

Hui Cai

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,734
citations

159585

30
h-index

118850

62
g-index

106
all docs

106
docs citations

106
times ranked

9649
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Association analysis identifies 65 new breast cancer risk loci. <i>Nature</i> , 2017, 551, 92-94. | 27.8 | 1,099 |
| 2 | Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. <i>Nature Genetics</i> , 2015, 47, 373-380. | 21.4 | 513 |
| 3 | Multiple independent variants at the TERT locus are associated with telomere length and risks of breast and ovarian cancer. <i>Nature Genetics</i> , 2013, 45, 371-384. | 21.4 | 493 |
| 4 | Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. <i>Human Molecular Genetics</i> , 2017, 26, 1770-1784. | 2.9 | 135 |
| 5 | Association between type 2 diabetes and risk of cancer mortality: a pooled analysis of over 771,000 individuals in the Asia Cohort Consortium. <i>Diabetologia</i> , 2017, 60, 1022-1032. | 6.3 | 132 |
| 6 | Cohort Profile: The Shanghai Men's Health Study. <i>International Journal of Epidemiology</i> , 2015, 44, 810-818. | 1.9 | 111 |
| 7 | Association of Diabetes With All-Cause and Cause-Specific Mortality in Asia. <i>JAMA Network Open</i> , 2019, 2, e192696. | 5.9 | 103 |
| 8 | Tobacco Smoking and Mortality in Asia. <i>JAMA Network Open</i> , 2019, 2, e191474. | 5.9 | 102 |
| 9 | Prospective Evaluation of the Association of Nut/Peanut Consumption With Total and Cause-Specific Mortality. <i>JAMA Internal Medicine</i> , 2015, 175, 755. | 5.1 | 86 |
| 10 | Extended linkography and distance graph in design evaluation: an empirical study of the dual effects of inspiration sources in creative design. <i>Design Studies</i> , 2010, 31, 146-168. | 3.1 | 78 |
| 11 | Fine-Scale Mapping of the 5q11.2 Breast Cancer Locus Reveals at Least Three Independent Risk Variants Regulating MAP3K1. <i>American Journal of Human Genetics</i> , 2015, 96, 5-20. | 6.2 | 76 |
| 12 | Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052. | 12.8 | 75 |
| 13 | Age at Menarche and Natural Menopause and Number of Reproductive Years in Association with Mortality: Results from a Median Follow-Up of 11.2 Years among 31,955 Naturally Menopausal Chinese Women. <i>PLoS ONE</i> , 2014, 9, e103673. | 2.5 | 64 |
| 14 | A Prospective Study of Dietary Patterns and Mortality in Chinese Women. <i>Epidemiology</i> , 2007, 18, 393-401. | 2.7 | 61 |
| 15 | Tumor tissue microRNA expression in association with triple-negative breast cancer outcomes. <i>Breast Cancer Research and Treatment</i> , 2015, 152, 183-191. | 2.5 | 59 |
| 16 | Association of Sleep Duration With All- and Major-Cause Mortality Among Adults in Japan, China, Singapore, and Korea. <i>JAMA Network Open</i> , 2021, 4, e2122837. | 5.9 | 58 |
| 17 | Fine-scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. <i>International Journal of Cancer</i> , 2016, 139, 1303-1317. | 5.1 | 51 |
| 18 | Fruit and vegetable consumption, <i>Helicobacter pylori</i> antibodies, and gastric cancer risk: A pooled analysis of prospective studies in China, Japan, and Korea. <i>International Journal of Cancer</i> , 2017, 140, 591-599. | 5.1 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Depressive symptoms and their association with social determinants and chronic diseases in middle-aged and elderly Chinese people. <i>Scientific Reports</i> , 2018, 8, 3841. | 3.3 | 46 |
| 20 | Long-term diet quality is associated with gut microbiome diversity and composition among urban Chinese adults. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 684-694. | 4.7 | 42 |
| 21 | Prospective study of blood metabolites associated with colorectal cancer risk. <i>International Journal of Cancer</i> , 2018, 143, 527-534. | 5.1 | 41 |
| 22 | Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. <i>Human Molecular Genetics</i> , 2015, 24, 2966-2984. | 2.9 | 40 |
| 23 | Body mass index and weight change in relation to triple-negative breast cancer survival. <i>Cancer Causes and Control</i> , 2016, 27, 229-236. | 1.8 | 40 |
| 24 | Performance-driven design with the support of digital tools: Applying discrete event simulation and space syntax on the design of the emergency department. <i>Frontiers of Architectural Research</i> , 2014, 3, 250-264. | 2.8 | 39 |
| 25 | Identification and characterization of novel associations in the CASP8/ALS2CR12 region on chromosome 2 with breast cancer risk. <i>Human Molecular Genetics</i> , 2015, 24, 285-298. | 2.9 | 38 |
| 26 | Coffee and tea consumption and mortality from all causes, cardiovascular disease and cancer: a pooled analysis of prospective studies from the Asia Cohort Consortium. <i>International Journal of Epidemiology</i> , 2022, 51, 626-640. | 1.9 | 37 |
| 27 | Prospective metabolomics study identifies potential novel blood metabolites associated with pancreatic cancer risk. <i>International Journal of Cancer</i> , 2018, 143, 2161-2167. | 5.1 | 36 |
| 28 | Long-term Diet Quality and Risk of Type 2 Diabetes Among Urban Chinese Adults. <i>Diabetes Care</i> , 2018, 41, 723-730. | 8.6 | 35 |
| 29 | Gene expression in triple-negative breast cancer in relation to survival. <i>Breast Cancer Research and Treatment</i> , 2018, 171, 199-207. | 2.5 | 35 |
| 30 | Dietary glycemic index, glycemic load, and refined carbohydrates are associated with risk of stroke: a prospective cohort study in urban Chinese women. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 1345-1351. | 4.7 | 34 |
| 31 | Green tea consumption and risk of type 2 diabetes in Chinese adults: the Shanghai Women's Health Study and the Shanghai Men's Health Study. <i>International Journal of Epidemiology</i> , 2018, 47, 1887-1896. | 1.9 | 34 |
| 32 | Association of leisure-time physical activity with total and cause-specific mortality: a pooled analysis of nearly a half million adults in the Asia Cohort Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 771-779. | 1.9 | 32 |
| 33 | Use of Antihypertensive Medications and Survival Rates for Breast, Colorectal, Lung, or Stomach Cancer. <i>American Journal of Epidemiology</i> , 2019, 188, 1512-1528. | 3.4 | 32 |
| 34 | Association of Adult Weight Gain With Major Health Outcomes Among Middle-aged Chinese Persons With Low Body Weight in Early Adulthood. <i>JAMA Network Open</i> , 2019, 2, e1917371. | 5.9 | 32 |
| 35 | A prospective study of dietary polyunsaturated fatty acids intake and lung cancer risk. <i>International Journal of Cancer</i> , 2018, 143, 2225-2237. | 5.1 | 28 |
| 36 | Adherence to Dietary Recommendations among Long-Term Breast Cancer Survivors and Cancer Outcome Associations. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 386-395. | 2.5 | 27 |

