Chu Chen

List of Publications by Year
in descending order

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Version: 2024-02-01

107	8,447	87888 38	53230 85
papers	citations	h-index	g-index

109	109	109	13325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. Nature Genetics, 2019, 51, 237-244.	21.4	1,307
2	A susceptibility locus for lung cancer maps to nicotinic acetylcholine receptor subunit genes on 15q25. Nature, 2008, 452, 633-637.	27.8	1,169
3	Type I and II Endometrial Cancers: Have They Different Risk Factors?. Journal of Clinical Oncology, 2013, 31, 2607-2618.	1.6	613
4	A Genome-wide Association Study of Lung Cancer Identifies a Region of Chromosome 5p15 Associated with Risk for Adenocarcinoma. American Journal of Human Genetics, 2009, 85, 679-691.	6.2	489
5	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. Nature Genetics, 2017, 49, 1126-1132.	21.4	472
6	Rare variants of large effect in BRCA2 and CHEK2 affect risk of lung cancer. Nature Genetics, 2014, 46, 736-741.	21.4	360
7	Gene Expression Profiling Identifies Genes Predictive of Oral Squamous Cell Carcinoma. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 2152-2162.	2.5	230
8	Identification of nine new susceptibility loci for endometrial cancer. Nature Communications, 2018, 9, 3166.	12.8	178
9	Breast cancer, endometrial cancer, and cardiovascular events in participants who used vaginal estrogen in the Women's Health Initiative Observational Study. Menopause, 2018, 25, 11-20.	2.0	164
10	A Genome-Wide Association Study of Upper Aerodigestive Tract Cancers Conducted within the INHANCE Consortium. PLoS Genetics, 2011, 7, e1001333.	3.5	158
11	Analysis of Heritability and Shared Heritability Based on Genome-Wide Association Studies for Thirteen Cancer Types. Journal of the National Cancer Institute, 2015, 107, djv279.	6.3	152
12	A 13-Gene Signature Prognostic of HPV-Negative OSCC: Discovery and External Validation. Clinical Cancer Research, 2013, 19, 1197-1203.	7.0	124
13	A Meta-analysis of Individual Participant Data Reveals an Association between Circulating Levels of IGF-I and Prostate Cancer Risk. Cancer Research, 2016, 76, 2288-2300.	0.9	117
14	Characterization of Large Structural Genetic Mosaicism in Human Autosomes. American Journal of Human Genetics, 2015, 96, 487-497.	6.2	101
15	Wheat Bran and Soy Protein Feeding Do Not Alter Urinary Excretion of the Isoflavan Equol in Premenopausal Women. Journal of Nutrition, 2001, 131, 740-744.	2.9	99
16	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	12.8	88
17	Transcriptome analysis reveals differentially expressed lncRNAs between oral squamous cell carcinoma and healthy oral mucosa. Oncotarget, 2017, 8, 31521-31531.	1.8	87
18	Female chromosome X mosaicism is age-related and preferentially affects the inactivated X chromosome. Nature Communications, 2016, 7, 11843.	12.8	86

