

Yu Chen

List of Publications by Year in descending order

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116
papers

8,627
citations

36303

51
h-index

45317

90
g-index

118
all docs

118
docs citations

118
times ranked

9284
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic exposure from drinking water, and all-cause and chronic-disease mortalities in Bangladesh (HEALS): a prospective cohort study. <i>Lancet</i> , The, 2010, 376, 252-258.	13.7	590
2	Arsenic exposure from drinking water and mortality from cardiovascular disease in Bangladesh: prospective cohort study. <i>BMJ: British Medical Journal</i> , 2011, 342, d2431-d2431.	2.3	344
3	<i>Helicobacter pylori</i> Colonization Is Inversely Associated with Childhood Asthma. <i>Journal of Infectious Diseases</i> , 2008, 198, 553-560.	4.0	323
4	Inverse Associations of <i>Helicobacter pylori</i> With Asthma and Allergy. <i>Archives of Internal Medicine</i> , 2007, 167, 821.	3.8	313
5	Arsenic and Cardiovascular Disease. <i>Toxicological Sciences</i> , 2009, 107, 312-323.	3.1	280
6	Arsenic Exposure from Drinking Water and Risk of Premalignant Skin Lesions in Bangladesh: Baseline Results from the Health Effects of Arsenic Longitudinal Study. <i>American Journal of Epidemiology</i> , 2006, 163, 1138-1148.	3.4	255
7	Arsenic exposure at low-to-moderate levels and skin lesions, arsenic metabolism, neurological functions, and biomarkers for respiratory and cardiovascular diseases: Review of recent findings from the Health Effects of Arsenic Longitudinal Study (HEALS) in Bangladesh. <i>Toxicology and Applied Pharmacology</i> , 2009, 239, 184-192.	2.8	252
8	Health Effects of Arsenic Longitudinal Study (HEALS): Description of a multidisciplinary epidemiologic investigation. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2006, 16, 191-205.	3.9	251
9	Association between body mass index and cardiovascular disease mortality in east Asians and south Asians: pooled analysis of prospective data from the Asia Cohort Consortium. <i>BMJ</i> , The, 2013, 347, f5446-f5446.	6.0	239
10	Arsenic Metabolism, Genetic Susceptibility, and Risk of Premalignant Skin Lesions in Bangladesh. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1270-1278.	2.5	187
11	Blood arsenic as a biomarker of arsenic exposure: Results from a prospective study. <i>Toxicology</i> , 2006, 225, 225-233.	4.2	184
12	In utero and early life arsenic exposure in relation to long-term health and disease. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 384-390.	2.8	182
13	The potential protective effects of taurine on coronary heart disease. <i>Atherosclerosis</i> , 2010, 208, 19-25.	0.8	173
14	Body Mass Index and Diabetes in Asia: A Cross-Sectional Pooled Analysis of 900,000 Individuals in the Asia Cohort Consortium. <i>PLoS ONE</i> , 2011, 6, e19930.	2.5	154
15	Arsenic exposure in Latin America: Biomarkers, risk assessments and related health effects. <i>Science of the Total Environment</i> , 2012, 429, 76-91.	8.0	151
16	A Prospective Study of Arsenic Exposure, Arsenic Methylation Capacity, and Risk of Cardiovascular Disease in Bangladesh. <i>Environmental Health Perspectives</i> , 2013, 121, 832-838.	6.0	146
17	A Prospective Study of Arsenic Exposure From Drinking Water and Incidence of Skin Lesions in Bangladesh. <i>American Journal of Epidemiology</i> , 2011, 174, 185-194.	3.4	134
18	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

