Pengcheng Xun

List of Publications by Year
in descending order

119 papers	4,369 citations	101543 36 h-index	123424 61 g-index
120 all docs	120 docs citations	120 times ranked	7456 citing authors

#	Article	IF	Citations
1	Magnesium Intake and Risk of Type 2 Diabetes. Diabetes Care, 2011, 34, 2116-2122.	8.6	288
2	Egg consumption in relation to risk of cardiovascular disease and diabetes: a systematic review and meta-analysis. American Journal of Clinical Nutrition, 2013, 98, 146-159.	4.7	254
3	Magnesium Intake in Relation to Systemic Inflammation, Insulin Resistance, and the Incidence of Diabetes. Diabetes Care, 2010, 33, 2604-2610.	8.6	198
4	Senolytics reduce coronavirus-related mortality in old mice. Science, 2021, 373, .	12.6	184
5	Consumption of monosodium glutamate in relation to incidence of overweight in Chinese adults: China Health and Nutrition Survey (CHNS). American Journal of Clinical Nutrition, 2011, 93, 1328-1336.	4.7	142
6	Habitual Sleep Duration and Risk of Childhood Obesity: Systematic Review and Dose-response Meta-analysis of Prospective Cohort Studies. Scientific Reports, 2015, 5, 16160.	3.3	127
7	Higher Branched-Chain Amino Acid Intake Is Associated with a Lower Prevalence of Being Overweight or Obese in Middle-Aged East Asian and Western Adults1,. Journal of Nutrition, 2011, 141, 249-254.	2.9	108
8	Dietary magnesium intake is inversely associated with serum C-reactive protein levels: meta-analysis and systematic review. European Journal of Clinical Nutrition, 2014, 68, 510-516.	2.9	108
9	Fish consumption and risk of stroke and its subtypes: accumulative evidence from a meta-analysis of prospective cohort studies. European Journal of Clinical Nutrition, 2012, 66, 1199-1207.	2.9	102
10	Mercury Exposure in Young Adulthood and Incidence of Diabetes Later in Life. Diabetes Care, 2013, 36, 1584-1589.	8.6	99
11	Long-term association between dairy consumption and risk of childhood obesity: a systematic review and meta-analysis of prospective cohort studies. European Journal of Clinical Nutrition, 2016, 70, 414-423.	2.9	97
12	Fish Consumption and Incidence of Diabetes. Diabetes Care, 2012, 35, 930-938.	8.6	95
13	In utero exposure to 25-hydroxyvitamin D and risk of childhood asthma, wheeze, and respiratory tract infections: AÂmeta-analysis of birth cohort studies. Journal of Allergy and Clinical Immunology, 2017, 139, 1508-1517.	2.9	75
14	Fish and Fish Oil Intake in Relation to Risk of Asthma: A Systematic Review and Meta-Analysis. PLoS ONE, 2013, 8, e80048.	2.5	73
15	New and Recurrent Concussions in High-School Athletes Before and After Traumatic Brain Injury Laws, 2005â€“2016. American Journal of Public Health, 2017, 107, 1916-1922.	2.7	72
16	Intakes of long-chain omega-3 (nâˆ’3) PUFAs and fish in relation to incidence of asthma among American young adults: the CARDIA study. American Journal of Clinical Nutrition, 2013, 97, 173-178.	4.7	71
17	Walking Pace and the Risk of Cognitive Decline and Dementia in Elderly Populations: A Meta-analysis of Prospective Cohort Studies. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 266-270.	3.6	71
18	Longitudinal Association between Animal and Vegetable Protein Intake and Obesity among Men in the United States: The Chicago Western Electric Study. Journal of the American Dietetic Association, 2011, 111, 1150-1155.e1.	1.1	70

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19	Fasting insulin concentrations and incidence of hypertension, stroke, and coronary heart disease: a meta-analysis of prospective cohort studies. American Journal of Clinical Nutrition, 2013, 98, 1543-1554.	4.7	69