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19	Prostate carcinoma incidence in relation to prediagnostic circulating levels of insulin-like growth factor I, insulin-like growth factor binding protein 3, and insulin. Cancer, 2005, 103, 76-84.	4.1	83
20	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	7.9	83
21	Body Mass Index (BMI), BMI Change, and Overall Survival in Patients With SCLC and NSCLC: A Pooled Analysis of the International Lung Cancer Consortium. Journal of Thoracic Oncology, 2019, 14, 1594-1607.	1.1	81
22	Intentional Weight Loss and Endometrial Cancer Risk. Journal of Clinical Oncology, 2017, 35, 1189-1193.	1.6	80
23	Obesity, metabolic factors and risk of different histological types of lung cancer: A Mendelian randomization study. PLoS ONE, 2017, 12, e0177875.	2.5	79
24	Age at Last Birth in Relation to Risk of Endometrial Cancer: Pooled Analysis in the Epidemiology of Endometrial Cancer Consortium. American Journal of Epidemiology, 2012, 176, 269-278.	3.4	76
25	Low Free Testosterone and Prostate Cancer Risk: A Collaborative Analysis of 20 Prospective Studies. European Urology, 2018, 74, 585-594.	1.9	75
26	Causal relationships between body mass index, smoking and lung cancer: Univariable and multivariable Mendelian randomization. International Journal of Cancer, 2021, 148, 1077-1086.	5.1	73
27	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and AlcoholÂUse. Biological Psychiatry, 2019, 85, 946-955.	1.3	69
28	Alcohol drinking and head and neck cancer risk: the joint effect of intensity and duration. British Journal of Cancer, 2020, 123, 1456-1463.	6.4	65
29	Human Papillomavirusâ€“Positive Oral Cavity and Oropharyngeal Cancer Patients Do Not Have Better Qualityâ€ofâ€Life Trajectories. Otolaryngology - Head and Neck Surgery, 2012, 146, 739-745.	1.9	62
30	Salivary metabolite profiling distinguishes patients with oral cavity squamous cell carcinoma from normal controls. PLoS ONE, 2018, 13, e0204249.	2.5	62
31	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. Nature Communications, 2018, 9, 3221.	12.8	60
32	A Genetic Expression Profile Associated with Oral Cancer Identifies a Group of Patients at High Risk of Poor Survival. Clinical Cancer Research, 2009, 15, 1353-1361.	7.0	57
33	Pre-diagnostic Sleep Duration and Sleep Quality in Relation to Subsequent Cancer Survival. Journal of Clinical Sleep Medicine, 2016, 12, 495-503.	2.6	52
34	Serum Organochlorine Pesticide Residues and Risk of Testicular Germ Cell Carcinoma: A Population-Based Case-Control Study. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 2012-2018.	2.5	49
35	Risk of breast, endometrial, colorectal, and renal cancers in postmenopausal women in association with a body shape index and other anthropometric measures. Cancer Causes and Control, 2015, 26, 219-229.	1.8	49
36	Circulating Folate and Vitamin B12 and Risk of Prostate Cancer: A Collaborative Analysis of Individual Participant Data from Six Cohorts Including 6875 Cases and 8104 Controls. European Urology, 2016, 70, 941-951.	1.9	46

