

Aimin Yang

List of Publications by Year in descending order

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77
papers

1,287
citations

304602

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501076

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all docs

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docs citations

78
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-Specific Association of Circulating Ferritin Level and Risk of Type 2 Diabetes: A Dose-Response Meta-Analysis of Prospective Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4539-4551.	1.8	62
2	Indoor air pollution from solid fuels and hypertension: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2020, 259, 113914.	3.7	58
3	Critical Windows of Prenatal Exposure to Cadmium and Size at Birth. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 58.	1.2	46
4	Total cholesterol to high-density lipoprotein cholesterol ratio is a significant predictor of nonalcoholic fatty liver: Jinchang cohort study. <i>Lipids in Health and Disease</i> , 2019, 18, 47.	1.2	38
5	Sex-specific associations of blood and urinary manganese levels with glucose levels, insulin resistance and kidney function in US adults: National health and nutrition examination survey 2011-2016. <i>Chemosphere</i> , 2020, 258, 126940.	4.2	38
6	Shortened Leukocyte Telomere Length Is Associated With Glycemic Progression in Type 2 Diabetes: A Prospective and Mendelian Randomization Analysis. <i>Diabetes Care</i> , 2022, 45, 701-709.	4.3	37
7	Mediation effect of AhR expression between polycyclic aromatic hydrocarbons exposure and oxidative DNA damage among Chinese occupational workers. <i>Environmental Pollution</i> , 2018, 243, 972-977.	3.7	35
8	Type 2 diabetes attributable to PM2.5: A global burden study from 1990 to 2019. <i>Environment International</i> , 2021, 156, 106725.	4.8	35
9	The interaction effects of smoking and polycyclic aromatic hydrocarbons exposure on the prevalence of metabolic syndrome in coke oven workers. <i>Chemosphere</i> , 2020, 247, 125880.	4.2	34
10	Sex-specific associations of plasma metals and metal mixtures with glucose metabolism: An occupational population-based study in China. <i>Science of the Total Environment</i> , 2021, 760, 143906.	3.9	34
11	Are ambient volatile organic compounds environmental stressors for heart failure?. <i>Environmental Pollution</i> , 2018, 242, 1810-1816.	3.7	32
12	Shortened Relative Leukocyte Telomere Length Is Associated With Prevalent and Incident Cardiovascular Complications in Type 2 Diabetes: Analysis From the Hong Kong Diabetes Register. <i>Diabetes Care</i> , 2020, 43, 2257-2265.	4.3	31
13	Dose-response analysis of environmental exposure to multiple metals and their joint effects with fasting plasma glucose among occupational workers. <i>Chemosphere</i> , 2017, 186, 314-321.	4.2	30
14	Multiple metals exposure, elevated blood glucose and dysglycemia among Chinese occupational workers. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 101-107.	1.2	30
15	Associations between multiple serum metal exposures and low birth weight infants in Chinese pregnant women: A nested case-control study. <i>Chemosphere</i> , 2019, 231, 225-232.	4.2	30
16	Cohort Profile: The China Metal-Exposed Workers Cohort Study (Jinchang Cohort). <i>International Journal of Epidemiology</i> , 2017, 46, dyw223.	0.9	29
17	Paternal smoking and spontaneous abortion: a population-based retrospective cohort study among non-smoking women aged 20-49 years in rural China. <i>Journal of Epidemiology and Community Health</i> , 2018, 72, 783-789.	2.0	29
18	Trends in Glucose-Lowering Drug Use, Glycemic Control, and Severe Hypoglycemia in Adults With Diabetes in Hong Kong, 2002-2016. <i>Diabetes Care</i> , 2020, 43, 2967-2974.	4.3	29