20	Circulating magnesium levels and incidence of coronary heart diseases, hypertension, and type 2 diabetes mellitus: a meta-analysis of prospective cohort studies. Nutrition Journal, 2017, 16, 60.	3.4	69
21	The effect of magnesium supplementation on blood pressure in individuals with insulin resistance, prediabetes, or noncommunicable chronic diseases: a meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition, 2017, 106, 921-929.	4.7	68
22	Effect of soya protein on blood pressure: a meta-analysis of randomised controlled trials. British Journal of Nutrition, 2011, 106, 317-326.	2.3	67
23	Genome-wide association study of selenium concentrations. Human Molecular Genetics, 2015, 24, 1469-1477.	2.9	67
24	Cadmium exposure and risk of lung cancer: a meta-analysis of cohort and caseâ€"control studies among general and occupational populations. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 437-444.	3.9	67
25	Antioxidant intake and pancreatic cancer risk. Cancer, 2013, 119, 1314-1320.	4.1	59
26	Dietary magnesium intake and risk of metabolic syndrome: a metaâ€analysis. Diabetic Medicine, 2014, 31, 1301-1309.	2.3	57
27	Intake of niacin, folate, vitamin B-6, and vitamin B-12 through young adulthood and cognitive function in midlife: the Coronary Artery Risk Development in Young Adults (CARDIA) study. American Journal of Clinical Nutrition, 2017, 106, 1032-1040.	4.7	57
28	Can Magnesium Enhance Exercise Performance?. Nutrients, 2017, 9, 946.	4.1	57
29	Fish oil, selenium and mercury in relation to incidence of hypertension: a 20-year follow-up study. Journal of Internal Medicine, 2011, 270, 175-186.	6.0	56
30	Association between reninâ€"angiotensin system gene polymorphism and essential hypertension: a community-based study. Journal of Human Hypertension, 2009, 23, 176-181.	2.2	55
31	Dietary Iron Intake and Body Iron Stores Are Associated with Risk of Coronary Heart Disease in a Meta-Analysis of Prospective Cohort Studies. Journal of Nutrition, 2014, 144, 359-366.	2.9	49
32	Chromium exposure and incidence of metabolic syndrome among American young adults over a 23-year follow-up: the CARDIA Trace Element Study. Scientific Reports, 2015, 5, 15606.	3.3	49
33	Methylation of arsenic by recombinant human wild-type arsenic (+ 3 oxidation state) methyltransferase and its methionine 287 threonine (M287T) polymorph: Role of glutathione. Toxicology and Applied Pharmacology, 2012, 264, 121-130.	2.8	46
34	Intake of fish and long-chain omega-3 polyunsaturated fatty acids and incidence of metabolic syndrome among American young adults: a 25-year follow-up study. European Journal of Nutrition, 2016, 55, 1707-1716.	3.9	45
35	Fish Consumption, Long-Chain Omega-3 Polyunsaturated Fatty Acid Intake and Risk of Metabolic Syndrome: A Meta-Analysis. Nutrients, 2015, 7, 2085-2100.	4.1	44
36	Folate intake and incidence of hypertension among American young adults: a 20-y follow-up study. American Journal of Clinical Nutrition, 2012, 95, 1023-1030.	4.7	40

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37	Urinary cadmium concentration and the risk of ischemic stroke. Neurology, 2018, 91, e382-e391.	1.1	40
38	Longitudinal association between toenail selenium levels and measures of subclinical atherosclerosis: The CARDIA trace element study. Atherosclerosis, 2010, 210, 662-667.	0.8	38
39	Cadmium exposure and risk of pancreatic cancer: a meta-analysis of prospective cohort studies and caseâ€"control studies among individuals without occupational exposure history. Environmental Science and Pollution Research, 2015, 22, 17465-17474.	5.3	36
