

Wen-Yi Yang

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

1,816
citations

331259

21
h-index

329751

37
g-index

85
all docs

85
docs citations

85
times ranked

2651
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Office and Ambulatory Blood Pressure With Mortality and Cardiovascular Outcomes. JAMA - Journal of the American Medical Association, 2019, 322, 409.	3.8	265
2	The Cardiovascular Risk of White-Coat Hypertension. Journal of the American College of Cardiology, 2016, 68, 2033-2043.	1.2	129
3	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	73
4	Meta-analysis of randomized controlled trials of renal denervation in treatment-resistant hypertension. Blood Pressure, 2015, 24, 263-274.	0.7	65
5	Ambulatory Blood Pressure Monitoring to Diagnose and Manage Hypertension. Hypertension, 2021, 77, 254-264.	1.3	51
6	Vitamin K Dependent Protection of Renal Function in Multi-ethnic Population Studies. EBioMedicine, 2016, 4, 162-169.	2.7	44
7	Left Ventricular Structure and Function in Relation to Environmental Exposure to Lead and Cadmium. Journal of the American Heart Association, 2017, 6, .	1.6	42
8	Risk for Incident Heart Failure: A Subject-Level Meta-Analysis From the Heart OMics in AGEing (HOMAGE) Study. Journal of the American Heart Association, 2017, 6, .	1.6	41
9	Diurnal Blood Pressure Rhythmicity in Relation to Environmental and Genetic Cues in Untreated Referred Patients. Hypertension, 2017, 69, 128-135.	1.3	37
10	Longitudinal Changes in LV Structure and Diastolic Function in Relation to Arterial Properties in General Population. JACC: Cardiovascular Imaging, 2017, 10, 1307-1316.	2.3	35
11	Left ventricular function in relation to chronic residential air pollution in a general population. European Journal of Preventive Cardiology, 2017, 24, 1416-1428.	0.8	35
12	Relation of Insulin Resistance to Longitudinal Changes in Left Ventricular Structure and Function in a General Population. Journal of the American Heart Association, 2018, 7, .	1.6	35
13	Urinary Proteome and Systolic Blood Pressure as Predictors of 5-Year Cardiovascular and Cardiac Outcomes in a General Population. Hypertension, 2015, 66, 52-60.	1.3	33
14	Desphospho-uncarboxylated matrix Gla protein is a novel circulating biomarker predicting deterioration of renal function in the general population. Nephrology Dialysis Transplantation, 2018, 33, 1122-1128.	0.4	33
15	Cardiovascular End Points and Mortality Are Not Closer Associated With Central Than Peripheral Pulsatile Blood Pressure Components. Hypertension, 2020, 76, 350-358.	1.3	33
16	Opposing Age-Related Trends in Absolute and Relative Risk of Adverse Health Outcomes Associated With Out-of-Office Blood Pressure. Hypertension, 2019, 74, 1333-1342.	1.3	31
17	Novel Urinary Peptidomic Classifier Predicts Incident Heart Failure. Journal of the American Heart Association, 2017, 6, .	1.6	30
18	Evidence-based proposal for the number of ambulatory readings required for assessing blood pressure level in research settings: an analysis of the IDACO database. Blood Pressure, 2018, 27, 341-350.	0.7	29

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19	Incidence of nephrolithiasis in relation to environmental exposure to lead and cadmium in a population study. <i>Environmental Research</i> , 2016, 145, 1-8.	3.7	27
20	Glomerular function in relation to circulating adhesion molecules and inflammation markers in a general population. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 426-435.	0.4	27
21	Specific immune status in Parkinson's disease at different ages of onset. <i>Npj Parkinson's Disease</i> , 2022, 8, 5.	2.5	26
22	Variation of PEAR1 DNA methylation influences platelet and leukocyte function. <i>Clinical Epigenetics</i> , 2019, 11, 151.	1.8	25
23	A Urinary Fragment of Mucin-1 Subunit 1 Is a Novel Biomarker Associated With Renal Dysfunction in the General Population. <i>Kidney International Reports</i> , 2017, 2, 811-820.	0.4	24
24	Association of Fatal and Nonfatal Cardiovascular Outcomes With 24-Hour Mean Arterial Pressure. <i>Hypertension</i> , 2021, 77, 39-48.	1.3	24
25	Outcome-Driven Thresholds for Ambulatory Blood Pressure Based on the New American College of Cardiology/American Heart Association Classification of Hypertension. <i>Hypertension</i> , 2019, 74, 776-783.	1.3	23
26	Diastolic left ventricular function in relation to circulating metabolic biomarkers in a population study. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 22-32.	0.8	23
27	Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. <i>PLoS ONE</i> , 2016, 11, e0167582.	1.1	22
28	Conventional and Ambulatory Blood Pressure as Predictors of Retinal Arteriolar Narrowing. <i>Hypertension</i> , 2016, 68, 511-520.	1.3	20
29	Results of a randomized controlled pilot trial of intravascular renal denervation for management of treatment-resistant hypertension. <i>Blood Pressure</i> , 2017, 26, 321-331.	0.7	20
30	Genetics of ion homeostasis in Parkinson's Disease. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 757-763.	0.8	20
31	Epidemiologic observations guiding clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 438-447.e4.	2.3	20
32	Association between cognition and the retinal microvasculature in 11-year old children born preterm or at term. <i>Early Human Development</i> , 2018, 118, 1-7.	0.8	20
33	Risk Stratification by Cross-Classification of Central and Brachial Systolic Blood Pressure. <i>Hypertension</i> , 2022, 79, 1101-1111.	1.3	19
34	Inactive matrix Gla protein is a novel circulating biomarker predicting retinal arteriolar narrowing in humans. <i>Scientific Reports</i> , 2018, 8, 15088.	1.6	17
35	Diastolic Left Ventricular Function in Relation to Circulating Metabolic Biomarkers in a General Population. <i>Journal of the American Heart Association</i> , 2016, 5, e002681.	1.6	16
36	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. <i>Echocardiography</i> , 2019, 36, 458-468.	0.3	16

