

Yuchen Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

14,893
citations

87723

38
h-index

106150

65
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69
all docs

69
docs citations

69
times ranked

23113
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic lethal screening identifies DHODH as a target for MEN1-mutated tumor cells. <i>Cell Research</i> , 2022, , .	5.7	7
2	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.	2.7	26
3	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.	1.7	6
4	Prognostic and predictive impact of neutrophil-to-lymphocyte ratio and HLA genotyping in advanced esophageal squamous cell carcinoma patients receiving immune checkpoint inhibitor monotherapy. <i>Thoracic Cancer</i> , 2022, 13, 1631-1641.	0.8	8
5	Multiregion whole-exome sequencing of intraductal papillary mucinous neoplasms reveals frequent somatic <i>KLF4</i> mutations predominantly in low-grade regions. <i>Gut</i> , 2021, 70, 928-939.	6.1	48
6	Genome-wide mutation analysis in precancerous lesions of endometrial carcinoma. <i>Journal of Pathology</i> , 2021, 253, 119-128.	2.1	27
7	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.	0.7	4
8	An m6A-Related Prognostic Biomarker Associated With the Hepatocellular Carcinoma Immune Microenvironment. <i>Frontiers in Pharmacology</i> , 2021, 12, 707930.	1.6	12
9	AHR mediates the aflatoxin B1 toxicity associated with hepatocellular carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 299.	7.1	44
10	Novel genetic characteristics in low-grade fetal adenocarcinoma of the lung. <i>Thoracic Cancer</i> , 2021, 12, 2789-2795.	0.8	5
11	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, 18, 0-0.	1.4	9
12	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.	6.9	8
13	The mutational landscape of spinal chordomas and their sensitive detection using circulating tumor DNA. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa173.	0.4	6
14	Genome-Wide CRISPR-Cas9 Screen Reveals Selective Vulnerability of <i>ATR</i> -Mutant Cancers to WEE1 Inhibition. <i>Cancer Research</i> , 2020, 80, 510-523.	0.4	52
15	Integrated molecular characterization reveals potential therapeutic strategies for pulmonary sarcomatoid carcinoma. <i>Nature Communications</i> , 2020, 11, 4878.	5.8	27
16	Telomere Maintenance Associated Mutations in the Genetic Landscape of Gynecological Mucosal Melanoma. <i>Frontiers in Oncology</i> , 2020, 10, 1707.	1.3	5
17	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.	7.1	6
18	Methylation silencing of TGF- β 2 receptor type II is involved in malignant transformation of esophageal squamous cell carcinoma. <i>Clinical Epigenetics</i> , 2020, 12, 25.	1.8	14

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19	A Urine-Based Liquid Biopsy Method for Detection of Upper Tract Urinary Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 597486.	1.3	10
20	Single cell sequencing reveals cell populations that predict primary resistance to imatinib in chronic myeloid leukemia. <i>Aging</i> , 2020, 12, 25337-25355.	1.4	8
21	Intraductal Papillary Mucinous Neoplasms Arise From Multiple Independent Clones, Each With Distinct Mutations. <i>Gastroenterology</i> , 2019, 157, 1123-1137.e22.	0.6	82
22	Mutational signatures and the genomic landscape of betel quid chewing-associated tongue carcinoma. <i>Cancer Medicine</i> , 2019, 8, 701-711.	1.3	7
23	A liquid biopsy assay for identifying early-stage hepatocellular carcinoma in asymptomatic HBsAg-seropositive individuals. <i>Molecular and Cellular Oncology</i> , 2019, 6, e1614419.	0.3	2
24	Characterization of rare NEIL1 variants found in East Asian populations. <i>DNA Repair</i> , 2019, 79, 32-39.	1.3	9
25	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.	3.3	127
26	Genome-wide profiling of Epstein-Barr virus integration by targeted sequencing in Epstein-Barr virus associated malignancies. <i>Theranostics</i> , 2019, 9, 1115-1124.	4.6	56
27	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.	0.6	0
28	Genomic landscape and evolutionary trajectories of ovarian cancer precursor lesions. <i>Journal of Pathology</i> , 2019, 248, 41-50.	2.1	84
29	Molecular profiling of tumors of the brainstem by sequencing of CSF-derived circulating tumor DNA. <i>Acta Neuropathologica</i> , 2019, 137, 297-306.	3.9	109
30	Sensitive and rapid detection of TERT promoter and IDH mutations in diffuse gliomas. <i>Neuro-Oncology</i> , 2019, 21, 440-450.	0.6	27
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.	2.0	55
32	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.	3.2	146
33	GENE-01. THE GENOMIC LANDSCAPE OF TRIPLE-NEGATIVE GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi102-vi103.	0.6	0
34	Precancerous neoplastic cells can move through the pancreatic ductal system. <i>Nature</i> , 2018, 561, 201-205.	13.7	96
35	The genomic landscape of TERT promoter wildtype-IDH wildtype glioblastoma. <i>Nature Communications</i> , 2018, 9, 2087.	5.8	124
36	Limited heterogeneity of known driver gene mutations among the metastases of individual patients with pancreatic cancer. <i>Nature Genetics</i> , 2017, 49, 358-366.	9.4	316