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|----|---|------|-----------|
| 37 | Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1145-1156. | 4.7 | 27 |
| 38 | Prospective cohort studies of birth weight and risk of obesity, diabetes, and hypertension in adulthood among the Chinese population. <i>Journal of Diabetes</i> , 2019, 11, 55-64. | 1.8 | 25 |
| 39 | A Systematic Literature Review of Empirical Studies on Decentralized Nursing Stations. <i>Herd</i> , 2019, 12, 44-68. | 1.5 | 25 |
| 40 | Fine-Scale Mapping of the 4q24 Locus Identifies Two Independent Loci Associated with Breast Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1680-1691. | 2.5 | 24 |
| 41 | Prediagnosis body mass index and waist-to-hip circumference ratio in association with colorectal cancer survival. <i>International Journal of Cancer</i> , 2017, 140, 292-301. | 5.1 | 24 |
| 42 | Green tea intake and risk of incident kidney stones: Prospective cohort studies in middle-aged and elderly Chinese individuals. <i>International Journal of Urology</i> , 2019, 26, 241-246. | 1.0 | 24 |
| 43 | <i>ALDH1A1</i> mRNA expression in association with prognosis of triple-negative breast cancer. <i>Oncotarget</i> , 2015, 6, 41360-41369. | 1.8 | 23 |
| 44 | Dietary fatty acids and colorectal cancer risk in men: A report from the Shanghai Men's Health Study and a meta-analysis. <i>International Journal of Cancer</i> , 2021, 148, 77-89. | 5.1 | 23 |
| 45 | Polygenic risk modeling for prediction of epithelial ovarian cancer risk. <i>European Journal of Human Genetics</i> , 2022, 30, 349-362. | 2.8 | 23 |
| 46 | Predictors and long-term reproducibility of urinary phthalate metabolites in middle-aged men and women living in urban Shanghai. <i>Environment International</i> , 2015, 84, 94-106. | 10.0 | 20 |
| 47 | A Prospective Study of Urinary Prostaglandin E2 Metabolite, Helicobacter pylori Antibodies, and Gastric Cancer Risk. <i>Clinical Infectious Diseases</i> , 2017, 64, 1380-1386. | 5.8 | 19 |
| 48 | Accelerated aging in breast cancer survivors and its association with mortality and cancer recurrence. <i>Breast Cancer Research and Treatment</i> , 2020, 180, 449-459. | 2.5 | 19 |
| 49 | Body Mass Index and Thyroid Cancer Risk: A Pooled Analysis of Half a Million Men and Women in the Asia Cohort Consortium. <i>Thyroid</i> , 2022, 32, 306-314. | 4.5 | 17 |
| 50 | Nephrolithiasis Among Middle Aged and Elderly Urban Chinese: A Report from Prospective Cohort Studies in Shanghai. <i>Journal of Endourology</i> , 2017, 31, 1327-1334. | 2.1 | 16 |
| 51 | Body mass index, waist-to-hip ratio and late outcomes: a report from the Shanghai Breast Cancer Survival Study. <i>Scientific Reports</i> , 2017, 7, 6996. | 3.3 | 16 |
| 52 | Physical Activity and Pancreatic Cancer Risk among Urban Chinese: Results from Two Prospective Cohort Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 479-487. | 2.5 | 16 |
| 53 | A Systems Framework for Understanding the Environment's Relation to Clinical Teamwork: A Systematic Literature Review of Empirical Studies. <i>Environment and Behavior</i> , 2020, 52, 726-760. | 4.7 | 16 |
| 54 | Plant and Animal Protein Intake and Risk of Incident Kidney Stones: Results from the Shanghai Men's and Women's Health Studies. <i>Journal of Urology</i> , 2019, 202, 1217-1223. | 0.4 | 15 |