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37	A novel urinary biomarker predicts 1-year mortality after discharge from intensive care. <i>Critical Care</i> , 2020, 24, 10.	2.5	16
38	Isolated Diastolic Hypertension in the IDACO Study: An Age-Stratified Analysis Using 24-Hour Ambulatory Blood Pressure Measurements. <i>Hypertension</i> , 2021, 78, 1222-1231.	1.3	16
39	Retinal microvascular diameter, a hypertension-related trait, in ECG-gated vs. non-gated images analyzed by IVAN and SIVA. <i>Hypertension Research</i> , 2016, 39, 886-892.	1.5	15
40	The risk of nephrolithiasis is causally related to inactive matrix Gla protein, a marker of vitamin K status: a Mendelian randomization study in a Flemish population. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 514-522.	0.4	15
41	Relative and Absolute Risk to Guide the Management of Pulse Pressure, an Age-Related Cardiovascular Risk Factor. <i>American Journal of Hypertension</i> , 2021, 34, 929-938.	1.0	15
42	STK39 and WNK1 Are Potential Hypertension Susceptibility Genes in the BELHYPGEN Cohort. <i>Medicine (United States)</i> , 2016, 95, e2968.	0.4	14
43	Renal glomerular dysfunction in relation to retinal arteriolar narrowing and high pulse pressure in seniors. <i>Hypertension Research</i> , 2016, 39, 138-143.	1.5	14
44	Association of office and ambulatory blood pressure with blood lead in workers before occupational exposure. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 14-24.	2.3	14
45	Central Hemodynamics in Relation to Circulating Desphospho- α -Carboxylated Matrix Gla Protein: A Population Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011960.	1.6	14
46	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. <i>BMC Medical Genetics</i> , 2017, 18, 45.	2.1	13
47	Interpretation of Population Health Metrics. <i>Hypertension</i> , 2020, 75, 603-614.	1.3	13
48	Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. <i>BMC Genetics</i> , 2015, 16, 116.	2.7	12
49	Study for Promotion of Health in Recycling Lead – Rationale and design. <i>Blood Pressure</i> , 2015, 24, 147-157.	0.7	12
50	ECG Voltage in Relation to Peripheral and Central Ambulatory Blood Pressure. <i>American Journal of Hypertension</i> , 2018, 31, 178-187.	1.0	12
51	Office and Home Blood Pressures as Determinants of Electrocardiographic Left Ventricular Hypertrophy Among Black Nigerians Compared With White Flemish. <i>American Journal of Hypertension</i> , 2017, 30, 1083-1092.	1.0	11
52	Renal function in relation to low-level environmental lead exposure. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 941-946.	0.4	11
53	Association of left ventricular structure and function with peripheral blood mitochondrial DNA content in a general population. <i>International Journal of Cardiology</i> , 2016, 214, 180-188.	0.8	10
54	Urinary peptidomic biomarkers of renal function in heart transplant recipients. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1336-1343.	0.4	10

