

Iona Cheng

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

1,034
citations

17
h-index

31
g-index

74
ext. papers

1,679
ext. citations

6.5
avg, IF

3.85
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 65 | Genetic analyses of diverse populations improves discovery for complex traits. <i>Nature</i> , 2019 , 570, 514-518. | 56.4 | 291 |
| 64 | 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, | 9.7 | 55 |
| 63 | 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, 361-8 | 4 | 53 |
| 62 | Risk Stratification for Second Primary Lung Cancer. <i>Journal of Clinical Oncology</i> , 2017 , 35, 2893-2899 | 2.2 | 50 |
| 61 | 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, 3660-6 | 5.6 | 45 |
| 60 | Propensity for Intra-abdominal and Hepatic Adiposity Varies Among Ethnic Groups. <i>Gastroenterology</i> , 2019 , 156, 966-975.e10 | 13.3 | 44 |
| 59 | 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 | 7 | 44 |
| 58 | Strategies for Enriching Variant Coverage in Candidate Disease Loci on a Multiethnic Genotyping Array. <i>PLoS ONE</i> , 2016 , 11, e0167758 | 3.7 | 39 |
| 57 | Characterization of the gut microbiome in epidemiologic studies: the multiethnic cohort experience. <i>Annals of Epidemiology</i> , 2016 , 26, 373-9 | 6.4 | 32 |
| 56 | Association between ambient air pollution and breast cancer risk: The multiethnic cohort study. <i>International Journal of Cancer</i> , 2020 , 146, 699-711 | 7.5 | 28 |
| 55 | Pleiotropic effects of genetic risk variants for other cancers on colorectal cancer risk: PAGE, GECCO and CCFR consortia. <i>Gut</i> , 2014 , 63, 800-7 | 19.2 | 27 |
| 54 | Spatiotemporal estimation of historical PM 2.5 concentrations using PM 10 , meteorological variables, and spatial effect. <i>Atmospheric Environment</i> , 2017 , 166, 182-191 | 5.3 | 23 |
| 53 | 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 | 5.6 | 22 |
| 52 | 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, 2202-5 | 4 | 21 |
| 51 | Temporal Variability and Stability of the Fecal Microbiome: The Multiethnic Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 154-162 | 4 | 20 |
| 50 | 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 | 1 | 19 |
| 49 | MIC1 and IL1RN genetic variation and advanced prostate cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 1309-11 | 4 | 18 |

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| 48 | 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 | 2.8 | 15 |
| 47 | Population genetic structure and origins of Native Hawaiians in the multiethnic cohort study. <i>PLoS ONE</i> , 2012 , 7, e47881 | 3.7 | 15 |
| 46 | 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 | 2.8 | 13 |
| 45 | An Analysis of Lung Cancer Screening Beliefs and Practice Patterns for Community Providers Compared to Academic Providers. <i>Cancer Control</i> , 2018 , 25, 1073274818806900 | 2.2 | 13 |
| 44 | 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 | 4 | 12 |
| 43 | Recommended Definitions of Aggressive Prostate Cancer for Etiologic Epidemiologic Research. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 727-734 | 9.7 | 12 |
| 42 | 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 | 9.7 | 11 |
| 41 | Tobacco Smoking and Risk of Second Primary Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 968-989 | 9.7 | 11 |
| 40 | 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 | 4.6 | 10 |
| 39 | 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 | 5.6 | 9 |
| 38 | Genome-Wide Association Study of Liver Fat: The Multiethnic Cohort Adiposity Phenotype Study. <i>Hepatology Communications</i> , 2020 , 4, 1112-1123 | 6 | 8 |
| 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 | 5.6 | 8 |
| 36 | Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. <i>Nature Communications</i> , 2020 , 11, 27 | 17.4 | 7 |
| 35 | The impact of global and local Polynesian genetic ancestry on complex traits in Native Hawaiians. <i>PLoS Genetics</i> , 2021 , 17, e1009273 | 6 | 7 |
| 34 | Lung Cancer Survival Among Chinese Americans, 2000 to 2010. <i>Journal of Global Oncology</i> , 2016 , 2, 30-38.6 | 3.6 | 6 |
| 33 | 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 | 6 | 5 |
| 32 | Association of change in the neighborhood obesogenic environment with colorectal cancer risk: The Multiethnic Cohort Study. <i>SSM - Population Health</i> , 2020 , 10, 100532 | 3.8 | 4 |
| 31 | Urinary phthalate exposures and risk of breast cancer: the Multiethnic Cohort study. <i>Breast Cancer Research</i> , 2021 , 23, 44 | 8.3 | 4 |

