

Iona Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,218
citations

279487

23
h-index

276539

41
g-index

74
all docs

74
docs citations

74
times ranked

4687
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic analyses of diverse populations improves discovery for complex traits. <i>Nature</i> , 2019, 570, 514-518.	13.7	679
2	Associations of plasma trimethylamine N-oxide, choline, carnitine, and betaine with inflammatory and cardiometabolic risk biomarkers and the fecal microbiome in the Multiethnic Cohort Adiposity Phenotype Study. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1226-1234.	2.2	96
3	Risk Stratification for Second Primary Lung Cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, 2893-2899.	0.8	92
4	Propensity for Intra-abdominal and Hepatic Adiposity Varies Among Ethnic Groups. <i>Gastroenterology</i> , 2019, 156, 966-975.e10.	0.6	80
5	CHRNA5 Risk Variant Predicts Delayed Smoking Cessation and Earlier Lung Cancer Diagnosis—A Meta-Analysis. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	72
6	Strategies for Enriching Variant Coverage in Candidate Disease Loci on a Multiethnic Genotyping Array. <i>PLoS ONE</i> , 2016, 11, e0167758.	1.1	72
7	Diabetes and Other Comorbidities in Breast Cancer Survival by Race/Ethnicity: The California Breast Cancer Survivorship Consortium (CBCSC). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 361-368.	1.1	62
8	Association between ambient air pollution and breast cancer risk: The multiethnic cohort study. <i>International Journal of Cancer</i> , 2020, 146, 699-711.	2.3	60
9	Tobacco Smoking and Risk of Second Primary Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2021, 16, 968-979.	0.5	54
10	Genetic Determinants of Circulating Insulin-Like Growth Factor (IGF)-I, IGF Binding Protein (BP)-1, and IGFBP-3 Levels in a Multiethnic Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3660-3666.	1.8	50
11	Characterization of the gut microbiome in epidemiologic studies: the multiethnic cohort experience. <i>Annals of Epidemiology</i> , 2016, 26, 373-379.	0.9	42
12	Recommended Definitions of Aggressive Prostate Cancer for Etiologic Epidemiologic Research. <i>Journal of the National Cancer Institute</i> , 2021, 113, 727-734.	3.0	36
13	Pleiotropic effects of genetic risk variants for other cancers on colorectal cancer risk: PAGE, GECCO and CCFR consortia. <i>Gut</i> , 2014, 63, 800-807.	6.1	35
14	Cancer Research in Asian American, Native Hawaiian, and Pacific Islander Populations: Accelerating Cancer Knowledge by Acknowledging and Leveraging Heterogeneity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2202-2205.	1.1	33
15	The Future of Genomic Studies Must Be Globally Representative: Perspectives from PAGE. <i>Annual Review of Genomics and Human Genetics</i> , 2019, 20, 181-200.	2.5	33
16	Urinary phthalate exposures and risk of breast cancer: the Multiethnic Cohort study. <i>Breast Cancer Research</i> , 2021, 23, 44.	2.2	33
17	Body mass index, comorbidities, and hormonal factors in relation to meningioma in an ethnically diverse population: the Multiethnic Cohort. <i>Neuro-Oncology</i> , 2019, 21, 498-507.	0.6	32
18	Temporal Variability and Stability of the Fecal Microbiome: The Multiethnic Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 154-162.	1.1	31