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37	Insulin, Estrogen, Inflammatory Markers, and Risk of Benign Proliferative Breast Disease. Cancer Research, 2014, 74, 3248-3258.	0.9	45
38	Fine mapping of MHC region in lung cancer highlights independent susceptibility loci by ethnicity. Nature Communications, 2018, 9, 3927.	12.8	43
39	Risk factors for endometrial cancer in black and white women: a pooled analysis from the epidemiology of endometrial cancer consortium (E2C2). Cancer Causes and Control, 2015, 26, 287-296.	1.8	40
40	Diabetes, metformin and incidence of and death from invasive cancer in postmenopausal women: Results from the women's health initiative. International Journal of Cancer, 2016, 138, 1915-1927.	5.1	39
41	Recommended Definitions of Aggressive Prostate Cancer for Etiologic Epidemiologic Research. Journal of the National Cancer Institute, 2021, 113, 727-734.	6.3	36
42	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. International Journal of Cancer, 2021, 148, 307-319.	5.1	35
43	Circulating sex hormones in relation to anthropometric, sociodemographic and behavioural factors in an international dataset of 12,300 men. PLoS ONE, 2017, 12, e0187741.	2.5	34
44	Prostate Cancer Risk in Relation to Selected Genetic Polymorphisms in Insulin-like Growth Factor-I, Insulin-like Growth Factor Binding Protein-3, and Insulin-like Growth Factor-I Receptor. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 2461-2466.	2.5	33
45	Transcriptomeâ€wide association study reveals candidate causal genes for lung cancer. International Journal of Cancer, 2020, 146, 1862-1878.	5.1	33
46	Joint effects of intensity and duration of cigarette smoking on the risk of head and neck cancer: A bivariate spline model approach. Oral Oncology, 2019, 94, 47-57.	1.5	32
47	Endogenous sex hormones and prostate cancer risk: a case-control study nested within the Carotene and Retinol Efficacy Trial. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 1410-6.	2.5	32
48	Cruciferous Vegetables Have Variable Effects on Biomarkers of Systemic Inflammation in a Randomized Controlled Trial in Healthy Young Adults. Journal of Nutrition, 2014, 144, 1850-1857.	2.9	31
49	Protein-altering germline mutations implicate novel genes related to lung cancer development. Nature Communications, 2020, 11, 2220.	12.8	31
50	The mutational landscape of recurrent versus nonrecurrent human papillomavirusâ€“related oropharyngeal cancer. JCI Insight, 2018, 3, .	5.0	30
51	Postmenopausal Androgen Metabolism and Endometrial Cancer Risk in the Womenâ€™s Health Initiative Observational Study. JNCI Cancer Spectrum, 2019, 3, pkz029.	2.9	30
52	Genome-wide interaction study of smoking behavior and non-small cell lung cancer risk in Caucasian population. Carcinogenesis, 2018, 39, 336-346.	2.8	29
53	Methylation-derived Neutrophil-to-Lymphocyte Ratio and Lung Cancer Risk in Heavy Smokers. Cancer Prevention Research, 2018, 11, 727-734.	1.5	28
54	Can a Metastatic Gene Expression Profile Outperform Tumor Size as a Predictor of Occult Lymph Node Metastasis in Oral Cancer Patients?. Clinical Cancer Research, 2011, 17, 2466-2473.	7.0	27

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55	The causal relevance of body mass index in different histological types of lung cancer: A Mendelian randomization study. Scientific Reports, 2016, 6, 31121.	3.3	27
56	Genetic modifiers of radon-induced lung cancer risk: a genome-wide interaction study in former uranium miners. International Archives of Occupational and Environmental Health, 2018, 91, 937-950.	2.3	27
57	Identification of 22 susceptibility loci associated with testicular germ cell tumors. Nature Communications, 2021, 12, 4487.	12.8	27
58	Association of Cancer Susceptibility Variants with Risk of Multiple Primary Cancers: The Population Architecture using Genomics and Epidemiology Study. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2568-2578.	2.5	23
59	Body mass index and lung cancer risk: a pooled analysis based on nested case-control studies from four cohort studies. BMC Cancer, 2018, 18, 220.	2.6	23
60	AHRR methylation in heavy smokers: associations with smoking, lung cancer risk, and lung cancer mortality. BMC Cancer, 2020, 20, 905.	2.6	22
61	The relationship between body-mass index and overall survival in non-small cell lung cancer by sex, smoking status, and race: A pooled analysis of 20,937 International lung Cancer consortium (ILCCO) patients. Lung Cancer, 2021, 152, 58-65.	2.0	22
62	Anthropometric measures and serum estrogen metabolism in postmenopausal women: the Womenâ€™s Health Initiative Observational Study. Breast Cancer Research, 2017, 19, 28.	5.0	21
63	Elevated Platelet Count Appears to Be Causally Associated with Increased Risk of Lung Cancer: A Mendelian Randomization Analysis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 935-942.	2.5	21
64	Comprehensive functional annotation of susceptibility variants identifies genetic heterogeneity between lung adenocarcinoma and squamous cell carcinoma. Frontiers of Medicine, 2021, 15, 275-291.	3.4	21
65	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. PLoS Genetics, 2021, 17, e1009254.	3.5	19
66	Cross-cancer pleiotropic analysis of endometrial cancer: PAGE and E2C2 consortia. Carcinogenesis, 2014, 35, 2068-2073.	2.8	18
67	A Large-Scale Genome-Wide Gene-Gene Interaction Study of Lung Cancer Susceptibility in Europeans With a Trans-Ethnic Validation in Asians. Journal of Thoracic Oncology, 2022, 17, 974-990.	1.1	18
68	Circulating free testosterone and risk of aggressive prostate cancer: Prospective and Mendelian randomisation analyses in international consortia. International Journal of Cancer, 2022, 151, 1033-1046.	5.1	18
69	Genetic Variation inCYP19A1and Risk of Breast Cancer and Fibrocystic Breast Conditions among Women in Shanghai, China. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 3457-3466.	2.5	16
70	Pregnancy History and Risk of Endometrial Cancer. Epidemiology, 2011, 22, 638-645.	2.7	16
71	Dairy foods, calcium, and risk of breast cancer overall and for subtypes defined by estrogen receptor status: a pooled analysis of 21 cohort studies. American Journal of Clinical Nutrition, 2021, 114, 450-461.	4.7	16
72	Androgen receptor polymorphisms and the incidence of prostate cancer. Cancer Epidemiology Biomarkers and Prevention, 2002, 11, 1033-40.	2.5	16

