# List of Publications by Year in descending order



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|---|---|---|---|
| 230 papers | 29,705 citations | 34076 52 h-index | 4988 167 g-index |
| 231 all docs | 231 docs citations | 231 times ranked | 33197 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dissecting the Polygenic Basis of Primary Hypertension: Identification of Key Pathway-Specific Components. Frontiers in Cardiovascular Medicine, 2022, 9, 814502. | 1.1 | 5 |
| 2 | Evaluation of diastole by echocardiography for detecting early cardiac dysfunction: an outcome study. ESC Heart Failure, 2022, 9, 1775-1783. | 1.4 | 12 |
| 3 | Insulin Growth Factor Phenotypes in Heart Failure With Preserved Ejection Fraction, an INSPIRE Registry and CATHGEN Study. Journal of Cardiac Failure, 2022, 28, 935-946. | 0.7 | 2 |
| 4 | Association of left ventricular diastolic function with coronary artery calcium score: A Project Baseline Health Study. Journal of Cardiovascular Computed Tomography, 2022, 16, 498-508. | 0.7 | 3 |
| 5 | Applying machine learning to detect early stages of cardiac remodelling and dysfunction. European Heart Journal Cardiovascular Imaging, 2021, 22, 1208-1217. | 0.5 | 15 |
| 6 | Determinants of circulating angiotensin-converting enzyme 2 protein levels in the general population. European Journal of Internal Medicine, 2021, 84, 104-105. | 1.0 | 7 |
| 7 | Subclinical Heart Dysfunction in Relation to Metabolic and Inflammatory Markers: A Community-Based Study. American Journal of Hypertension, 2021, 34, 46-55. | 1.0 | 6 |
| 8 | Association of Subclinical Heart Maladaptation With the Pooled Cohort Equations to Prevent Heart Failure Risk Score for Incident Heart Failure. JAMA Cardiology, 2021, 6, 214. | 3.0 | 2 |
| 9 | Diastolic left ventricular function in relation to the retinal microvascular fractal dimension in a Flemish population. Hypertension Research, 2021, 44, 446-453. | 1.5 | 0 |
| 10 | Echocardiographic phenogrouping by machine learning for risk stratification in the general population. European Heart Journal Digital Health, 2021, 2, 390-400. | 0.7 | 3 |
| 11 | Modeling Heat Transport in Systems of Hydrate-Filled Sediments Using Residual Thermodynamics and Classical Nucleation Theory. Applied Sciences (Switzerland), 2021, 11, 4124. | 1.3 | 3 |
| 12 | Proteomic profiling for detection of earlyâ€stage heart failure in the community. ESC Heart Failure, 2021, 8, 2928-2939. | 1.4 | 8 |
| 13 | Peripheral Oxygen Extraction and Exercise Limitation in Asymptomatic Patients with Diabetes Mellitus. American Journal of Cardiology, 2021, 149, 132-139. | 0.7 | 4 |
| 14 | Temporal changes in soluble angiotensin-converting enzyme 2 associated with metabolic health, body composition, and proteome dynamics during a weight loss diet intervention: a randomized trial with implications for the COVID-19 pandemic. American Journal of Clinical Nutrition, 2021, 114, 1655-1665. | 2.2 | 3 |
| 15 | Thermodynamics of hydrate systems using a uniform reference state. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2706. | 0.8 | 2 |
| 16 | Subclinical Heart Remodeling and Dysfunction in Relation to Peripheral Endothelial Dysfunction: a general population study. Microcirculation, 2021, 28, e12731. | 1.0 | 1 |
| 17 | Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. Journal of Human Hypertension, 2021, 35, 55-64. | 1.0 | 14 |