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19	Fine-mapping of lipid regions in global populations discovers ethnic-specific signals and refines previously identified lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 5500-5512.	1.4	29
20	Spatiotemporal estimation of historical PM 2.5 concentrations using PM 10 , meteorological variables, and spatial effect. <i>Atmospheric Environment</i> , 2017, 166, 182-191.	1.9	28
21	Population-specific reference panels are crucial for genetic analyses: an example of the CREBRF locus in Native Hawaiians. <i>Human Molecular Genetics</i> , 2020, 29, 2275-2284.	1.4	27
22	Anti-Asian American Racism: A Wake-Up Call for Population-Based Cancer Research. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1455-1458.	1.1	27
23	Characterizing the neighborhood obesogenic environment in the Multiethnic Cohort: a multi-level infrastructure for cancer health disparities research. <i>Cancer Causes and Control</i> , 2018, 29, 167-183.	0.8	26
24	The influence of neighborhood socioeconomic status and ethnic enclave on endometrial cancer mortality among Hispanics and Asian Americans/Pacific Islanders in California. <i>Cancer Causes and Control</i> , 2018, 29, 875-881.	0.8	25
25	Lung Cancer Survival Among Chinese Americans, 2000 to 2010. <i>Journal of Global Oncology</i> , 2016, 2, 30-38.	0.5	24
26	Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. <i>Nature Communications</i> , 2020, 11, 27.	5.8	23
27	Incidence of Lung Cancer Among Never-Smoking Asian American, Native Hawaiian, and Pacific Islander Females. <i>Journal of the National Cancer Institute</i> , 2022, 114, 78-86.	3.0	23
28	Genome-Wide Association Study of Liver Fat: The Multiethnic Cohort Adiposity Phenotype Study. <i>Hepatology Communications</i> , 2020, 4, 1112-1123.	2.0	21
29	Risk of breast cancer and prediagnostic urinary excretion of bisphenol A, triclosan and parabens: The Multiethnic Cohort Study. <i>International Journal of Cancer</i> , 2021, 149, 1426-1434.	2.3	21
30	The impact of global and local Polynesian genetic ancestry on complex traits in Native Hawaiians. <i>PLoS Genetics</i> , 2021, 17, e1009273.	1.5	20
31	An Analysis of Lung Cancer Screening Beliefs and Practice Patterns for Community Providers Compared to Academic Providers. <i>Cancer Control</i> , 2018, 25, 107327481880690.	0.7	19
32	Population Genetic Structure and Origins of Native Hawaiians in the Multiethnic Cohort Study. <i>PLoS ONE</i> , 2012, 7, e47881.	1.1	19
33	MIC1 and IL1RN Genetic Variation and Advanced Prostate Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1309-1311.	1.1	18
34	Risk of Alzheimer's disease and related dementia by sex and race/ethnicity: The Multiethnic Cohort Study. <i>Alzheimer's and Dementia</i> , 2022, 18, 1625-1634.	0.4	18
35	Circulating Biomarker Score for Visceral Fat and Risks of Incident Colorectal and Postmenopausal Breast Cancer: The Multiethnic Cohort Adiposity Phenotype Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 966-973.	1.1	17
36	Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study. <i>PLoS Genetics</i> , 2020, 16, e1008684.	1.5	17

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37	Discovery, fine-mapping, and conditional analyses of genetic variants associated with C-reactive protein in multiethnic populations using the Metabochip in the Population Architecture using Genomics and Epidemiology (PAGE) study. <i>Human Molecular Genetics</i> , 2018, 27, 2940-2953.	1.4	16
38	Association Between Outdoor Air Pollution and Risk of Malignant and Benign Brain Tumors: The Multiethnic Cohort Study. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkz107.	1.4	16
39	Associations of the gut microbiome with hepatic adiposity in the Multiethnic Cohort Adiposity Phenotype Study. <i>Gut Microbes</i> , 2021, 13, 1965463.	4.3	16
40	BPA, Parabens, and Phthalates in Relation to Endometrial Cancer Risk: A Caseâ€“Control Study Nested in the Multiethnic Cohort. <i>Environmental Health Perspectives</i> , 2021, 129, 57702.	2.8	16
41	Joint Associations of Race, Ethnicity, and Socioeconomic Status With Mortality in the Multiethnic Cohort Study. <i>JAMA Network Open</i> , 2022, 5, e226370.	2.8	14
42	The Survival Impact of Second Primary Lung Cancer in Patients With Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2022, 114, 618-625.	3.0	13
43	Association of change in the neighborhood obesogenic environment with colorectal cancer risk: The Multiethnic Cohort Study. <i>SSM - Population Health</i> , 2020, 10, 100532.	1.3	10
44	Development and Validation of a Risk Prediction Model for Second Primary Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2022, 114, 87-96.	3.0	10
45	Integrating Electronic Health Record, Cancer Registry, and Geospatial Data to Study Lung Cancer in Asian American, Native Hawaiian, and Pacific Islander Ethnic Groups. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1506-1516.	1.1	8
46	Smoking Cessation After Lung Cancer Diagnosis and the Risk of Second Primary Lung Cancer: The Multiethnic Cohort Study. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab076.	1.4	8
47	The association between ambient air pollutants and pancreatic cancer in the Multiethnic Cohort Study. <i>Environmental Research</i> , 2021, 202, 111608.	3.7	8
48	Prognostic utility of selfâ€“reported sarcopenia (SARCâ€“F) in the Multiethnic Cohort. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 987-1002.	2.9	8
49	Outdoor ambient air pollution and breast cancer survival among California participants of the Multiethnic Cohort Study. <i>Environment International</i> , 2022, 161, 107088.	4.8	8
50	Racial/Ethnic Disparities in Survival after Breast Cancer Diagnosis by Estrogen and Progesterone Receptor Status: A Pooled Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 351-363.	1.1	7
51	Modifying effects of race and ethnicity and <i>APOE</i> on the association of physical activity with risk of Alzheimer's disease and related dementias. <i>Alzheimer's and Dementia</i> , 2023, 19, 507-517.	0.4	7
52	Racial and Ethnic Disparities in Lung Cancer Screening by the 2021 USPSTF Guidelines Versus Risk-Based Criteria: The Multiethnic Cohort Study. <i>JNCI Cancer Spectrum</i> , 2022, 6, .	1.4	7
53	Association between mitochondrial genetic variation and breast cancer risk: The Multiethnic Cohort. <i>PLoS ONE</i> , 2019, 14, e0222284.	1.1	6
54	Hospital Characteristics and Breast Cancer Survival in the California Breast Cancer Survivorship Consortium. <i>JCO Oncology Practice</i> , 2020, 16, e517-e528.	1.4	6