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19	Long-Term Exposure to Ambient Fine Particulate Matter and Mortality From Renal Failure: A Retrospective Cohort Study in Hong Kong, China. <i>American Journal of Epidemiology</i> , 2020, 189, 602-612.	1.6	27
20	Is preterm birth associated with asthma among children from birth to 17 years old? -A study based on 2011-2012 US National Survey of Children's Health. <i>Italian Journal of Pediatrics</i> , 2018, 44, 151.	1.0	26
21	CYP1A1 methylation mediates the effect of smoking and occupational polycyclic aromatic hydrocarbons co-exposure on oxidative DNA damage among Chinese coke-oven workers. <i>Environmental Health</i> , 2019, 18, 69.	1.7	25
22	Trends in diabetes-related complications in Hong Kong, 2001-2016: a retrospective cohort study. <i>Cardiovascular Diabetology</i> , 2020, 19, 60.	2.7	24
23	Temporal trends in rates of infection-related hospitalisations in Hong Kong people with and without diabetes, 2001-2016: a retrospective study. <i>Diabetologia</i> , 2021, 64, 109-118.	2.9	24
24	OGG1 methylation mediated the effects of cell cycle and oxidative DNA damage related to PAHs exposure in Chinese coke oven workers. <i>Chemosphere</i> , 2019, 224, 48-57.	4.2	22
25	Young age at diabetes diagnosis amplifies the effect of diabetes duration on risk of chronic kidney disease: a prospective cohort study. <i>Diabetologia</i> , 2021, 64, 1990-2000.	2.9	22
26	Associations between blood and urinary manganese with metabolic syndrome and its components: Cross-sectional analysis of National Health and Nutrition Examination Survey 2011-2016. <i>Science of the Total Environment</i> , 2021, 780, 146527.	3.9	22
27	Identification of potential biomarkers for differential diagnosis between rheumatoid arthritis and osteoarthritis via integrative genome-wide gene expression profiling analysis. <i>Molecular Medicine Reports</i> , 2019, 19, 30-40.	1.1	21
28	Data Resource Profile: The Hong Kong Diabetes Surveillance Database (HKDSD). <i>International Journal of Epidemiology</i> , 2022, 51, e9-e17.	0.9	20
29	Association between the ratio of aryl hydrocarbon receptor (AhR) in Th17 cells to AhR in Treg cells and SLE skin lesions. <i>International Immunopharmacology</i> , 2019, 69, 257-262.	1.7	19
30	Metal Exposure and Risk of Diabetes and Prediabetes among Chinese Occupational Workers. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 875-83.	0.2	18
31	Reproductive factors and risk of type 2 diabetes in an occupational cohort of Chinese women. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 1217-1222.	1.2	17
32	Interactions between serum folate and human papillomavirus with cervical intraepithelial neoplasia risk in a Chinese population-based study. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1034-1042.	2.2	16
33	Occupational metal exposures, smoking and risk of diabetes and prediabetes. <i>Occupational Medicine</i> , 2017, 67, 217-223.	0.8	15
34	Air quality changes after Hong Kong shipping emission policy: An accountability study. <i>Chemosphere</i> , 2019, 226, 616-624.	4.2	15
35	Effects of ambient benzene and toluene on emergency COPD hospitalizations: A time series study in Hong Kong. <i>Science of the Total Environment</i> , 2019, 657, 28-35.	3.9	15
36	Nickel-exposed workers in China: a cohort study. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 208-11.	0.2	15