| 18 | Workload-indexed blood pressure response is superior to peak systolic blood pressure in predicting all-cause mortality. European Journal of Preventive Cardiology, 2020, 27, 978-987. | 0.8 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Electrocardiographic left ventricular hypertrophy in relation to peripheral and central blood pressure indices in a Nigerian population. Blood Pressure, 2020, 29, 39-46. | 0.7 | 2 |
| 20 | Immune biomarkers link air pollution exposure to blood pressure in adolescents. Environmental Health, 2020, 19, 108. | 1.7 | 23 |
| 21 | Retinal and Renal Microvasculature in Relation to Central Hemodynamics in 11â€Yearâ€Old Children Born Preterm or At Term. Journal of the American Heart Association, 2020, 9, e014305. | 1.6 | 5 |
| 22 | Why Should We Use Residual Thermodynamics for Calculation of Hydrate Phase Transitions?. Energies, 2020, 13, 4135. | 1.6 | 13 |
| 23 | Incremental value of diastolic stress test in identifying subclinical heart failure in patients with diabetes mellitus. European Heart Journal Cardiovascular Imaging, 2020, 21, 876-884. | 0.5 | 12 |
| 24 | Hydrate Production Philosophy and Thermodynamic Calculations. Energies, 2020, 13, 672. | 1.6 | 29 |
| 25 | Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. Journal of Hypertension, 2020, 38, 2465-2474. | 0.3 | 22 |
| 26 | Time based versus strain based myocardial performance indices in hypertrophic cardiomyopathy, the merging role of left atrial strain. European Heart Journal Cardiovascular Imaging, 2019, 20, 334-342. | 0.5 | 12 |
| 27 | Area of the pressure-strain loop during ejection as non-invasive index of left ventricular performance: a population study. Cardiovascular Ultrasound, 2019, 17, 15. | 0.5 | 8 |
| 28 | Improving risk stratification in heart failure with preserved ejection fraction by combining two validated risk scores. Open Heart, 2019, 6, e000961. | 0.9 | 13 |
| 29 | 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 |
| 30 | The 2013 ACC/AHA risk score and subclinical cardiac remodeling and dysfunction: Complementary in cardiovascular disease prediction. International Journal of Cardiology, 2019, 297, 67-74. | 0.8 | 13 |
| 31 | Central Hemodynamics in Relation to Circulating Desphosphoâ€Uncarboxylated Matrix Gla Protein: A Population Study. Journal of the American Heart Association, 2019, 8, e011960. | 1.6 | 14 |
| 32 | Hemodynamic Mechanisms. Updates in Hypertension and Cardiovascular Protection, 2019, , 59-70. | 0.1 | 0 |
| 33 | Echocardiographic evaluations of right ventriculoâ€“arterial coupling in experimental and clinical pulmonary hypertension. Physiological Reports, 2019, 7, e14322. | 0.7 | 14 |
| 34 | Diastolic left ventricular function in relation to circulating metabolic biomarkers in a population study. European Journal of Preventive Cardiology, 2019, 26, 22-32. | 0.8 | 23 |
| 35 | Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. Echocardiography, 2019, 36, 458-468. | 0.3 | 16 |
| 36 | Circulating Biomarkers Predicting Longitudinal Changes in Left Ventricular Structure and Function in a General Population. Journal of the American Heart Association, 2019, 8, e010430. | 1.6 | 5 |

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|---|---|---|---|
| 37 | Maximum tolerance for water content at various stages of a natuna production. Heat and Mass Transfer, 2019, 55, 1059-1079. | 1.2 | 16 |
| 38 | Flow-mediated slowing of brachial-radial pulse wave velocity: Methodological aspects and clinical determinants. Artery Research, 2018, 21, 29. | 0.3 | 15 |
| 39 | Conventional and Ambulatory Blood Pressure as Predictors of Diastolic Left Ventricular Function in a Flemish Population. Journal of the American Heart Association, 2018, 7, . | 1.6 | 5 |