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19	Consumption of folate-related nutrients and metabolism of arsenic in Bangladesh. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1367-1374.	4.7	119
20	Arsenic Exposure from Drinking Water, Dietary Intakes of B Vitamins and Folate, and Risk of High Blood Pressure in Bangladesh: A Population-based, Cross-sectional Study. <i>American Journal of Epidemiology</i> , 2006, 165, 541-552.	3.4	116
21	A dose-response meta-analysis of chronic arsenic exposure and incident cardiovascular disease. <i>International Journal of Epidemiology</i> , 2017, 46, 1924-1939.	1.9	116
22	High frequency of promoter hypermethylation of RASSF1A and p16 and its relationship to aflatoxin B1-DNA adduct levels in human hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 2002, 35, 85-92.	2.7	115
23	Meat intake and cause-specific mortality: a pooled analysis of Asian prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 1032-1041.	4.7	109
24	A prospective study of respiratory symptoms associated with chronic arsenic exposure in Bangladesh: findings from the Health Effects of Arsenic Longitudinal Study (HEALS). <i>Thorax</i> , 2010, 65, 528-533.	5.6	105
25	Association of Diabetes With All-Cause and Cause-Specific Mortality in Asia. <i>JAMA Network Open</i> , 2019, 2, e192696.	5.9	103
26	The role of gastric microbiota in gastric cancer. <i>Gut Microbes</i> , 2020, 11, 1220-1230.	9.8	100
27	A Prospective Study of Blood Selenium Levels and the Risk of Arsenic-Related Premalignant Skin Lesions. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 207-213.	2.5	99
28	Prevalence of Arsenic Exposure from Drinking Water and Awareness of Its Health Risks in a Bangladeshi Population: Results from a Large Population-Based Study. <i>Environmental Health Perspectives</i> , 2006, 114, 355-359.	6.0	98
29	Nonmalignant Respiratory Effects of Chronic Arsenic Exposure from Drinking Water among Never-Smokers in Bangladesh. <i>Environmental Health Perspectives</i> , 2008, 116, 190-195.	6.0	97
30	Association Between Gastric <i>Helicobacter pylori</i> Colonization and Glycated Hemoglobin Levels. <i>Journal of Infectious Diseases</i> , 2012, 205, 1195-1202.	4.0	93
31	Silencing of glutathione S-transferase P1 by promoter hypermethylation and its relationship to environmental chemical carcinogens in hepatocellular carcinoma. <i>Cancer Letters</i> , 2005, 221, 135-143.	7.2	91
32	Association between <i>Helicobacter pylori</i> and mortality in the NHANES III study. <i>Gut</i> , 2013, 62, 1262-1269.	12.1	91
33	Modification of Risk of Arsenic-Induced Skin Lesions by Sunlight Exposure, Smoking, and Occupational Exposures in Bangladesh. <i>Epidemiology</i> , 2006, 17, 459-467.	2.7	90
34	Reduction in Urinary Arsenic Levels in Response to Arsenic Mitigation Efforts in Araihasar, Bangladesh. <i>Environmental Health Perspectives</i> , 2007, 115, 917-923.	6.0	89
35	Validity of a food-frequency questionnaire for a large prospective cohort study in Bangladesh. <i>British Journal of Nutrition</i> , 2004, 92, 851-859.	2.3	84
36	No Association between Arsenic Exposure from Drinking Water and Diabetes Mellitus: A Cross-Sectional Study in Bangladesh. <i>Environmental Health Perspectives</i> , 2010, 118, 1299-1305.	6.0	84