40	Fish or Long-Chain (n-3) PUFA Intake Is Not Associated with Pancreatic Cancer Risk in a Meta-Analysis and Systematic Review. Journal of Nutrition, 2012, 142, 1067-1073.	2.9	32
41	Accumulated evidence on Helicobacter pylori infection and the risk of asthma. Annals of Allergy, Asthma and Immunology, 2017, 119, 137-145.e2.	1.0	32
42	Distribution of toenail selenium levels in young adult Caucasians and African Americans in the United States: The CARDIA Trace Element Study. Environmental Research, 2011, 111, 514-519.	7.5	31
43	Types of Fish Consumed and Fish Preparation Methods in Relation to Pancreatic Cancer Incidence: The VITAL Cohort Study. American Journal of Epidemiology, 2013, 177, 152-160.	3.4	31
44	Magnesium intake and incidence of pancreatic cancer: the VITamins and Lifestyle study. British Journal of Cancer, 2015, 113, 1615-1621.	6.4	30
45	Effects of adjuvant chemotherapy on recurrence, survival, and quality of life in stage II colon cancer patients: a 24-month follow-up. Supportive Care in Cancer, 2016, 24, 1463-1471.	2.2	30
46	Effects of Lead Exposure on Sperm Concentrations and Testes Weight in Male Rats: A Meta-regression Analysis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 454-463.	2.3	29
47	Fasting Insulin Level Is Positively Associated With Incidence of Hypertension Among American Young Adults. Diabetes Care, 2012, 35, 1532-1537.	8.6	28
48	Cadmium exposure and risk of prostate cancer: a meta-analysis of cohort and case-control studies among the general and occupational populations. Scientific Reports, 2016, 6, 25814.	3.3	28
49	Magnesium intake is inversely associated with risk of obesity in a 30-year prospective follow-up study among American young adults. European Journal of Nutrition, 2020, 59, 3745-3753.	3.9	28
50	Tagging single nucleotide polymorphisms in excision repair cross-complementing group 1 (ERCC1) and risk of primary lung cancer in a Chinese population. Pharmacogenetics and Genomics, 2007, 17, 417-423.	1.5	27
51	Effect of Intermittent versus Chronic Calorie Restriction on Tumor Incidence: A Systematic Review and Meta-Analysis of Animal Studies. Scientific Reports, 2016, 6, 33739.	3.3	27
52	Comparison of liver transplantation outcomes in biliary atresia patients with and without prior portoenterostomy: A meta-analysis. Digestive and Liver Disease, 2016, 48, 347-352.	0.9	27
53	Prevalence and causes of visual impairment among the elderly in Nantong, China. Eye, 2008, 22, 1069-1075.	2.1	26
54	Circulating calcium levels and the risk of type 2 diabetes: a systematic review and meta-analysis. British Journal of Nutrition, 2019, 122, 376-387.	2.3	26

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55	Physical activity in relation to quality of life in newly diagnosed colon cancer patients: a 24-month follow-up. Quality of Life Research, 2014, 23, 2235-2246.	3.1	22
56	Arsenic Exposure in Relation to Ischemic Stroke. Stroke, 2018, 49, 19-26.	2.0	22
57	Impact of Postnatal Antibiotics and Parenteral Nutrition on the Gut Microbiota in Preterm Infants During Early Life. Journal of Parenteral and Enteral Nutrition, 2020, 44, 639-654.	2.6	22
58	Bayesian benchmark dose analysis for inorganic arsenic in drinking water associated with bladder and lung cancer using epidemiological data. Toxicology, 2021, 455, 152752.	4.2	22
59	Adjuvant steroid treatment following Kasai portoenterostomy and clinical outcomes of biliary atresia patients: an updated meta-analysis. World Journal of Pediatrics, 2017, 13, 20-26.	1.8	20
60	Polymorphisms in excision repair cross-complementing group 4 (ERCC4) and susceptibility to primary lung cancer in a Chinese Han population. Lung Cancer, 2008, 60, 332-339.	2.0	19
