

# Queenie Chan

## List of Publications by Year in Descending Order

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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.

98  
papers

6,187  
citations

36  
h-index

78  
g-index

119  
ext. papers

7,282  
ext. citations

7.1  
avg. IF

4.94  
L-index

#	Paper	IF	Citations
98	Blood pressure interactions with the DASH dietary pattern, sodium, and potassium: The International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP).. <i>American Journal of Clinical Nutrition</i> , <b>2022</b> ,	7	1
97	Household air pollution from solid fuel use as a dose-dependent risk factor for cognitive impairment in northern China.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6187	4.9	0
96	Trends and Inequalities in the Incidence of Acute Myocardial Infarction among Beijing Townships, 2007-2018. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
95	Chemical Investigation of Household Solid Fuel Use and Outdoor Air Pollution Contributions to Personal PM Exposures. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 15969-15979	10.3	1
94	Difference in ambient-personal exposure to PM and its inflammatory effect in local residents in urban and peri-urban Beijing, China: results of the AIRLESS project. <i>Faraday Discussions</i> , <b>2021</b> , 226, 569-583	3.6	2
93	Strategy for improved characterization of human metabolic phenotypes using a COmbined Multi-block Principal components Analysis with Statistical Spectroscopy (COMPASS). <i>Bioinformatics</i> , <b>2021</b> , 36, 5229-5236	7.2	
92	A feasibility study of metabolic phenotyping of dried blood spot specimens in rural Chinese women exposed to household air pollution. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2021</b> , 31, 328-344	6.7	1
91	Association between egg intake and blood pressure in the USA: the INTERnational study on MAcro/micronutrients and blood Pressure (INTERMAP). <i>Public Health Nutrition</i> , <b>2021</b> , 24, 6272-6280	3.3	0
90	Household air pollution and blood pressure, vascular damage and sub-clinical indicators of cardiovascular disease in older Chinese adults. <i>American Journal of Hypertension</i> , <b>2021</b> ,	2.3	1
89	Relationships of Alcohol Consumption with Coronary Risk Factors and Macro- and Micro-Nutrient Intake in Japanese People: The INTERLIPID Study. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2021</b> , 67, 28-38	1.1	1
88	Determinants of personal exposure to PM and black carbon in Chinese adults: A repeated-measures study in villages using solid fuel energy. <i>Environment International</i> , <b>2021</b> , 146, 106297	12.9	10
87	Perspective: The Application of A Priori Diet Quality Scores to Cardiovascular Disease Risk-A Critical Evaluation of Current Scoring Systems. <i>Advances in Nutrition</i> , <b>2020</b> , 11, 10-24	10	19
86	Nutriome-metabolome relationships provide insights into dietary intake and metabolism. <i>Nature Food</i> , <b>2020</b> , 1, 426-436	14.4	15
85	Food Sources of Dietary Potassium in the Adult Japanese Population: The International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
84	Potato consumption, by preparation method and meal quality, with blood pressure and body mass index: The INTERMAP study. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 3042-3048	5.9	2
83	Quantifying Diet Intake and Its Association with Cardiometabolic Risk in the UK Airwave Health Monitoring Study: A Data-Driven Approach. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2
82	Effects of AIR pollution on cardiopuLmonary disEaSe in urban and peri-urban reSidents in Beijing: protocol for the AIRLESS study. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 15775-15792	6.8	6

