective Vulnerability of -Mutant Cancers to WEE1 Inhibition. <i>Cancer Research</i> , 2020 , 80, 510-523	10.1	23
26	Sensitive and rapid detection of TERT promoter and IDH mutations in diffuse gliomas. <i>Neuro-Oncology</i> , 2019 , 21, 440-450	1	15
25	ROS-mediated activation of JNK/p38 contributes partially to the pro-apoptotic effect of ajoene on cells of lung adenocarcinoma. <i>Tumor Biology</i> , 2016 , 37, 3727-38	2.9	14
24	Multiregion whole-exome sequencing of intraductal papillary mucinous neoplasms reveals frequent somatic mutations predominantly in low-grade regions. <i>Gut</i> , 2021 , 70, 928-939	19.2	14
23	Genome-wide mutation analysis in precancerous lesions of endometrial carcinoma. <i>Journal of Pathology</i> , 2021 , 253, 119-128	9.4	10
22	Methylation silencing of TGF- β receptor type II is involved in malignant transformation of esophageal squamous cell carcinoma. <i>Clinical Epigenetics</i> , 2020 , 12, 25	7.7	9
21	A glioblastoma neurosphere line with alternative lengthening of telomeres. <i>Acta Neuropathologica</i> , 2013 , 126, 607-8	14.3	9
20	Mutational signatures and the genomic landscape of betel quid chewing-associated tongue carcinoma. <i>Cancer Medicine</i> , 2019 , 8, 701-711	4.8	6
19	Integrated molecular characterization reveals potential therapeutic strategies for pulmonary sarcomatoid carcinoma. <i>Nature Communications</i> , 2020 , 11, 4878	17.4	6
18	Intraductal papillary mucinous neoplasm in a neonate with congenital hyperinsulinism and a de novo germline SKIL gene mutation. <i>Pancreatology</i> , 2015 , 15, 194-6	3.8	5
17	AHR mediates the aflatoxin B1 toxicity associated with hepatocellular carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 299	21	5
16	Characterization of rare NEIL1 variants found in East Asian populations. <i>DNA Repair</i> , 2019 , 79, 32-39	4.3	4
15	A CRISPR knockout negative screen reveals synergy between CDKs inhibitor and metformin in the treatment of human cancer in vitro and in vivo. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 152	21	4
14	The commensal consortium of the gut microbiome is associated with favorable responses to anti-programmed death protein 1 (PD-1) therapy in thoracic neoplasms. <i>Cancer Biology and Medicine</i> , 2021 ,	5.2	4
13	Construction of a non-redundant human SH2 domain database. <i>Genomics, Proteomics and Bioinformatics</i> , 2004 , 2, 119-22	6.5	3

12	Novel genetic characteristics in low-grade fetal adenocarcinoma of the lung. <i>Thoracic Cancer</i> , 2021 , 12, 2789-2795	3.2	3
11	Telomere Maintenance Associated Mutations in the Genetic Landscape of Gynecological Mucosal Melanoma. <i>Frontiers in Oncology</i> , 2020 , 10, 1707	5.3	2
10	A Urine-Based Liquid Biopsy Method for Detection of Upper Tract Urinary Carcinoma. <i>Frontiers in Oncology</i> , 2020 , 10, 597486	5.3	2
9	Integrated analysis of circulating tumour cells and circulating tumour DNA to detect minimal residual disease in hepatocellular carcinoma.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e793	5.7	2
8	Single cell sequencing reveals cell populations that predict primary resistance to imatinib in chronic myeloid leukemia. <i>Aging</i> , 2020 , 12, 25337-25355	5.6	1
7	Personalized analysis of minimal residual cancer cells in peritoneal lavage fluid predicts peritoneal dissemination of gastric cancer. <i>Journal of Hematology and Oncology</i> , 2021 , 14, 164	22.4	1
6	An m6A-Related Prognostic Biomarker Associated With the Hepatocellular Carcinoma Immune Microenvironment. <i>Frontiers in Pharmacology</i> , 2021 , 12, 707930	5.6	1
5	A male-ABCD algorithm for hepatocellular carcinoma risk prediction in HBsAg carriers. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2021 , 33, 352-363	3.8	1
4	Response prediction and risk stratification of patients with rectal cancer after neoadjuvant therapy through an analysis of circulating tumour DNA.. <i>EBioMedicine</i> , 2022 , 78, 103945	8.8	1
3	A liquid biopsy assay for identifying early-stage hepatocellular carcinoma in asymptomatic HBsAg-seropositive individuals. <i>Molecular and Cellular Oncology</i> , 2019 , 6, e1614419	1.2	0
2	The mutational landscape of spinal chordomas and their sensitive detection using circulating tumor DNA. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdaa173	0.9	0
1	Synthetic lethal screening identifies DHODH as a target for MEN1-mutated tumor cells.. <i>Cell Research</i> , 2022 ,	24.7	0