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73	Genome-Wide Loss of Heterozygosity and DNA Copy Number Aberration in HPV-Negative Oral Squamous Cell Carcinoma and Their Associations with Disease-Specific Survival. PLoS ONE, 2015, 10, e0135074.	2.5	15
74	Identification of lung cancer histology-specific variants applying Bayesian framework variant prioritization approaches within the TRICL and ILCCO consortia. Carcinogenesis, 2015, 36, 1314-1326.	2.8	15
75	A Sex-Specific Association between a 15q25 Variant and Upper Aerodigestive Tract Cancers. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 658-664.	2.5	14
76	Sitting, physical activity, and serum oestrogen metabolism in postmenopausal women: the Womenâ€™s Health Initiative Observational Study. British Journal of Cancer, 2017, 117, 1070-1078.	6.4	14
77	The associations of anthropometric, behavioural and sociodemographic factors with circulating concentrations of IGFâ€I, IGFâ€II, IGFBPâ€1, IGFBPâ€2 and IGFBPâ€3 in a pooled analysis of 16,024 men from 22 studies. International Journal of Cancer, 2019, 145, 3244-3256.	5.1	14
78	Pregnancy outcomes and risk of endometrial cancer: A pooled analysis of individual participant data in the Epidemiology of Endometrial Cancer Consortium. International Journal of Cancer, 2021, 148, 2068-2078.	5.1	14
79	Body Mass Index Genetic Risk Score and Endometrial Cancer Risk. PLoS ONE, 2015, 10, e0143256.	2.5	13
80	Telomere Length and Lung Cancer Mortality among Heavy Smokers. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 829-837.	2.5	13
81	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 217-228.	2.5	12
82	Nested caseâ€“control study of telomere length and lung cancer risk among heavy smokers in the Î²-Carotene and Retinol Efficacy Trial. British Journal of Cancer, 2018, 118, 1513-1517.	6.4	11
83	Susceptibility loci of CNOT6 in the general mRNA degradation pathway and lung cancer riskâ€”A reâ€analysis of eight GWASs. Molecular Carcinogenesis, 2017, 56, 1227-1238.	2.7	10
84	Associations between Genetically Predicted Circulating Protein Concentrations and Endometrial Cancer Risk. Cancers, 2021, 13, 2088.	3.7	10
85	Pre-diagnosis neutrophil-to-lymphocyte ratio and mortality in individuals who develop lung cancer. Cancer Causes and Control, 2021, 32, 1227-1236.	1.8	10
86	Impact of tumoral carbonic anhydrase IX and Kiâ€‘67 expression on survival in oral squamous cell carcinoma patients. Oncology Letters, 2017, 14, 5434-5442.	1.8	9
87	A multi-omics study links TNS3 and SEPT7 to long-term former smoking NSCLC survival. Npj Precision Oncology, 2021, 5, 39.	5.4	9
88	Epidemiology of 40 blood biomarkers of one-carbon metabolism, vitamin status, inflammation, and renal and endothelial function among cancer-free older adults. Scientific Reports, 2021, 11, 13805.	3.3	9
89	Genomeâ€wide association study of INDELs identified four novel susceptibility loci associated with lung cancer risk. International Journal of Cancer, 2020, 146, 2855-2864.	5.1	7
90	Integration of multiomic annotation data to prioritize and characterize inflammation and immuneâ€related risk variants in squamous cell lung cancer. Genetic Epidemiology, 2021, 45, 99-114.	1.3	7