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37	Combined Genetic Assessment of Transforming Growth Factor- β 2 Signaling Pathway Variants May Predict Breast Cancer Risk. <i>Cancer Research</i> , 2005, 65, 3454-3461.	0.9	83
38	Arsenic Exposure From Drinking Water, Arsenic Methylation Capacity, and Carotid Intima-Media Thickness in Bangladesh. <i>American Journal of Epidemiology</i> , 2013, 178, 372-381.	3.4	81
39	Inactivation of the DNA repair gene O6-methylguanine-DNA methyltransferase by promoter hypermethylation and its relationship to aflatoxin B1-DNA adducts and p53 mutation in hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2003, 103, 440-444.	5.1	78
40	Aflatoxin B1 and polycyclic aromatic hydrocarbon adducts, p53 mutations and p16 methylation in liver tissue and plasma of hepatocellular carcinoma patients. <i>International Journal of Cancer</i> , 2006, 119, 985-991.	5.1	74
41	Protective Effects of B Vitamins and Antioxidants on the Risk of Arsenic-Related Skin Lesions in Bangladesh. <i>Environmental Health Perspectives</i> , 2008, 116, 1056-1062.	6.0	69
42	Association between Arsenic Exposure from Drinking Water and Plasma Levels of Soluble Cell Adhesion Molecules. <i>Environmental Health Perspectives</i> , 2007, 115, 1415-1420.	6.0	65
43	Arsenic Exposure and Anemia in Bangladesh: A Population-Based Study. <i>Journal of Occupational and Environmental Medicine</i> , 2008, 50, 80-87.	1.7	65
44	Association Between Arsenic Exposure From Drinking Water and Plasma Levels of Cardiovascular Markers. <i>American Journal of Epidemiology</i> , 2012, 175, 1252-1261.	3.4	63
45	Urinary and Dietary Analysis of 18,470 Bangladeshis Reveal a Correlation of Rice Consumption with Arsenic Exposure and Toxicity. <i>PLoS ONE</i> , 2013, 8, e80691.	2.5	62
46	Maternal arsenic exposure and gestational diabetes and glucose intolerance in the New Hampshire birth cohort study. <i>Environmental Health</i> , 2016, 15, 106.	4.0	61
47	A Prospective Study of the Synergistic Effects of Arsenic Exposure and Smoking, Sun Exposure, Fertilizer Use, and Pesticide Use on Risk of Premalignant Skin Lesions in Bangladeshi Men. <i>American Journal of Epidemiology</i> , 2011, 173, 183-191.	3.4	60
48	A cross-sectional study of water arsenic exposure and intellectual function in adolescence in Araihasar, Bangladesh. <i>Environment International</i> , 2018, 118, 304-313.	10.0	59
49	Dietary Intake of Methionine, Cysteine, and Protein and Urinary Arsenic Excretion in Bangladesh. <i>Environmental Health Perspectives</i> , 2009, 117, 99-104.	6.0	57
50	Arsenic Exposure, Dietary Patterns, and Skin Lesion Risk in Bangladesh: A Prospective Study. <i>American Journal of Epidemiology</i> , 2011, 173, 345-354.	3.4	56
51	Betel quid chewing in rural Bangladesh: prevalence, predictors and relationship to blood pressure. <i>International Journal of Epidemiology</i> , 2012, 41, 462-471.	1.9	54
52	Association between oral health and gastric precancerous lesions. <i>Carcinogenesis</i> , 2012, 33, 399-403.	2.8	53
53	Arsenic and Lung Disease Mortality in Bangladeshi Adults. <i>Epidemiology</i> , 2014, 25, 536-543.	2.7	53
54	A Prospective Study of Tobacco Smoking and Mortality in Bangladesh. <i>PLoS ONE</i> , 2013, 8, e58516.	2.5	52

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55	Association between Arsenic Exposure from Drinking Water and Longitudinal Change in Blood Pressure among HEALS Cohort Participants. <i>Environmental Health Perspectives</i> , 2015, 123, 806-812.	6.0	52
56	A prospective study of body mass index and mortality in Bangladesh. <i>International Journal of Epidemiology</i> , 2010, 39, 1037-1045.	1.9	50
57	Risk of death from cardiovascular disease associated with low-level arsenic exposure among long-term smokers in a US population-based study. <i>Toxicology and Applied Pharmacology</i> , 2015, 287, 93-97.	2.8	50
58	Association between arsenic exposure from drinking water and proteinuria: results from the Health Effects of Arsenic Longitudinal Study. <i>International Journal of Epidemiology</i> , 2011, 40, 828-835.	1.9	48
59	Endogenous hormones and coronary heart disease in postmenopausal women. <i>Atherosclerosis</i> , 2011, 216, 414-419.	0.8	47
60	TGFB1 α 6A May Contribute to Hereditary Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2005, 23, 3074-3078.	1.6	45
61	Arsenic Exposure from Drinking Water and QT-Interval Prolongation: Results from the Health Effects of Arsenic Longitudinal Study. <i>Environmental Health Perspectives</i> , 2013, 121, 427-432.	6.0	45
62	Nutritional influence on risk of high blood pressure in Bangladesh: a population-based cross-sectional study. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1224-1232.	4.7	44
63	Socioeconomic Status and Risk for Arsenic-Related Skin Lesions in Bangladesh. <i>American Journal of Public Health</i> , 2007, 97, 825-831.	2.7	42
64	Arsenic Exposure and Subclinical Endpoints of Cardiovascular Disease. <i>Current Environmental Health Reports</i> , 2014, 1, 148-162.	6.7	42
65	Associations of Body Mass Index, Smoking, and Alcohol Consumption With Prostate Cancer Mortality in the Asia Cohort Consortium. <i>American Journal of Epidemiology</i> , 2015, 182, 381-389.	3.4	42
66	Chronic Periodontal Disease, Periodontal Pathogen Colonization, and Increased Risk of Precancerous Gastric Lesions. <i>Journal of Periodontology</i> , 2017, 88, 1124-1134.	3.4	41
67	The Association Between Smoking and Gut Microbiome in Bangladesh. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1339-1346.	2.6	39
68	Association between Selected Oral Pathogens and Gastric Precancerous Lesions. <i>PLoS ONE</i> , 2013, 8, e51604.	2.5	36
69	Urine Arsenic and Arsenic Metabolites in U.S. Adults and Biomarkers of Inflammation, Oxidative Stress, and Endothelial Dysfunction: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , 2017, 125, 127002.	6.0	35
70	Intakes of Several Nutrients Are Associated with Incidence of Arsenic-Related Keratotic Skin Lesions in Bangladesh. <i>Journal of Nutrition</i> , 2012, 142, 2128-2134.	2.9	33
71	Prospective investigation of major dietary patterns and risk of cardiovascular mortality in Bangladesh. <i>International Journal of Cardiology</i> , 2013, 167, 1495-1501.	1.7	33
72	Association between anthropometric measures of obesity and subclinical atherosclerosis in Bangladesh. <i>Atherosclerosis</i> , 2014, 232, 234-241.	0.8	33