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55	Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. <i>PLoS ONE</i> , 2018, 13, e0193967.	1.1	10
56	Aspirin use is associated with increased risk for incident heart failure: a patient-level pooled analysis. <i>ESC Heart Failure</i> , 2022, 9, 685-694.	1.4	10
57	Effects of Nano-Hydroxyapatite/Polyetheretherketone-Coated, Sandblasted, Large-Grit, and Acid-Etched Implants on Inflammatory Cytokines and Osseointegration in a Peri-Implantitis Model in Beagle Dogs. <i>Medical Science Monitor</i> , 2017, 23, 4601-4611.	0.5	9
58	Urinary Proteomics in Predicting Heart Transplantation Outcomes (uPROPHET) – Rationale and database description. <i>PLoS ONE</i> , 2017, 12, e0184443.	1.1	9
59	Reproducibility of Retinal Microvascular Traits Decoded by the Singapore I Vessel Assessment Software Across the Human Age Range. <i>American Journal of Hypertension</i> , 2018, 31, 438-449.	1.0	8
60	Area of the pressure-strain loop during ejection as non-invasive index of left ventricular performance: a population study. <i>Cardiovascular Ultrasound</i> , 2019, 17, 15.	0.5	8
61	Biomarkers to Assess Right Heart Pressures in Recipients of a Heart Transplant: A Proof-of-Concept Study. <i>Transplantation Direct</i> , 2018, 4, e346.	0.8	7
62	Two-Year Responses of Heart Rate and Heart Rate Variability to First Occupational Lead Exposure. <i>Hypertension</i> , 2021, 77, 1775-1786.	1.3	7
63	The International Database of Central Arterial Properties for Risk Stratification: Research Objectives and Baseline Characteristics of Participants. <i>American Journal of Hypertension</i> , 2021, , .	1.0	6
64	Conventional and Ambulatory Blood Pressure as Predictors of Diastolic Left Ventricular Function in a Flemish Population. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	5
65	Letter to editor: Blood pressure, hypertension and lead exposure. <i>Environmental Health</i> , 2018, 17, 16.	1.7	5
66	Heart rate variability and peripheral nerve conduction velocity in relation to blood lead in newly hired lead workers. <i>Occupational and Environmental Medicine</i> , 2019, 76, 382-388.	1.3	5
67	Comparison of transthoracic echocardiography with computed tomography in evaluation of pulmonary veins. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 315.	0.7	5
68	Circulating Biomarkers Predicting Longitudinal Changes in Left Ventricular Structure and Function in a General Population. <i>Journal of the American Heart Association</i> , 2019, 8, e010430.	1.6	5
69	Two-Year Responses of Office and Ambulatory Blood Pressure to First Occupational Lead Exposure. <i>Hypertension</i> , 2020, 76, 1299-1307.	1.3	5
70	Retinal and Renal Microvasculature in Relation to Central Hemodynamics in 11-Year-Old Children Born Preterm or At Term. <i>Journal of the American Heart Association</i> , 2020, 9, e014305.	1.6	5
71	Two-year neurocognitive responses to first occupational lead exposure. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021, 47, 233-243.	1.7	5
72	Renal denervation – promising data from the DENERHTN trial. <i>Nature Reviews Nephrology</i> , 2015, 11, 258-260.	4.1	4

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73	Doppler indexes of left ventricular systolic and diastolic function in relation to haemodynamic load components in a general population. <i>Journal of Hypertension</i> , 2018, 36, 867-875.	0.3	4
74	Central hemodynamics in relation to blood lead in young men prior to chronic occupational exposure. <i>Blood Pressure</i> , 2019, 28, 279-290.	0.7	4
75	Post-processing reproducibility of the structural characteristics of the common carotid artery in a Flemish population. <i>Artery Research</i> , 2017, 19, 9.	0.3	3
76	Urinary proteomic signatures associated with β -blockade and heart rate in heart transplant recipients. <i>PLoS ONE</i> , 2018, 13, e0204439.	1.1	3
77	Environmental exposure to lead: old myths never die. <i>Lancet Public Health</i> , The, 2018, 3, e362.	4.7	3
78	Central hemodynamics in relation to low-level environmental lead exposure. <i>Blood Pressure</i> , 2020, 29, 157-167.	0.7	3
79	Glomerular function in relation to fine airborne particulate matter in a representative population sample. <i>Scientific Reports</i> , 2021, 11, 14646.	1.6	3
80	Two-Year Responses of Renal Function to First Occupational Lead Exposure. <i>Kidney International Reports</i> , 2022, , .	0.4	3
81	Electrocardiographic left ventricular hypertrophy in relation to peripheral and central blood pressure indices in a Nigerian population. <i>Blood Pressure</i> , 2020, 29, 39-46.	0.7	2
82	Diagnosis and Management of Resistant Hypertension. <i>Hypertension</i> , 2019, 74, 1064-1067.	1.3	1
83	Blood Pressure Indexes Associated With Mortality and Cardiovascular Outcomesâ€”Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2343.	3.8	1
84	Association of colorectal cancer with genetic and epigenetic variation in PEAR1â€”A population-based cohort study. <i>PLoS ONE</i> , 2022, 17, e0266481.	1.1	1