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|----|--|-----|-----------|
| 55 | Using Discrete Event Simulation (DES) To Support Performance-Driven Healthcare Design. <i>Herd</i> , 2019, 12, 89-106. | 1.5 | 13 |
| 56 | Long-term Diet Quality and Gut Microbiome Functionality: A Prospective, Shotgun Metagenomic Study among Urban Chinese Adults. <i>Current Developments in Nutrition</i> , 2021, 5, nzab026. | 0.3 | 13 |
| 57 | A Prospective Investigation of Dietary Intake and Functional Impairments Among the Elderly. <i>American Journal of Epidemiology</i> , 2018, 187, 2372-2386. | 3.4 | 12 |
| 58 | Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 217-228. | 2.5 | 12 |
| 59 | Impact of Visibility and Accessibility on Healthcare Workers' Hand-Hygiene Behavior: A Comparative Case Study of Two Nursing Units in an Academic Medical Center. <i>Herd</i> , 2021, 14, 271-288. | 1.5 | 12 |
| 60 | Sex-Specific Associations between Gut Microbiome and Non-Alcoholic Fatty Liver Disease among Urban Chinese Adults. <i>Microorganisms</i> , 2021, 9, 2118. | 3.6 | 12 |
| 61 | Prospective Cohort Study of Central Adiposity and Risk of Death in Middle Aged and Elderly Chinese. <i>PLoS ONE</i> , 2015, 10, e0138429. | 2.5 | 11 |
| 62 | Intra-individual variation of miRNA expression levels in human plasma samples. <i>Biomarkers</i> , 2018, 23, 339-346. | 1.9 | 11 |
| 63 | <i>Helicobacter pylori</i> Blood Biomarkers and Gastric Cancer Survival in China. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 342-344. | 2.5 | 11 |
| 64 | Epstein-Barr Virus Antibody Titers Are Not Associated with Gastric Cancer Risk in East Asia. <i>Digestive Diseases and Sciences</i> , 2018, 63, 2765-2772. | 2.3 | 11 |
| 65 | Association of BMI, Smoking, and Alcohol with Multiple Myeloma Mortality in Asians: A Pooled Analysis of More than 800,000 Participants in the Asia Cohort Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1861-1867. | 2.5 | 11 |
| 66 | Association between educational level and total and cause-specific mortality: a pooled analysis of over 694 000 individuals in the Asia Cohort Consortium. <i>BMJ Open</i> , 2019, 9, e026225. | 1.9 | 11 |
| 67 | Association between lincRNA expression and overall survival for patients with triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 186, 769-777. | 2.5 | 11 |
| 68 | Associations of circulating choline and its related metabolites with cardiometabolic biomarkers: an international pooled analysis. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 893-906. | 4.7 | 11 |
| 69 | Aging, obesity, and post-therapy cognitive recovery in breast cancer survivors. <i>Oncotarget</i> , 2017, 8, 12364-12373. | 1.8 | 11 |
| 70 | Outcomes of robotic-assisted liver surgery versus laparoscopic liver surgery for treatment of stage I hepatocellular carcinoma. <i>Cancer</i> , 2022, 128, 762-769. | 4.1 | 11 |
| 71 | Ovarian cancer risk, ALDH2 polymorphism and alcohol drinking: Asian data from the Ovarian Cancer Association Consortium. <i>Cancer Science</i> , 2018, 109, 435-445. | 3.9 | 10 |
| 72 | Associations of dietary intake and supplement use with post-therapy cognitive recovery in breast cancer survivors. <i>Breast Cancer Research and Treatment</i> , 2018, 171, 189-198. | 2.5 | 10 |