61	Associations of Toenail Selenium Levels With Inflammatory Biomarkers of Fibrinogen, High-Sensitivity C-Reactive Protein, and Interleukin-6: The CARDIA Trace Element Study. American Journal of Epidemiology, 2010, 171, 793-800.	3.4	19
62	Serum bile acid level and fatty acid composition in Chinese children with nonâ€alcoholic fatty liver disease. Journal of Digestive Diseases, 2017, 18, 461-471.	1.5	19
63	Walking pace and the risk of stroke: A meta-analysis of prospective cohort studies. Journal of Sport and Health Science, 2020, 9, 521-529.	6.5	18
64	Vitamin D supplementation and quality of life following diagnosis in stage II colorectal cancer patients: a 24-month prospective study. Supportive Care in Cancer, 2016, 24, 1655-1661.	2.2	16
65	The effect of magnesium supplementation on muscle fitness: a meta-analysis and systematic review. Magnesium Research, 2017, 30, 120-132.	0.5	16
66	Skeletal muscle mitochondrial DNA copy number and mitochondrial DNA deletion mutation frequency as predictors of physical performance in older men and women. GeroScience, 2021, 43, 1253-1264.	4.6	16
67	Low to moderate toenail arsenic levels in young adulthood and incidence of diabetes later in life: findings from the CARDIA Trace Element study. Environmental Research, 2019, 171, 321-327.	7.5	16
68	Longitudinal association between toenail zinc levels and the incidence of diabetes among American young adults: The CARDIA Trace Element Study. Scientific Reports, 2016, 6, 23155.	3.3	15
69	Erythrocyte omega-3 index, ambient fine particle exposure, and brain aging. Neurology, 2020, 95, e995-e1007.	1.1	15
70	Effects of interrupting prolonged sitting on postprandial glycemia and insulin responses: A network meta-analysis. Journal of Sport and Health Science, 2021, 10, 419-429.	6.5	15
71	Smoking Cessation and the Risk of Bladder Cancer among Postmenopausal Women. Cancer Prevention Research, 2019, 12, 305-314.	1.5	14
72	Intakes of long-chain omega-3 polyunsaturated fatty acids and non-fried fish in relation to incidence of chronic kidney disease in young adults: a 25-year follow-up. European Journal of Nutrition, 2020, 59, 399-407.	3.9	14

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73	Serum mercury concentration and the risk of ischemic stroke: The REasons for Geographic and Racial Differences in Stroke Trace Element Study. Environment International, 2018, 117, 125-131.	10.0	13
74	Calcium Intake and Serum Calcium Level in Relation to the Risk of Ischemic Stroke: Findings from the REGARDS Study. Journal of Stroke, 2019, 21, 312-323.	3.2	13
75	Association between magnesium intake and risk of colorectal cancer among postmenopausal women. Cancer Causes and Control, 2015, 26, 1761-1769.	1.8	12
76	Sport facility proximity and physical activity: Results from the Study of Community Sports in China. European Journal of Sport Science, 2015, 15, 663-669.	2.7	11
77	Dual Trajectories of Cigarette Smoking and Smokeless Tobacco Use From Adolescence to Midlife Among Males in a Midwestern US Community Sample. Nicotine and Tobacco Research, 2016, 18, 186-195.	2.6	11
78	Levels of insulin-like growth factors and their receptors in placenta in relation to macrosomia. Asia Pacific Journal of Clinical Nutrition, 2009, 18, 171-8.	0.4	11
79	Distributions and determinants of mercury concentrations in toenails among American young adults: the CARDIA Trace Element Study. Environmental Science and Pollution Research, 2013, 20, 1423-1430.	5.3	9
80	Magnesium levels in relation to rates of preterm birth: a systematic review and meta-analysis of ecological, observational, and interventional studies. Nutrition Reviews, 2021, 79, 188-199.	5.8	9