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55	Association between Airport-Related Ultrafine Particles and Risk of Malignant Brain Cancer: A Multiethnic Cohort Study. <i>Cancer Research</i> , 2021, 81, 4360-4369.	0.4	5
56	Testicular cancer in Hispanics: incidence of subtypes over time according to neighborhood sociodemographic factors in California. <i>Cancer Causes and Control</i> , 2020, 31, 713-721.	0.8	5
57	Contributions of Social Factors to Disparities in Prostate Cancer Risk Profiles among Black Men and Non-Hispanic White Men with Prostate Cancer in California. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 404-412.	1.1	5
58	Predicted gene expression in ancestrally diverse populations leads to discovery of susceptibility loci for lifestyle and cardiometabolic traits. <i>American Journal of Human Genetics</i> , 2022, 109, 669-679.	2.6	5
59	Factors Associated With Treatment of Clinical Stage I Non-small-cell Lung Cancer: A Population-based Analysis. <i>Clinical Lung Cancer</i> , 2018, 19, e745-e758.	1.1	4
60	Cancer Mortality Patterns by Birthplace and Generation Status of Mexican Latinos: The Multiethnic Cohort. <i>Journal of the National Cancer Institute</i> , 2022, 114, 959-968.	3.0	3
61	Monitoring Prostate Cancer Incidence Trends: Value of Multiple Imputation and Delay Adjustment to Discern Disparities in Stage-specific Trends. <i>European Urology</i> , 2021, 79, 42-43.	0.9	2
62	Genome-wide association study of pancreatic fat: The Multiethnic Cohort Adiposity Phenotype Study. <i>PLoS ONE</i> , 2021, 16, e0249615.	1.1	2
63	Cholesterol lowering drug use and breast cancer survival: the Multiethnic Cohort Study. <i>Breast Cancer Research and Treatment</i> , 2021, 190, 165-173.	1.1	2
64	Urinary 6-sulfatoxymelatonin Levels and Prostate Cancer Risk among Men in the Multiethnic Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 688-691.	1.1	1
65	The role of genetic variation in Toll-like receptor 4 in prostate cancer susceptibility: a review. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 143-149.	1.6	0
66	Response to Molakatalla and Kumar. <i>American Journal of Gastroenterology</i> , 2014, 109, 1687.	0.2	0
67	Title is missing!. , 2020, 16, e1008684.		0
68	Title is missing!. , 2020, 16, e1008684.		0
69	Title is missing!. , 2020, 16, e1008684.		0
70	Title is missing!. , 2020, 16, e1008684.		0
71	Title is missing!. , 2020, 16, e1008684.		0
72	Title is missing!. , 2020, 16, e1008684.		0

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73	Neighborhood Obesogenic Environment and Risk of Prostate Cancer: The Multiethnic Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 972-981.	1.1	0