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|----|--|-----|-----------|
| 73 | Association between Tea Consumption and Hypertension Risk among Middle-Aged and Older Chinese Adults. <i>Journal of Nutrition</i> , 2021, 151, 3773-3780. | 2.9 | 10 |
| 74 | Oncotype DX Risk Recurrence Score and Total Mortality for Early-Stage Breast Cancer by Race/Ethnicity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 821-830. | 2.5 | 10 |
| 75 | A Prospective Investigation of Circulating Metabolome Identifies Potential Biomarkers for Gastric Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1634-1642. | 2.5 | 9 |
| 76 | Association of Marital Status With Total and Cause-Specific Mortality in Asia. <i>JAMA Network Open</i> , 2022, 5, e2214181. | 5.9 | 9 |
| 77 | Associations of obesity and weight change with physical and mental impairments in elderly Chinese people. <i>Maturitas</i> , 2018, 108, 77-83. | 2.4 | 8 |
| 78 | Soy Food Consumption, Exercise, and Body Mass Index and Osteoporotic Fracture Risk Among Breast Cancer Survivors: The Shanghai Breast Cancer Survival Study. <i>JNCI Cancer Spectrum</i> , 2019, 3, plz017. | 2.9 | 8 |
| 79 | Cultural impacts on nursing unit design: A comparative study on Chinese nursing unit typologies and their U.S. counterparts using space syntax. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2019, 46, 573-594. | 2.0 | 8 |
| 80 | Cholesterol and Egg Intakes with Cardiometabolic and All-Cause Mortality among Chinese and Low-Income Black and White Americans. <i>Nutrients</i> , 2021, 13, 2094. | 4.1 | 8 |
| 81 | Association of Type 2 Diabetes Genetic Variants with Breast Cancer Survival among Chinese Women. <i>PLoS ONE</i> , 2015, 10, e0117419. | 2.5 | 8 |
| 82 | Nut consumption in association with overall mortality and recurrence/disease-specific mortality among long-term breast cancer survivors. <i>International Journal of Cancer</i> , 2022, 150, 572-579. | 5.1 | 8 |
| 83 | Association between body mass index and oesophageal cancer mortality: a pooled analysis of prospective cohort studies with >800,000 individuals in the Asia Cohort Consortium. <i>International Journal of Epidemiology</i> , 2022, 51, 1190-1203. | 1.9 | 8 |
| 84 | Time-varying effects of prognostic factors associated with long-term survival in breast cancer. <i>Endocrine-Related Cancer</i> , 2018, 25, 509-521. | 3.1 | 7 |
| 85 | Plasma selenoprotein P concentration and lung cancer risk: results from a case-control study nested within the Shanghai Men's Health Study. <i>Carcinogenesis</i> , 2018, 39, 1352-1358. | 2.8 | 7 |
| 86 | Quantifying the association of low-intensity and late initiation of tobacco smoking with total and cause-specific mortality in Asia. <i>Tobacco Control</i> , 2021, 30, 328-335. | 3.2 | 7 |
| 87 | Association of Ginseng Consumption With All-cause and Cause-specific Mortality: Shanghai Women's Health Study. <i>Journal of Epidemiology</i> , 2022, 32, 469-475. | 2.4 | 7 |
| 88 | Mortality for robotic- versus video-assisted lobectomy treated stage I non-small cell lung cancer patients. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa028. | 2.9 | 6 |
| 89 | Prediction models for breast cancer prognosis among Asian women. <i>Cancer</i> , 2021, 127, 1758-1769. | 4.1 | 6 |
| 90 | A Historical Study of Chinese Nursing Unit Design Evolution Since 1989. <i>Herd</i> , 2019, 12, 53-66. | 1.5 | 5 |