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37	Secular trends in rates of hospitalisation for lower extremity amputation and 1-year mortality in people with diabetes in Hong Kong, 2001–2016: a retrospective cohort study. <i>Diabetologia</i> , 2020, 63, 2689-2698.	2.9	14
38	Long-term metformin use and risk of pneumonia and related death in type 2 diabetes: a registry-based cohort study. <i>Diabetologia</i> , 2021, 64, 1760-1765.	2.9	13
39	Risk associations of long-term HbA1c variability and obesity on cancer events and cancer-specific death in 15,286 patients with diabetes - A prospective cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 18, 100315.	1.3	13
40	Risk Associations of Glycemic Burden and Obesity With Liver Cancer—A 10-Year Analysis of 15,280 Patients With Type 2 Diabetes. <i>Hepatology Communications</i> , 2022, 6, 1350-1360.	2.0	13
41	Associations of the HOMA2-%B and HOMA2-%R with progression to diabetes and glycaemic deterioration in young and middle-aged Chinese. <i>Diabetes/Metabolism Research and Reviews</i> , 2022, 38, e3525.	1.7	12
42	Glucose-lowering drug use, glycemic outcomes, and severe hypoglycemia: 18-Year trends in 0.9 million adults with Diabetes in Hong Kong (2002–2019). <i>The Lancet Regional Health - Western Pacific</i> , 2022, 26, 100509.	1.3	12
43	A big pertussis outbreak in a primary school with high vaccination coverage in northern China: An evidence of the emerging of the disease in China. <i>Vaccine</i> , 2018, 36, 7950-7955.	1.7	11
44	Trends in kidney failure and kidney replacement therapy in people with diabetes in Hong Kong, 2002-2015: A retrospective cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 11, 100165.	1.3	11
45	Prevalence of metabolic syndrome in Chinese nickel-exposed workers. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 475-7.	0.2	11
46	Trends in Urinary and Blood Cadmium Levels in U.S. Adults with or without Comorbidities, 1999–2018. <i>Nutrients</i> , 2022, 14, 802.	1.7	11
47	A Clinical Perspective of the Multifaceted Mechanism of Metformin in Diabetes, Infections, Cognitive Dysfunction, and Cancer. <i>Pharmaceuticals</i> , 2022, 15, 442.	1.7	11
48	Relative leucocyte telomere length is associated with incident end-stage kidney disease and rapid decline of kidney function in type 2 diabetes: analysis from the Hong Kong Diabetes Register. <i>Diabetologia</i> , 2022, 65, 375-386.	2.9	11
49	Reduction of mitochondrial DNA copy number in peripheral blood is related to polycyclic aromatic hydrocarbons exposure in coke oven workers: Bayesian kernel machine regression. <i>Environmental Pollution</i> , 2020, 260, 114026.	3.7	10
50	Shortened relative leukocyte telomere length is associated with all-cause mortality in type 2 diabetes-analysis from the Hong Kong Diabetes Register. <i>Diabetes Research and Clinical Practice</i> , 2021, 173, 108649.	1.1	10
51	Identifying Effects of Urinary Metals on Type 2 Diabetes in U.S. Adults: Cross-Sectional Analysis of National Health and Nutrition Examination Survey 2011–2016. <i>Nutrients</i> , 2022, 14, 1552.	1.7	9
52	Occupational exposure to heavy metals, alcohol intake, and risk of type 2 diabetes and prediabetes among Chinese male workers. <i>Chronic Diseases and Translational Medicine</i> , 2019, 5, 97-104.	0.9	8
53	Causal Relationship Between Complement C3, C4, and Nonalcoholic Fatty Liver Disease: Bidirectional Mendelian Randomization Analysis. <i>Phenomics</i> , 2021, 1, 211-221.	0.9	7
54	Genome-wide expression profiling analysis to identify key genes in the anti-HIV mechanism of CD4 ⁺ and CD8 ⁺ T cells. <i>Journal of Medical Virology</i> , 2018, 90, 1199-1209.	2.5	6