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73	Blood Pressure Changes in Relation to Arsenic Exposure in a U.S. Pregnancy Cohort. <i>Environmental Health Perspectives</i> , 2015, 123, 999-1006.	6.0	31
74	The association between gut microbiome and anthropometric measurements in Bangladesh. <i>Gut Microbes</i> , 2020, 11, 63-76.	9.8	31
75	The role of gut microbiome and its interaction with arsenic exposure in carotid intima-media thickness in a Bangladesh population. <i>Environment International</i> , 2019, 123, 104-113.	10.0	30
76	Arsenic Exposure from Drinking Water and Urinary Metabolomics: Associations and Long-Term Reproducibility in Bangladesh Adults. <i>Environmental Health Perspectives</i> , 2018, 126, 017005.	6.0	29
77	Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 195-203.	2.8	27
78	Interaction between Arsenic Exposure from Drinking Water and Genetic Polymorphisms on Cardiovascular Disease in Bangladesh: A Prospective Case-Cohort Study. <i>Environmental Health Perspectives</i> , 2015, 123, 451-457.	6.0	27
79	Arsenic exposure from drinking-water and carotid artery intima-medial thickness in healthy young adults in Bangladesh. <i>Journal of Health, Population and Nutrition</i> , 2006, 24, 253-7.	2.0	26
80	Oral and gastric microbiome in relation to gastric intestinal metaplasia. <i>International Journal of Cancer</i> , 2022, 150, 928-940.	5.1	25
81	Serum taurine and risk of coronary heart disease: a prospective, nested case-control study. <i>European Journal of Nutrition</i> , 2013, 52, 169-178.	3.9	23
82	Inference for Causal Interactions for Continuous Exposures under Dichotomization. <i>Biometrics</i> , 2011, 67, 1414-1421.	1.4	22
83	Early life and adolescent arsenic exposure from drinking water and blood pressure in adolescence. <i>Environmental Research</i> , 2019, 178, 108681.	7.5	22
84	Betel quid use and mortality in Bangladesh: a cohort study. <i>Bulletin of the World Health Organization</i> , 2015, 93, 684-692.	3.3	20
85	Gene-arsenic interaction in longitudinal changes of blood pressure: Findings from the Health Effects of Arsenic Longitudinal Study (HEALS) in Bangladesh. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 95-105.	2.8	19
86	Dietary B Vitamin Intake Is Associated with Lower Urinary Monomethyl Arsenic and Oxidative Stress Marker 15-F2t-Isoprostane among New Hampshire Adults. <i>Journal of Nutrition</i> , 2017, 147, 2289-2296.	2.9	19
87	Dietary B vitamin intakes and urinary total arsenic concentration in the Health Effects of Arsenic Longitudinal Study (HEALS) cohort, Bangladesh. <i>European Journal of Nutrition</i> , 2010, 49, 473-481.	3.9	18
88	Dipstick proteinuria as a predictor of all-cause and cardiovascular disease mortality in Bangladesh: A prospective cohort study. <i>Preventive Medicine</i> , 2015, 78, 72-77.	3.4	18
89	Maternal and infant inflammatory markers in relation to prenatal arsenic exposure in a U.S. pregnancy cohort. <i>Environmental Research</i> , 2017, 156, 426-433.	7.5	18
90	The Environment and Children's Health Care in Northwest China. <i>BMC Pediatrics</i> , 2014, 14, 82.	1.7	17