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|-----|--|-----|-----------|
| 91 | Associations of Dietary Intakes of Calcium, Magnesium, and Soy Isoflavones With Bone Fracture Risk in Men: A Prospective Study. <i>JBMR Plus</i> , 2022, 6, e10563. | 2.7 | 5 |
| 92 | A prospective study of autoantibodies to Ezrin and pancreatic cancer risk. <i>Cancer Causes and Control</i> , 2016, 27, 831-835. | 1.8 | 4 |
| 93 | Association of sleep duration and incidence of diabetes modified by tea consumption: a report from the Shanghai men's health study. <i>Sleep Medicine</i> , 2017, 38, 135-141. | 1.6 | 4 |
| 94 | Tooth Loss and Risk of Lung Cancer among Urban Chinese Adults: A Cohort Study with Meta-Analysis. <i>Cancers</i> , 2022, 14, 2428. | 3.7 | 3 |
| 95 | A Regional Survey on Residents'™ Preferences on Patient-Centered Medical Home Design in Rural Areas. <i>Herd</i> , 2019, 12, 187-205. | 1.5 | 2 |
| 96 | Germline HOXB13 mutations p.G84E and p.R217C do not confer an increased breast cancer risk. <i>Scientific Reports</i> , 2020, 10, 9688. | 3.3 | 2 |
| 97 | The Continuous Learning Cycle: A Multi-phase Post-occupancy Evaluation (POE) of Decentralized Nursing Unit Design. <i>Herd</i> , 2022, 15, 134-148. | 1.5 | 2 |
| 98 | Associations of lung cancer risk with biomarkers of <i>Helicobacter pylori</i> infection. <i>Carcinogenesis</i> , 2022, 43, 538-546. | 2.8 | 2 |
| 99 | Association Between Long-Term Regular Exercise and Gut Microbiota Among Middle-Aged and Older Urban Chinese. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2022, , 1-9. | 2.1 | 1 |
| 100 | Abstract 851: Associations of dietary calcium and magnesium intakes with lung cancer risk among low-income Americans: Results from the Southern Community Cohort Study. , 2021, , . | | 0 |
| 101 | Impact of Inpatient Unit Design Features on Overall Patient Experience and Perceived Room-Level Call Button Response. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9747. | 2.6 | 0 |
| 102 | Abstract 2262: Associations of plasma carotenes with lung cancer risk in a low-income population in the southeastern united states. <i>Cancer Research</i> , 2022, 82, 2262-2262. | 0.9 | 0 |
| 103 | Tea Consumption and Gut Microbiome in Chinese Men and Women. <i>Current Developments in Nutrition</i> , 2022, 6, 1035. | 0.3 | 0 |