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55	Dietary nutrient intake related to higher grade cervical intraepithelial neoplasia risk: a Chinese population-based study. <i>Nutrition and Metabolism</i> , 2020, 17, 100.	1.3	6
56	Lower dietary mineral intake is significantly associated with cervical cancer risk in a population-based cross-sectional study. <i>Journal of Cancer</i> , 2021, 12, 111-123.	1.2	6
57	Selective admission policy of medical undergraduates in western China: applicants' real attitudes to the choice of a rural medical career. <i>Rural and Remote Health</i> , 2018, 18, 4519.	0.4	6
58	Time-varying risk associations of renin angiotensin system inhibitors with pneumonia and related deaths in a cohort of 252,616 patients with diabetes (2002–2019). <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109233.	1.1	6
59	A cross-sectional study on factors associated with hypertension and genetic polymorphisms of renin-angiotensin-aldosterone system in Chinese hui pilgrims to hajj. <i>BMC Public Health</i> , 2019, 19, 1223.	1.2	5
60	Associations of prenatal exposure to multiple metals with testicular volume and anogenital distance in infant boys: A longitudinal cohort study. <i>Environment International</i> , 2020, 143, 105900.	4.8	5
61	Glycemic Variability and Time in Range During Self-titration of Once Daily Insulin Glargine 300 U/ml Versus Neutral Protamine Hagedorn Insulin in Insulin-naïve Chinese Type 2 Diabetes Patients. <i>Diabetes Therapy</i> , 2021, 12, 1399-1413.	1.2	5
62	CYP2C19 Loss-of-Function Polymorphisms are Associated with Reduced Risk of Sulfonylurea Treatment Failure in Chinese Patients with Type 2 Diabetes. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 461-469.	2.3	5
63	Associations of RBC and Serum Folate Concentrations with Cervical Intraepithelial Neoplasia and High-Risk Human Papillomavirus Genotypes in Female Chinese Adults. <i>Journal of Nutrition</i> , 2022, 152, 466-474.	1.3	5
64	Efficient combination of Human Papillomavirus Genotyping for the triage of women with Atypical Squamous Cells of Undetermined Significance in Chinese rural population: A population-based study. <i>Journal of Cancer</i> , 2021, 12, 2815-2824.	1.2	4
65	Current Understanding of the Relationship between Metal Exposures and Risk of Type 2 Diabetes. <i>Current Research in Diabetes & Obesity Journal</i> , 2018, 7, .	0.1	4
66	Heavy Metal Assessment among Chinese Nonferrous Metal-exposed Workers from the Jinchang Cohort Study. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 530-534.	0.2	4
67	Genetic polymorphism in the asporin gene is not a key risk factor for osteoarthritis: Evidence based on an updated cumulative meta-analysis. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3952-3966.	0.8	3
68	Effects of hepatitis B virus infection, alanine aminotransferase, aspartate aminotransferase and gamma-glutamyl transferase on prediabetes and diabetes mellitus: A cohort study. <i>Annals of Hepatology</i> , 2020, 19, 197-203.	0.6	3
69	Comment on Dawed et al. Genome-Wide Meta-Analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. <i>Diabetes Care</i> 2021;44:2673–2682. <i>Diabetes Care</i> , 2022, 45, e80-e81.	4.3	2
70	Serum folate, human papillomavirus, and risk of cervical intraepithelial neoplasia: A Chinese population-based cohort study. <i>Gynecologic Oncology</i> , 2018, 149, 116.	0.6	1
71	Impact of multicomponent integrated care on mortality and hospitalization after acute coronary syndrome: a systematic review and meta-analysis. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 0, , .	1.8	1
72	Reply. <i>Occupational Medicine</i> , 2017, 67, 493-495.	0.8	0

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73	223-OR: Heart Failure with Reduced, Midrange and Preserved Ejection Fraction in Chinese with Type 2 Diabetes: Risk Factors and Prognosis. <i>Diabetes</i> , 2021, 70, 223-OR.	0.3	0
74	Does Fine Particulate Matter Exacerbate Cardiovascular Events Among Patients with Chronic Kidney Disease?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
75	1497-P: Secular Trends in Incidence and One-Year Mortality Rates of Lower Extremity Amputation in People with Diabetes in Hong Kong between 2001 and 2016. <i>Diabetes</i> , 2020, 69, .	0.3	0
76	1558-P: Sex-Specific Associations of Blood and Urinary Manganese with Glucose Levels, Insulin Resistance, and Kidney Function among U.S. Adults: Use of 2011-2016 NHANES Data. <i>Diabetes</i> , 2020, 69, 1558-P.	0.3	0
77	39-OR: Secular Trends in Glucose-Lowering Drug Utilization, Glycemic Control, and Severe Hypoglycemia in Adults with Diabetes between 2002 and 2016 in Hong Kong. <i>Diabetes</i> , 2020, 69, .	0.3	0