

Yuchen Jiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1397758/publications.pdf>

Version: 2024-02-01

66
papers

14,893
citations

87723

38
h-index

106150

65
g-index

69
all docs

69
docs citations

69
times ranked

23113
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. <i>Science Translational Medicine</i> , 2014, 6, 224ra24.	5.8	3,665
2	<i>DAXX</i> / <i>ATRX</i> , <i>MEN1</i> , and mTOR Pathway Genes Are Frequently Altered in Pancreatic Neuroendocrine Tumors. <i>Science</i> , 2011, 331, 1199-1203.	6.0	1,504
3	<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
4	Altered Telomeres in Tumors with <i>ATRX</i> and <i>DAXX</i> Mutations. <i>Science</i> , 2011, 333, 425-425.	6.0	891
5	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, 21188-21193.	3.3	585
6	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
7	Frequent <i>ATRX</i> , <i>CIC</i> , <i>FUBP1</i> and <i>IDH1</i> mutations refine the classification of malignant gliomas. <i>Oncotarget</i> , 2012, 3, 709-722.	0.8	532
8	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.	1.5	489
9	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. <i>Science</i> , 2011, 333, 1453-1455.	6.0	485
10	<i>ATM</i> Mutations in Patients with Hereditary Pancreatic Cancer. <i>Cancer Discovery</i> , 2012, 2, 41-46.	7.7	442
11	A Combination of Molecular Markers and Clinical Features Improve the Classification of Pancreatic Cysts. <i>Gastroenterology</i> , 2015, 149, 1501-1510.	0.6	376
12	Association of the Autoimmune Disease Scleroderma with an Immunologic Response to Cancer. <i>Science</i> , 2014, 343, 152-157.	6.0	358
13	Comparative Genomic Analysis of Esophageal Adenocarcinoma and Squamous Cell Carcinoma. <i>Cancer Discovery</i> , 2012, 2, 899-905.	7.7	342
14	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
15	A Drosophila Gustatory Receptor Essential for Aversive Taste and Inhibiting Male-to-Male Courtship. <i>Current Biology</i> , 2009, 19, 1623-1627.	1.8	237
16	A Taste Receptor Required for the Caffeine Response In Vivo. <i>Current Biology</i> , 2006, 16, 1812-1817.	1.8	228
17	Gr64f Is Required in Combination with Other Gustatory Receptors for Sugar Detection in Drosophila. <i>Current Biology</i> , 2008, 18, 1797-1801.	1.8	213
18	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

#	ARTICLE	IF	CITATIONS
19	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, 14110-14115.	3.3	193
20	Whole-exome sequencing of pancreatic neoplasms with acinar differentiation. <i>Journal of Pathology</i> , 2014, 232, 428-435.	2.1	151
21	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
22	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
23	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
24	The genomic landscape of TERT promoter wildtype-IDH wildtype glioblastoma. <i>Nature Communications</i> , 2018, 9, 2087.	5.8	124
25	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
26	Genetic Features of Aflatoxin-Associated Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2017, 153, 249-262.e2.	0.6	100
27	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
28	Precancerous neoplastic cells can move through the pancreatic ductal system. <i>Nature</i> , 2018, 561, 201-205.	13.7	96
29	Exomic analysis of myxoid liposarcomas, synovial sarcomas, and osteosarcomas. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 15-24.	1.5	91
30	Genomic landscape and evolutionary trajectories of ovarian cancer precursor lesions. <i>Journal of Pathology</i> , 2019, 248, 41-50.	2.1	84
31	Intraductal Papillary Mucinous Neoplasms Arise From Multiple Independent Clones, Each With Distinct Mutations. <i>Gastroenterology</i> , 2019, 157, 1123-1137.e22.	0.6	82
32	Exomic Sequencing of Four Rare Central Nervous System Tumor Types. <i>Oncotarget</i> , 2013, 4, 572-583.	0.8	69
33	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
34	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
35	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
36	Genome-Wide CRISPR-Cas9 Screen Reveals Selective Vulnerability of ATRX-Mutant Cancers to WEE1 Inhibition. <i>Cancer Research</i> , 2020, 80, 510-523.	0.4	52

#	ARTICLE	IF	CITATIONS
37	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
38	AHR mediates the aflatoxin B1 toxicity associated with hepatocellular carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 299.	7.1	44
39	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
40	Sensitive and rapid detection of <i>TERT</i> promoter and <i>IDH</i> mutations in diffuse gliomas. <i>Neuro-Oncology</i> , 2019, 21, 440-450.	0.6	27
41	Integrated molecular characterization reveals potential therapeutic strategies for pulmonary sarcomatoid carcinoma. <i>Nature Communications</i> , 2020, 11, 4878.	5.8	27
42	Genome-wide mutation analysis in precancerous lesions of endometrial carcinoma. <i>Journal of Pathology</i> , 2021, 253, 119-128.	2.1	27
43	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
44	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
45	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
46	An m6A-Related Prognostic Biomarker Associated With the Hepatocellular Carcinoma Immune Microenvironment. <i>Frontiers in Pharmacology</i> , 2021, 12, 707930.	1.6	12
47	A Urine-Based Liquid Biopsy Method for Detection of Upper Tract Urinary Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 597486.	1.3	10
48	A glioblastoma neurosphere line with alternative lengthening of telomeres. <i>Acta Neuropathologica</i> , 2013, 126, 607-608.	3.9	9
49	Characterization of rare NEIL1 variants found in East Asian populations. <i>DNA Repair</i> , 2019, 79, 32-39.	1.3	9
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Mutational signatures and the genomic landscape of betel quid chewing-associated tongue carcinoma. <i>Cancer Medicine</i> , 2019, 8, 701-711.	1.3	7
56	Synthetic lethal screening identifies DHODH as a target for MEN1-mutated tumor cells. <i>Cell Research</i> , 2022, , .	5.7	7
57	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
58	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
59	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
60	Telomere Maintenance Associated Mutations in the Genetic Landscape of Gynecological Mucosal Melanoma. <i>Frontiers in Oncology</i> , 2020, 10, 1707.	1.3	5
61	Novel genetic characteristics in low-grade fetal adenocarcinoma of the lung. <i>Thoracic Cancer</i> , 2021, 12, 2789-2795.	0.8	5
62	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
63	Construction of A Non-Redundant Human SH2 Domain Database. <i>Genomics, Proteomics and Bioinformatics</i> , 2004, 2, 119-122.	3.0	3
64	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
65	GENE-01. THE GENOMIC LANDSCAPE OF TRIPLE-NEGATIVE GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi102-vi103.	0.6	0
66	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