81	Household transitions to clean energy in a multiprovincial cohort study in China. <i>Nature Sustainability</i> , <b>2020</b> , 3, 42-50	22.1	44
80	The association of fish consumption and its urinary metabolites with cardiovascular risk factors: the International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 280-290	7	18
79	Identifying unknown metabolites using NMR-based metabolic profiling techniques. <i>Nature Protocols</i> , <b>2020</b> , 15, 2538-2567	18.8	38
78	Systems Biology Methods Applied to Blood and Tissue for a Comprehensive Analysis of Immune Response to Hepatitis B Vaccine in Adults. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 580373	8.4	8
77	Association between plant-based diets and blood pressure in the INTERMAP study. <i>BMJ Nutrition, Prevention and Health</i> , <b>2020</b> , 3, 133-142	6.7	0
76	Associations between daily air quality and hospitalisations for acute exacerbation of chronic obstructive pulmonary disease in Beijing, 2013-17: an ecological analysis. <i>Lancet Planetary Health, The</i> , <b>2019</b> , 3, e270-e279	9.8	56
75	Introduction to the special issue In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing) <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 7519-7546	6.8	73
74	Salt intake and prevalence of overweight/obesity in Japan, China, the United Kingdom, and the United States: the INTERMAP Study. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 34-40	7	36
73	Urinary sodium-to-potassium ratio and intake of sodium and potassium among men and women from multiethnic general populations: the INTERSALT Study. <i>Hypertension Research</i> , <b>2019</b> , 42, 1590-1598	4.7	15
72	The Relationship of Dietary Cholesterol with Serum Low-Density Lipoprotein Cholesterol and Confounding by Reverse Causality: The INTERLIPID Study. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2019</b> , 26, 170-182	4	4
71	Intakes and Food Sources of Dietary Fibre and Their Associations with Measures of Body Composition and Inflammation in UK Adults: Cross-Sectional Analysis of the Airwave Health Monitoring Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	11
70	Gene-diet quality interactions on haemoglobin A1c and type 2 diabetes risk: The Airwave Health Monitoring Study. <i>Endocrinology, Diabetes and Metabolism</i> , <b>2019</b> , 2, e00074	2.7	5
69	Agreement between 24-h dietary recalls and 24-h urine collections for estimating sodium intake in China, Japan, UK, USA: the International Study of Macro- and Micro-nutrients and Blood Pressure. <i>Journal of Hypertension</i> , <b>2019</b> , 37, 814-819	1.9	9
68	Factors associated with intra-individual visit-to-visit variability of blood pressure in four countries: the INTERMAP study. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 229-236	2.6	3
67	Relation of Dietary Sodium (Salt) to Blood Pressure and Its Possible Modulation by Other Dietary Factors: The INTERMAP Study. <i>Hypertension</i> , <b>2018</b> , 71, 631-637	8.5	52
66	Nutrient profiling and adherence to components of the UK national dietary guidelines association with metabolic risk factors for CVD and diabetes: Airwave Health Monitoring Study. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 695-705	3.6	10
65	Blood pressure-lowering drugs and secondary prevention of cardiovascular disease: systematic review and meta-analysis. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 1256-1265	1.9	11
64	Reliability of plasma polar metabolite concentrations in a large-scale cohort study using capillary electrophoresis-mass spectrometry. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191230	3.7	40

63	A cross-sectional investigation into the occupational and socio-demographic characteristics of British police force employees reporting a dietary pattern associated with cardiometabolic risk: findings from the Airwave Health Monitoring Study. <i>European Journal of Nutrition</i> , <b>2018</b> , 57, 2913-2926	5.2	12
62	Relations between dairy product intake and blood pressure: the INTERnational study on MAcro/micronutrients and blood Pressure. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 2049-2058	1.9	6
61	Ultra-Performance Liquid Chromatography-High-Resolution Mass Spectrometry and Direct Infusion-High-Resolution Mass Spectrometry for Combined Exploratory and Targeted Metabolic Profiling of Human Urine. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 3492-3502	5.6	9
60	Associations of High-Density Lipoprotein Particle and High-Density Lipoprotein Cholesterol With Alcohol Intake, Smoking, and Body Mass Index - The INTERLIPID Study. <i>Circulation Journal</i> , <b>2018</b> , 82, 2557-2565 <sup>9</sup>	3.9	9
59	Food sources of dietary sodium in the Japanese adult population: the international study of macro-/micronutrients and blood pressure (INTERMAP). <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 1269-1280	5.3	17
58	Optimization and Application of Direct Infusion Nanoelectrospray HRMS Method for Large-Scale Urinary Metabolic Phenotyping in Molecular Epidemiology. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 1646-1658 <sup>31</sup>	5.6	31
57	Metabolic phenotyping for discovery of urinary biomarkers of diet, xenobiotics and blood pressure in the INTERMAP Study: an overview. <i>Hypertension Research</i> , <b>2017</b> , 40, 336-345	4.7	12
56	Dietary assessment of British police force employees: a description of diet record coding procedures and cross-sectional evaluation of dietary energy intake reporting (The Airwave Health Monitoring Study). <i>BMJ Open</i> , <b>2017</b> , 7, e012927	3	18
55	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 191 million participants. <i>Lancet, The</i> , <b>2017</b> , 389, 37-55	40	1100
54	Overall nutrient and total fat intake among Japanese people: The INTERLIPID Study Japan. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2017</b> , 26, 837-848	1	3
53	Estimating 24-h urinary sodium/potassium ratio from casual ('spot') urinary sodium/potassium ratio: the INTERSALT Study. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1564-1572	7.8	24
52	An Update on Nutrients and Blood Pressure. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2016</b> , 23, 276-89 <sup>4</sup>	4	44
51	Relation of unprocessed, processed red meat and poultry consumption to blood pressure in East Asian and Western adults. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1721-9	1.9	11
50	Relationship of three different types of low-carbohydrate diet to cardiometabolic risk factors in a Japanese population: the INTERMAP/INTERLIPID Study. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 1515-24 <sup>5.2</sup>	5.2	6
49	Urinary metabolic signatures of human adiposity. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 285ra62	17.5	141
48	Development of nanoelectrospray high resolution isotope dilution mass spectrometry for targeted quantitative analysis of urinary metabolites: application to population profiling and clinical studies. <i>Analytical Methods</i> , <b>2015</b> , 7, 5122-5133	3.2	8
47	Total, insoluble and soluble dietary fibre intake in relation to blood pressure: the INTERMAP Study. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 1480-6	3.6	36
46	The Qatar Biobank: background and methods. <i>BMC Public Health</i> , <b>2015</b> , 15, 1208	4.1	57