| 40 | Ambulatory blood pressure and long-term risk for atrial fibrillation. Heart, 2018, 104, 1263-1270. | 1.2 | 21 |
| 41 | Epidemiologic observations guiding clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. Journal of the American Society of Hypertension, 2018, 12, 438-447.e4. | 2.3 | 20 |
| 42 | 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 |
| 43 | 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. Nephrology Dialysis Transplantation, 2018, 33, 514-522. | 0.4 | 15 |
| 44 | Incremental value of right heart metrics and exercise performance to well-validated risk scores in dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2018, 19, 916-925. | 0.5 | 6 |
| 45 | Glomerular function in relation to circulating adhesion molecules and inflammation markers in a general population. Nephrology Dialysis Transplantation, 2018, 33, 426-435. | 0.4 | 27 |
| 46 | Doppler indexes of left ventricular systolic and diastolic function in relation to haemodynamic load components in a general population. Journal of Hypertension, 2018, 36, 867-875. | 0.3 | 4 |
| 47 | Machine Learning Outperforms ACC/AHA CVD Risk Calculator in MESA. Journal of the American Heart Association, 2018, 7, e009476. | 1.6 | 135 |
| 48 | Inactive matrix Gla protein is a novel circulating biomarker predicting retinal arteriolar narrowing in humans. Scientific Reports, 2018, 8, 15088. | 1.6 | 17 |
| 49 | Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. International Journal of Cardiology, 2018, 270, 83-88. | 0.8 | 12 |
| 50 | The Pythagorean theorem reveals the inherent companion of cardiac ejection fraction. International Journal of Cardiology, 2018, 270, 237-243. | 0.8 | 14 |
| 51 | Sex Differences in Epidemiology of Cardiac and Vascular Disease. Advances in Experimental Medicine and Biology, 2018, 1065, 61-70. | 0.8 | 20 |
| 52 | Cardiophysiology Illustrated by Comparing Ventricular Volumes in Healthy Adult Males and Females. Advances in Experimental Medicine and Biology, 2018, 1065, 123-138. | 0.8 | 11 |
| 53 | Left ventricular volume analysis as a basic tool to describe cardiac function. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 130-139. | 0.8 | 30 |
| 54 | Methanol as a hydrate inhibitor and hydrate activator. Physical Chemistry Chemical Physics, 2018, 20, 21968-21987. | 1.3 | 45 |

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|---|---|---|---|
| 55 | Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. PLoS ONE, 2018, 13, e0193967. | 1.1 | 10 |
| 56 | Sex-specific differences in cardiac maladaptation to hypertension and arterial stiffening. Kardiologia Polska, 2018, 76, 1303-1311. | 0.3 | 7 |
| 57 | Does Extremely Low Birth Weight Predispose to Low-Renin Hypertension?. Hypertension, 2017, 69, 443-449. | 1.3 | 27 |
| 58 | 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 |
| 59 | Injection of CO2 into an Intact Methane Hydrate Reservoir. , 2017, , . | | 0 |
| 60 | Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy. Echocardiography, 2017, 34, 843-850. | 0.3 | 9 |
| 61 | Prevalence, Treatment, and Control Rates of Conventional and Ambulatory Hypertension Across 10 Populations in 3 Continents. Hypertension, 2017, 70, 50-58. | 1.3 | 56 |
| 62 | Risk for Incident Heart Failure: A Subjectâ€Level Metaâ€Analysis From the Heart â€œOMicsâ€•in AGEing (HOMAGE) Study. Journal of the American Heart Association, 2017, 6, . | 1.6 | 41 |
| 63 | Autoantibody profiling on a plasmonic nano-gold chip for the early detection of hypertensive heart disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7089-7094. | 3.3 | 30 |