81	Dietary Inflammatory Index and Cardiometabolic Risk in Ecuadorian Women. Nutrients, 2021, 13, 2640.	4.1	9
82	Dietary magnesium intake is inversely associated with serum C-reactive protein levels: meta-analysis and systematic review. European Journal of Clinical Nutrition, 2014, 68, 971-971.	2.9	8
83	Racial differences in dietary changes and quality of life after a colorectal cancer diagnosis: a follow-up of the Study of Outcomes in Colorectal Cancer Survivors cohort. American Journal of Clinical Nutrition, 2016, 103, 1523-1530.	4.7	8
84	Inaccuracy of Self-reported Low Sodium Diet among Chinese: Findings from Baseline Survey for Shandong & Ministry of Health Action on Salt and Hypertension (SMASH) Project. Biomedical and Environmental Sciences, 2015, 28, 161-7.	0.2	8
85	Contribution of Total Screen/Online-Course Time to Asthenopia in Children During COVID-19 Pandemic via Influencing Psychological Stress. Frontiers in Public Health, 2021, 9, 736617.	2.7	8
86	Fish Oil Supplementation and Quality of Life in Stage II Colorectal Cancer Patients: A 24-Month Follow-Up Study. Nutrition and Cancer, 2015, 67, 1241-1248.	2.0	7
87	Non-occupational physical activity during pregnancy and the risk of preterm birth: a meta-analysis of observational and interventional studies. Scientific Reports, 2017, 7, 44842.	3.3	7
88	Uric acid and diabetes risk among Chinese women with a history of gestational diabetes mellitus. Diabetes Research and Clinical Practice, 2017, 134, 72-79.	2.8	7
89	Intake of Vegetables and Fruits Through Young Adulthood Is Associated with Better Cognitive Function in Midlife in the US General Population. Journal of Nutrition, 2019, 149, 1424-1433.	2.9	7
90	Association between dietary intake of polyunsaturated fatty acid and prevalence of hypertension in U.S. adults: A cross-sectional study using data from NHANES 2009â€“2016. Hypertension Research, 2022, 45, 516-526.	2.7	7

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91	Antioxidant Supplementation Is Not Associated with Long-term Quality of Life in Stage-II Colorectal Cancer Survivors: A Follow-up of the Study of Colorectal Cancer Survivors Cohort. Nutrition and Cancer, 2017, 69, 159-166.	2.0	6
92	Rest Evaluation for Active Concussion Treatment (ReAct) Protocol: a prospective cohort study of levels of physical and cognitive rest after youth sports-related concussion. BMJ Open, 2019, 9, e028386.	1.9	6
93	Associations of dietary PUFA with dyslipidaemia among the US adults: the findings from National Health and Nutrition Examination Survey (NHANES) 2009â€“2016. British Journal of Nutrition, 2022, 127, 1386-1394.	2.3	6
94	Do B Vitamins Enhance the Effect of Omega-3 Polyunsaturated Fatty Acids on Cardiovascular Diseases? A Systematic Review of Clinical Trials. Nutrients, 2022, 14, 1608.	4.1	6
95	Maternal mRNA expression levels of H19 are inversely associated with risk of macrosomia. Archives of Medical Science, 2014, 3, 525-530.	0.9	5
96	Efficacy and safety of a specific commercial high-protein meal-replacement product line in weight management: meta-analysis of randomized controlled trials. Critical Reviews in Food Science and Nutrition, 2022, 62, 798-809.	10.3	5
97	The association between type 2 diabetes mellitus and bladder cancer risk among postmenopausal women. Cancer Causes and Control, 2020, 31, 503-510.	1.8	5
98	Magnesium intake is inversely associated with the risk of metabolic syndrome in the REasons for geographic and racial differences in stroke (REGARDS) cohort study. Clinical Nutrition, 2021, 40, 2337-2342.	5.0	5