45	Dietary factors and higher blood pressure in African-Americans. <i>Current Hypertension Reports</i> , <b>2015</b> , 17, 10	4.7	11
44	The impact of eating frequency and time of intake on nutrient quality and Body Mass Index: the INTERMAP Study, a Population-Based Study. <i>Journal of the Academy of Nutrition and Dietetics</i> , <b>2015</b> , 115, 528-36.e1	3.9	68
43	Relation of raw and cooked vegetable consumption to blood pressure: the INTERMAP Study. <i>Journal of Human Hypertension</i> , <b>2014</b> , 28, 353-9	2.6	21
42	Blood pressure differences associated with Optimal Macronutrient Intake Trial for Heart Health (OMNIHEART)-like diet compared with a typical American Diet. <i>Hypertension</i> , <b>2014</b> , 64, 1198-204	8.5	19
41	Salinity in drinking water and the risk of (pre)eclampsia and gestational hypertension in coastal Bangladesh: a case-control study. <i>PLoS ONE</i> , <b>2014</b> , 9, e108715	3.7	93
40	Dietary glycine and blood pressure: the International Study on Macro/Micronutrients and Blood Pressure. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 136-45	7	31
39	Estimating 24-hour urinary sodium excretion from casual urinary sodium concentrations in Western populations: the INTERSALT study. <i>American Journal of Epidemiology</i> , <b>2013</b> , 177, 1180-92	3.8	184
38	Association of raw fruit and fruit juice consumption with blood pressure: the INTERMAP Study. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 1083-91	7	26
37	Elliott et al. Respond to "Quantifying Urine Sodium Excretion". <i>American Journal of Epidemiology</i> , <b>2013</b> , 177, 1196-1198	3.8	9
36	Diet composition and activity level of at risk and metabolically healthy obese American adults. <i>Obesity</i> , <b>2013</b> , 21, 637-43	8	67
35	Dietary and urinary metabonomic factors possibly accounting for higher blood pressure of black compared with white Americans: results of International Collaborative Study on macro-/micronutrients and blood pressure. <i>Hypertension</i> , <b>2013</b> , 62, 1074-80	8.5	22
34	Relationship of dietary monounsaturated fatty acids to blood pressure: the International Study of Macro/Micronutrients and Blood Pressure. <i>Journal of Hypertension</i> , <b>2013</b> , 31, 1144-50	1.9	25
33	Nutrient and food intakes of middle-aged adults at low risk of cardiovascular disease: the international study of macro-/micronutrients and blood pressure (INTERMAP). <i>European Journal of Nutrition</i> , <b>2012</b> , 51, 917-26	5.2	30
32	Quantitative UPLC-MS/MS analysis of the gut microbial co-metabolites phenylacetylglutamine, 4-cresyl sulphate and hippurate in human urine: INTERMAP Study. <i>Analytical Methods</i> , <b>2012</b> , 4, 65-72	3.2	26
31	A comparison of self-reported analgesic use and detection of urinary ibuprofen and acetaminophen metabolites by means of metabonomics: the INTERMAP Study. <i>American Journal of Epidemiology</i> , <b>2012</b> , 175, 348-58	3.8	29
30	A nutrient-wide association study on blood pressure. <i>Circulation</i> , <b>2012</b> , 126, 2456-64	16.7	104
29	Food and nutrient intakes and their associations with lower BMI in middle-aged US adults: the International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 483-91	7	53
28	Relationship of dietary cholesterol to blood pressure: the INTERMAP study. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 222-8	1.9	37