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91	Serum polychlorinated biphenyl (PCB) levels and risk of testicular germ cell tumors: A population-based case-control study in Connecticut and Massachusetts. Environmental Pollution, 2021, 273, 116458.	7.5	7
92	Consumption of alcoholic beverages in adolescence and adulthood and risk of testicular germ cell tumor. International Journal of Cancer, 2016, 139, 2405-2414.	5.1	6
93	Common TDP1 Polymorphisms in Relation to Survival among Small Cell Lung Cancer Patients: A Multicenter Study from the International Lung Cancer Consortium. Clinical Cancer Research, 2017, 23, 7550-7557.	7.0	6
94	Association Analysis of Driver Geneâ€"Related Genetic Variants Identified Novel Lung Cancer Susceptibility Loci with 20,871 Lung Cancer Cases and 15,971 Controls. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1423-1429.	2.5	6
95	Systematic analyses of regulatory variants in DNase I hypersensitive sites identified two novel lung cancer susceptibility loci. Carcinogenesis, 2019, 40, 432-440.	2.8	5
96	Prediction of survival of HPV16-negative, p16-negative oral cavity cancer patients using a 13-gene signature: A multicenter study using FFPE samples. Oral Oncology, 2020, 100, 104487.	1.5	4
97	Dataset of testicular germ cell tumors (TGCT) risk associated with serum polychlorinated biphenyl (PCB) by age at diagnosis and histologic types. Data in Brief, 2021, 36, 107014.	1.0	4
98	Genome-wide interaction analysis identified low-frequency variants with sex disparity in lung cancer risk. Human Molecular Genetics, 2022, 31, 2831-2843.	2.9	4
99	Association Study between Polymorphisms in DNA Methylationâ€"Related Genes and Testicular Germ Cell Tumor Risk. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1769-1779.	2.5	4
100	Dietary glycaemic index, glycaemic load and head and neck cancer risk: a pooled analysis in an international consortium. British Journal of Cancer, 2020, 122, 745-748.	6.4	3
101	Association of urinary levels of 6-sulfatoxymelatonin (aMT6s) with prevalent and incident hypertension. Chronobiology International, 2018, 35, 1-7.	2.0	2
102	Cardiovascular Outcomes in Relation to Antihypertensive Medication Use in Women with and Without Cancer: Results from the Women's Health Initiative. Oncologist, 2020, 25, 712-721.	3.7	2
103	Insulin-like growth factor-I, insulin-like growth factor binding protein-3 and the risk of fibrocystic breast conditions among Chinese women. International Journal of Cancer, 2006, 118, 2303-2309.	5.1	1
104	Accounting for EGFR Mutations in Epidemiologic Analyses of Nonâ€"Small Cell Lung Cancers: Examples Based on the International Lung Cancer Consortium Data. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 679-687.	2.5	1
105	Geneâ€"gene interaction of AhRwith and within the Wntcascade affects susceptibility to lung cancer. European Journal of Medical Research, 2022, 27, 14.	2.2	1
106	THE AUTHORS REPLY. American Journal of Epidemiology, 2017, 186, 625-626.	3.4	0
107	A reply to â€œLung cancer outcomes: Are BMI and race clinically relevant?â€• Lung Cancer, 2021, 154, 225-226.	2.0	0