99	Dietary magnesium intake is inversely associated with serum C-reactive protein levels: meta-analysis and systematic review. European Journal of Clinical Nutrition, 2015, 69, 409-409.	2.9	4
100	Serum magnesium concentration and incident cognitive impairment: the reasons for geographic and racial differences in stroke study. European Journal of Nutrition, 2021, 60, 1511-1520.	3.9	4
101	Association between toenail zinc concentrations and incidence of asthma among American young adults: The CARDIA study. Journal of Trace Elements in Medicine and Biology, 2021, 64, 126683.	3.0	4
102	A Large Scale Gene-Centric Association Study of Lung Function in Newly-Hired Female Cotton Textile Workers with Endotoxin Exposure. PLoS ONE, 2013, 8, e59035.	2.5	4
103	A Score Method for Comparison of Partial Genomic Regions in Their Representatives of Full-Length Genome of Hepatitis E Virus for Genotyping. Intervirology, 2007, 50, 328-335.	2.8	3
104	The nonâ€linear threshold association between aspirin use and esophageal adenocarcinoma: results of a doseâ€“response metaâ€analysis. Pharmacoepidemiology and Drug Safety, 2014, 23, 278-284.	1.9	3
105	Association of herbal/botanic supplement use with quality of life, recurrence, and survival in newly diagnosed stage II colon cancer patients: A 2-y follow-up study. Nutrition, 2018, 54, 1-6.	2.4	3
106	Bayesian Network Meta-Analysis for Assessing Adverse Effects of Anti-hepatitis B Drugs. Clinical Drug Investigation, 2019, 39, 835-846.	2.2	3
107	The daily Self-Weighing for Obesity Management in Primary Care Study: Rationale, design and methodology. Contemporary Clinical Trials, 2021, 107, 106463.	1.8	3
108	Effects of seafood consumption and toenail mercury and selenium levels on cognitive function among American adults: 25 y of follow up. Nutrition, 2019, 61, 77-83.	2.4	2

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109	Magnesium intake was inversely associated with hostility among American young adults. Nutrition Research, 2021, 89, 35-44.	2.9	2
110	Combining Previously Published Studies with Current Data in Bayesian Logistic Regression Model: An Example for Identifying Susceptibility Genes Related to Lung Cancer in Humans. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 683-689.	2.3	1
111	Response to RE: Effects of adjuvant chemotherapy on recurrence, survival, and quality of life in stage II colon cancer patients: a 24-month follow-up. Supportive Care in Cancer, 2016, 24, 4081-4082.	2.2	1
112	Bioaccessibility of Inorganic Arsenic in Rice: Probabilistic Estimation and Identification of Influencing Factors. Food Reviews International, 2023, 39, 2790-2805.	8.4	1
113	Vitamin D Supplementation and Quality of Life Following Diagnosis in Stage II Colorectal Cancer Survivors. FASEB Journal, 2015, 29, 253.6.	0.5	1
114	Unbalanced Cancer Status May Undermine Results on Insulin and Insulin-like Growth Factor. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2150-2150.	2.5	0
115	Reply to RG Bursey et al. American Journal of Clinical Nutrition, 2011, 94, 960-961.	4.7	0
116	Reply to F Teymoori et al.. American Journal of Clinical Nutrition, 2018, 107, 293-293.	4.7	0
117	Obesity perception survey among youth in Turkey: instrument development and test-retest reliability. Turkish Journal of Medical Sciences, 2019, 49, 1228-1235.	0.9	0
118	Magnesium levels in relation to the rate of preterm birth: Data from ecological, observational and intervention studies. FASEB Journal, 2019, 33, 871.11.	0.5	0
119	The association between parental weight status and risk of hypertension in children aged 6 to 12 years. Asia Pacific Journal of Clinical Nutrition, 2019, 28, 812-818.	0.4	0