27	Sugar-sweetened beverage, sugar intake of individuals, and their blood pressure: international study of macro/micronutrients and blood pressure. <i>Hypertension</i> , <b>2011</b> , 57, 695-701	8.5	146
26	Relation of urinary calcium and magnesium excretion to blood pressure: The International Study Of Macro- And Micro-nutrients And Blood Pressure and The International Cooperative Study On Salt, Other Factors, And Blood Pressure. <i>American Journal of Epidemiology</i> , <b>2011</b> , 174, 44-51	3.8	36
25	Metabolic profiling strategy for discovery of nutritional biomarkers: proline betaine as a marker of citrus consumption. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 436-43	7	201
24	Metabolome-wide association study identifies multiple biomarkers that discriminate north and south Chinese populations at differing risks of cardiovascular disease: INTERMAP study. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 6647-54	5.6	106
23	Opening up the "Black Box": metabolic phenotyping and metabolome-wide association studies in epidemiology. <i>Journal of Clinical Epidemiology</i> , <b>2010</b> , 63, 970-9	5.7	113
22	Metabolic profiling and the metabolome-wide association study: significance level for biomarker identification. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 4620-7	5.6	102
21	Dietary sources of sodium in China, Japan, the United Kingdom, and the United States, women and men aged 40 to 59 years: the INTERMAP study. <i>Journal of the American Dietetic Association</i> , <b>2010</b> , 110, 736-45		359
20	Dietary starch intake of individuals and their blood pressure: the International Study of Macronutrients and Micronutrients and Blood Pressure. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 231-6	1.9	23
19	Glutamic acid, the main dietary amino acid, and blood pressure: the INTERMAP Study (International Collaborative Study of Macronutrients, Micronutrients and Blood Pressure). <i>Circulation</i> , <b>2009</b> , 120, 221-8	16.7	76
18	Urinary amino acid analysis: a comparison of iTRAQ-LC-MS/MS, GC-MS, and amino acid analyzer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 1838-46	3.2	129
17	Human metabolic phenotype diversity and its association with diet and blood pressure. <i>Nature</i> , <b>2008</b> , 453, 396-400	50.4	847
16	Relationship of dietary linoleic acid to blood pressure. The International Study of Macro-Micronutrients and Blood Pressure Study [corrected]. <i>Hypertension</i> , <b>2008</b> , 52, 408-14	8.5	60
15	Dietary phosphorus and blood pressure: international study of macro- and micro-nutrients and blood pressure. <i>Hypertension</i> , <b>2008</b> , 51, 669-75	8.5	78
14	Relation of iron and red meat intake to blood pressure: cross sectional epidemiological study. <i>BMJ, The</i> , <b>2008</b> , 337, a258	5.9	69
13	Detection of urinary drug metabolite (xenometabolome) signatures in molecular epidemiology studies via statistical total correlation (NMR) spectroscopy. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 2629-40	7.8	108
12	Food omega-3 fatty acid intake of individuals (total, linolenic acid, long-chain) and their blood pressure: INTERMAP study. <i>Hypertension</i> , <b>2007</b> , 50, 313-9	8.5	164
11	Association between protein intake and blood pressure: the INTERMAP Study. <i>Archives of Internal Medicine</i> , <b>2006</b> , 166, 79-87		192
10	Assessment of analytical reproducibility of 1H NMR spectroscopy based metabonomics for large-scale epidemiological research: the INTERMAP Study. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 2199-208	7.8	304

9	Association of dietary supplement use with specific micronutrient intakes among middle-aged American men and women: the INTERMAP Study. <i>Journal of the American Dietetic Association</i> , <b>2005</b> , 105, 1106-14			57
8	Relation of nutrient intake to microalbuminuria in nondiabetic middle-aged men and women: International Population Study on Macronutrients and Blood Pressure (INTERMAP). <i>American Journal of Kidney Diseases</i> , <b>2005</b> , 45, 256-66	7.4		23
7	Estimating laboratory precision of urinary albumin excretion and other urinary measures in the International Study on Macronutrients and Blood Pressure. <i>American Journal of Epidemiology</i> , <b>2004</b> , 160, 287-94	3.8		11
6	Ethyl glucoside in human urine following dietary exposure: detection by <sup>1</sup> H NMR spectroscopy as a result of metabonomic screening of humans. <i>Analyst, The</i> , <b>2004</b> , 129, 259-64	5		59
5	Study protocol: The INTERMAP China Prospective (ICP) study. <i>Wellcome Open Research</i> , <b>4</b> , 154	4.8		5
4	Study protocol: The INTERMAP China Prospective (ICP) study. <i>Wellcome Open Research</i> , <b>4</b> , 154	4.8		3
3	Effects of AIR pollution on cardiopuLmonary disEaSe in urban and peri-urban reSidents in Beijing: protocol for the AIRLESS study			3
2	Development of equations for converting random-zero to automated oscillometric blood pressure values. <i>Wellcome Open Research</i> , <b>4</b> , 146	4.8		
1	Diet Composition and Activity Level of at Risk and Metabolically Healthy Obese American Adults. <i>Obesity</i> ,	8		1