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91	Prospective study of oral microbiome and gastric cancer risk among Asian, African American and European American populations. <i>International Journal of Cancer</i> , 2022, 150, 916-927.	5.1	17
92	A prospective study of arm circumference and risk of death in Bangladesh. <i>International Journal of Epidemiology</i> , 2014, 43, 1187-1196.	1.9	16
93	Association of major dietary patterns and blood pressure longitudinal change in Bangladesh. <i>Journal of Hypertension</i> , 2015, 33, 1193-1200.	0.5	15
94	No major association between TGFBR1*6A and prostate cancer. <i>BMC Genetics</i> , 2004, 5, 28.	2.7	14
95	Arsenic and Cardiovascular Disease: New Evidence From the United States. <i>Annals of Internal Medicine</i> , 2013, 159, 713-4.	3.9	13
96	Association between betel quid chewing and carotid intima-media thickness in rural Bangladesh. <i>International Journal of Epidemiology</i> , 2014, 43, 1174-1182.	1.9	13
97	Association between arsenic exposure from drinking water and hematuria: Results from the Health Effects of Arsenic Longitudinal Study. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 21-27.	2.8	13
98	Major dietary patterns and carotid intima-media thickness in Bangladesh. <i>Public Health Nutrition</i> , 2016, 19, 218-229.	2.2	13
99	Protein and Amino Acid Intakes in a Rural Area of Bangladesh. <i>Food and Nutrition Bulletin</i> , 2010, 31, 206-213.	1.4	10
100	Serum Taurine and Stroke Risk in Women: A Prospective, Nested Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0149348.	2.5	10
101	A prospective study of variability in systolic blood pressure and mortality in a rural Bangladeshi population cohort. <i>Preventive Medicine</i> , 2013, 57, 807-812.	3.4	9
102	Arsenic Exposure, Arsenic Metabolism, and Glycemia: Results from a Clinical Population in New York City. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3749.	2.6	8
103	Arsenic exposure from drinking water and endothelial dysfunction in Bangladeshi adolescents. <i>Environmental Research</i> , 2022, 208, 112697.	7.5	8
104	Temporal reproducibility of taurine measurements in frozen serum of healthy postmenopausal women. <i>British Journal of Nutrition</i> , 2010, 104, 629-632.	2.3	7
105	Temperature field distribution of optical fiber composite low-voltage cable. , 2017, , .		7
106	A population-based prospective study of energy-providing nutrients in relation to all-cause cancer mortality and cancers of digestive organs mortality. <i>International Journal of Cancer</i> , 2013, 133, 2422-2428.	5.1	6
107	Association between number of children and carotid intima-media thickness in Bangladesh. <i>PLoS ONE</i> , 2018, 13, e0208148.	2.5	6
108	The association between socioeconomic status and subclinical atherosclerosis in a rural Bangladesh population. <i>Preventive Medicine</i> , 2017, 102, 6-11.	3.4	5

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109	Temporal reliability of serum soluble and endogenous secretory receptors for advanced glycation end-products (sRAGE and esRAGE) in healthy women. <i>Cancer Causes and Control</i> , 2018, 29, 901-905.	1.8	5
110	Periodontal diseases and carotid intima-media thickness in Bangladesh. <i>Journal of Clinical Periodontology</i> , 2016, 43, 909-917.	4.9	4
111	Retrospective Likelihood-Based Methods for Analyzing Case-Cohort Genetic Association Studies. <i>Biometrics</i> , 2015, 71, 960-968.	1.4	3
112	Improving Knowledge about Children's Environmental Health in Northwest China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 80.	2.6	3
113	Gut Microbiota and Subjective Memory Complaints in Older Women. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-12.	2.6	3
114	Macro Bending Effect in Optical Fiber Composite Low Voltage Cable. , 2018, , .		1
115	Extent of Biomass Exposures and Health Effects Among Rural Women in Bangladesh. <i>Epidemiology</i> , 2009, 20, S92.	2.7	0
116	Cohort Studies in Low- and Middle-Income Countries. , 2013, , 139-156.		0