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37	Genetic Features of Aflatoxin-Associated Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2017, 153, 249-262.e2.	0.6	100
38	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, 1016-1028.	1.4	41
39	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, 3727-3738.	0.8	15
40	A Combination of Molecular Markers and Clinical Features Improve the Classification of Pancreatic Cysts. <i>Gastroenterology</i> , 2015, 149, 1501-1510.	0.6	376
41	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, 969-976.	1.3	150
42	Intraductal papillary mucinous neoplasm in a neonate with congenital hyperinsulinism and a de novo germline SKIL gene mutation. <i>Pancreatology</i> , 2015, 15, 194-196.	0.5	8
43	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. <i>Head and Neck</i> , 2015, 37, 1642-1649.	0.9	66
44	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, 31927-31943.	0.8	98
45	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. <i>Science Translational Medicine</i> , 2014, 6, 224ra24.	5.8	3,665
46	Exomic analysis of myxoid liposarcomas, synovial sarcomas, and osteosarcomas. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 15-24.	1.5	91
47	Whole-exome sequencing of pancreatic neoplasms with acinar differentiation. <i>Journal of Pathology</i> , 2014, 232, 428-435.	2.1	151
48	Association of the Autoimmune Disease Scleroderma with an Immunologic Response to Cancer. <i>Science</i> , 2014, 343, 152-157.	6.0	358
49	Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas. <i>Nature Genetics</i> , 2013, 45, 1470-1473.	9.4	564
50	<i>TERT</i> 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, 6021-6026.	3.3	1,202
51	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-E369.	1.8	213
52	A glioblastoma neurosphere line with alternative lengthening of telomeres. <i>Acta Neuropathologica</i> , 2013, 126, 607-608.	3.9	9
53	Exomic Sequencing of Four Rare Central Nervous System Tumor Types. <i>Oncotarget</i> , 2013, 4, 572-583.	0.8	69
54	<i>ATM</i> Mutations in Patients with Hereditary Pancreatic Cancer. <i>Cancer Discovery</i> , 2012, 2, 41-46.	7.7	442

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55	Loss of ATRX, Genome Instability, and an Altered DNA Damage Response Are Hallmarks of the Alternative Lengthening of Telomeres Pathway. PLoS Genetics, 2012, 8, e1002772.	1.5	489
56	Comparative Genomic Analysis of Esophageal Adenocarcinoma and Squamous Cell Carcinoma. Cancer Discovery, 2012, 2, 899-905.	7.7	342
57	Frequent <i>ATR</i> , <i>CIC</i> , <i>FUBP1</i> and <i>IDH1</i> mutations refine the classification of malignant gliomas. Oncotarget, 2012, 3, 709-722.	0.8	532
58	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. Science, 2011, 333, 1453-1455.	6.0	485
59	<i>DAXX</i> / <i>ATR</i> , <i>MEN1</i> , and mTOR Pathway Genes Are Frequently Altered in Pancreatic Neuroendocrine Tumors. Science, 2011, 331, 1199-1203.	6.0	1,504
60	Altered Telomeres in Tumors with <i>ATR</i> and <i>DAXX</i> Mutations. Science, 2011, 333, 425-425.	6.0	891
61	Whole-exome sequencing of neoplastic cysts of the pancreas reveals recurrent mutations in components of ubiquitin-dependent pathways. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21188-21193.	3.3	585
62	A <i>Drosophila</i> Gustatory Receptor Essential for Aversive Taste and Inhibiting Male-to-Male Courtship. Current Biology, 2009, 19, 1623-1627.	1.8	237
63	Gr64f Is Required in Combination with Other Gustatory Receptors for Sugar Detection in <i>Drosophila</i> . Current Biology, 2008, 18, 1797-1801.	1.8	213
64	A <i>Drosophila</i> gustatory receptor required for the responses to sucrose, glucose, and maltose identified by mRNA tagging. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14110-14115.	3.3	193
65	A Taste Receptor Required for the Caffeine Response In Vivo. Current Biology, 2006, 16, 1812-1817.	1.8	228
66	Construction of A Non-Redundant Human SH2 Domain Database. Genomics, Proteomics and Bioinformatics, 2004, 2, 119-122.	3.0	3