| 64 | Right Heart End-Systolic Remodeling Index Strongly Predicts Outcomes in Pulmonary Arterial Hypertension. Circulation: Cardiovascular Imaging, 2017, 10, . | 1.3 | 72 |
| 65 | Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, . | 1.6 | 89 |
| 66 | Peripheral Blood Mitochondrial DNA and Myocardial Function. Advances in Experimental Medicine and Biology, 2017, 982, 347-358. | 0.8 | 10 |
| 67 | Longitudinal Changes in LV Structure and Diastolic Function in Relation to Arterial Properties in GeneralÂPopulation. JACC: Cardiovascular Imaging, 2017, 10, 1307-1316. | 2.3 | 35 |
| 68 | A Urinary Fragment of Mucin-1 Subunit Î± Is a Novel Biomarker Associated With Renal Dysfunction in the General Population. Kidney International Reports, 2017, 2, 811-820. | 0.4 | 24 |
| 69 | Simulation of CO2 Storage into Methane Hydrate Reservoirs, Non-equilibrium Thermodynamic Approach. Energy Procedia, 2017, 114, 5451-5459. | 1.8 | 13 |
| 70 | Novel Urinary Peptidomic Classifier Predicts Incident Heart Failure. Journal of the American Heart Association, 2017, 6, . | 1.6 | 30 |
| 71 | Correlation Between Mitochondrial DNA Content Measured in Myocardium and Peripheral Blood of Patients with Non-Ischemic Heart Failure. Genetic Testing and Molecular Biomarkers, 2017, 21, 736-741. | 0.3 | 9 |
| 72 | Circulating Biomarkers to Identify Responders in Cardiac Cell therapy. Scientific Reports, 2017, 7, 4419. | 1.6 | 18 |

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|---|---|---|---|
| 73 | 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 |
| 74 | PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. BMC Medical Genetics, 2017, 18, 45. | 2.1 | 13 |
| 75 | Challenging the complementarity of different metrics of left atrial function: insight from a cardiomyopathy-based study. European Heart Journal Cardiovascular Imaging, 2017, 18, 1153-1162. | 0.5 | 16 |
| 76 | Office and Home Blood Pressures as Determinants of Electrocardiographic Left Ventricular Hypertrophy Among Black Nigerians Compared With White Flemish. American Journal of Hypertension, 2017, 30, 1083-1092. | 1.0 | 11 |
| 77 | Utilizing Non-Equilibrium Thermodynamics and Reactive Transport to Model CH4 Production from the Nankai Trough Gas Hydrate Reservoir. Energies, 2017, 10, 1064. | 1.6 | 1 |
| 78 | Using a Reactive Transport Simulator to Simulate CH4 Production from Bear Island Basin in the Barents Sea Utilizing the Depressurization Methodâ€. Energies, 2017, 10, 187. | 1.6 | 8 |
| 79 | Peripheral blood mitochondrial DNA content in relation to circulating metabolites and inflammatory markers: A population study. PLoS ONE, 2017, 12, e0181036. | 1.1 | 24 |
| 80 | Correlates of Peripheral Blood Mitochondrial DNA Content in a General Population. American Journal of Epidemiology, 2016, 183, kwv175. | 1.6 | 91 |
| 81 | Doppler indexes of left ventricular systolic and diastolic function in relation to the arterial stiffness in a general population. Journal of Hypertension, 2016, 34, 762-771. | 0.3 | 28 |
| 82 | Impact and pitfalls of scaling of left ventricular and atrial structure in population-based studies. Journal of Hypertension, 2016, 34, 1186-1194. | 0.3 | 60 |
| 83 | Diastolic Left Ventricular Function in Relation to Circulating Metabolic Biomarkers in a General Population. Journal of the American Heart Association, 2016, 5, e002681. | 1.6 | 16 |
| 84 | Vitamin K Dependent Protection of Renal Function in Multi-ethnic Population Studies. EBioMedicine, 2016, 4, 162-169. | 2.7 | 44 |
| 85 | Comparison of left ventricular manual versus automated derived longitudinal strain: implications for clinical practice and research. International Journal of Cardiovascular Imaging, 2016, 32, 429-437. | 0.7 | 25 |