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| 30 | Population specific reference panels are crucial for the genetic analyses of Native Hawaiians: an example of the CREBRF locus | | 3 |
| 29 | Anti-Asian American Racism: A Wake-Up Call for Population-Based Cancer Research. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 1455-1458 | 4 | 3 |
| 28 | The association between ambient air pollutants and pancreatic cancer in the Multiethnic Cohort Study. <i>Environmental Research</i> , 2021 , 202, 111608 | 7.9 | 3 |
| 27 | 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 | 4 | 2 |
| 26 | 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 | 2.8 | 2 |
| 25 | 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 | 4 | 2 |
| 24 | Incidence of Lung Cancer Among Never-Smoking Asian American, Native Hawaiian, and Pacific Islander Females. <i>Journal of the National Cancer Institute</i> , 2021 , | 9.7 | 2 |
| 23 | Association between mitochondrial genetic variation and breast cancer risk: The Multiethnic Cohort. <i>PLoS ONE</i> , 2019 , 14, e0222284 | 3.7 | 1 |
| 22 | Hospital Characteristics and Breast Cancer Survival in the California Breast Cancer Survivorship Consortium. <i>JCO Oncology Practice</i> , 2020 , 16, e517-e528 | 2.3 | 1 |
| 21 | 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 | 4.9 | 1 |
| 20 | Prognostic utility of self-reported sarcopenia (SARC-F) in the Multiethnic Cohort.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 , | 10.3 | 1 |
| 19 | Outdoor ambient air pollution and breast cancer survival among California participants of the Multiethnic Cohort Study.. <i>Environment International</i> , 2022 , 161, 107088 | 12.9 | 1 |
| 18 | BPA, Parabens, and Phthalates in Relation to Endometrial Cancer Risk: A Case-Control Study Nested in the Multiethnic Cohort. <i>Environmental Health Perspectives</i> , 2021 , 129, 57702 | 8.4 | 1 |
| 17 | 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 | 7.5 | 1 |
| 16 | Associations of the gut microbiome with hepatic adiposity in the Multiethnic Cohort Adiposity Phenotype Study. <i>Gut Microbes</i> , 2021 , 13, 1965463 | 8.8 | 1 |
| 15 | 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 , | 11 | 1 |
| 14 | Association between Airport-Related Ultrafine Particles and Risk of Malignant Brain Cancer: A Multiethnic Cohort Study. <i>Cancer Research</i> , 2021 , 81, 4360-4369 | 10.1 | 0 |
| 13 | Genome-wide association study of pancreatic fat: The Multiethnic Cohort Adiposity Phenotype Study. <i>PLoS ONE</i> , 2021 , 16, e0249615 | 3.7 | 0 |

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| 12 | 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 | 4.6 | ○ |
| 11 | Cholesterol lowering drug use and breast cancer survival: the Multiethnic Cohort Study. <i>Breast Cancer Research and Treatment</i> , 2021 , 190, 165-173 | 4.4 | ○ |
| 10 | Joint Associations of Race, Ethnicity, and Socioeconomic Status With Mortality in the Multiethnic Cohort Study.. <i>JAMA Network Open</i> , 2022 , 5, e226370 | 10.4 | ○ |
| 9 | Response to Molakatalla and Kumar. <i>American Journal of Gastroenterology</i> , 2014 , 109, 1687 | 0.7 | |
| 8 | 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, 143-9 | | |
| 7 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study 2020 , 16, e1008684 | | |
| 6 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study 2020 , 16, e1008684 | | |
| 5 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study 2020 , 16, e1008684 | | |
| 4 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study 2020 , 16, e1008684 | | |
| 3 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study 2020 , 16, e1008684 | | |
| 2 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study 2020 , 16, e1008684 | | |
| 1 | Neighborhood Obesogenic Environment and Risk of Prostate Cancer: The Multiethnic Cohort.. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022 , 31, 972-981 | 4 | |