| 86 | Association of left ventricular structure and function with peripheral blood mitochondrial DNA content in a general population. International Journal of Cardiology, 2016, 214, 180-188. | 0.8 | 10 |
| 87 | Conventional and Ambulatory Blood Pressure as Predictors of Retinal Arteriolar Narrowing. Hypertension, 2016, 68, 511-520. | 1.3 | 20 |
| 88 | Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. Circulation: Cardiovascular Imaging, 2016, 9, . | 1.3 | 73 |
| 89 | Retinal microvascular diameter, a hypertension-related trait, in ECG-gated vs. non-gated images analyzed by IVAN and SIVA. Hypertension Research, 2016, 39, 886-892. | 1.5 | 15 |
| 90 | The Cardiovascular Risk of White-CoatÂHypertension. Journal of the American College of Cardiology, 2016, 68, 2033-2043. | 1.2 | 129 |

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|---|---|---|---|
| 91 | Right heart imaging in patients with heart failure. Current Opinion in Cardiology, 2016, 31, 469-482. | 0.8 | 39 |
| 92 | Thermodynamic implications of adding N2 to CO2 for production of CH4 from hydrates. Journal of Natural Gas Science and Engineering, 2016, 35, 1594-1608. | 2.1 | 15 |
| 93 | Renal glomerular dysfunction in relation to retinal arteriolar narrowing and high pulse pressure in seniors. Hypertension Research, 2016, 39, 138-143. | 1.5 | 14 |
| 94 | Hydrate Formation during Transport of Natural Gas Containing Water and Impurities. Journal of Chemical & Engineering Data, 2016, 61, 936-949. | 1.0 | 30 |
| 95 | Urinary Proteomics Pilot Study for Biomarker Discovery and Diagnosis in Heart Failure with Reduced Ejection Fraction. PLoS ONE, 2016, 11, e0157167. | 1.1 | 42 |
| 96 | Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. PLoS ONE, 2016, 11, e0167582. | 1.1 | 22 |
| 97 | Heart Failure and Hypertension. , 2016, , 437-454. | | 0 |
| 98 | Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. BMC Genetics, 2015, 16, 116. | 2.7 | 12 |
| 99 | Impact of water film thickness on kinetic rate of mixed hydrate formation during injection of <scp>CO</scp><sub>2</sub> into <scp>CH</scp><sub>4</sub> hydrate. AICHE Journal, 2015, 61, 3944-3957. | 1.8 | 33 |
| 100 | Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 233-271. | 0.5 | 5,352 |
| 101 | Longitudinal Changes in Left Ventricular Diastolic Function in a General Population. Circulation: Cardiovascular Imaging, 2015, 8, . | 1.3 | 44 |
| 102 | Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 1-39.e14. | 1.2 | 10,755 |
| 103 | Diagnosis and Prediction of CKD Progression by Assessment of Urinary Peptides. Journal of the American Society of Nephrology: JASN, 2015, 26, 1999-2010. | 3.0 | 205 |
| 104 | Adsorption Properties of Triethylene Glycol on a Hydrated {101Ì…4} Calcite Surface and Its Effect on Adsorbed Water. Langmuir, 2015, 31, 8606-8617. | 1.6 | 23 |
| 105 | Water-wetting surfaces as hydrate promoters during transport of carbon dioxide with impurities. Physical Chemistry Chemical Physics, 2015, 17, 12683-12697. | 1.3 | 18 |
| 106 | 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 |
| 107 | Doppler Indexes of Left Ventricular Systolic and Diastolic Flow and Central Pulse Pressure in Relation to Renal Resistive Index. American Journal of Hypertension, 2015, 28, 535-545. | 1.0 | 44 |
| 108 | Characteristics and Determinants of the Sublingual Microcirculation in Populations of Different Ethnicity. Hypertension, 2015, 65, 993-1001. | 1.3 | 24 |

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|---|---|---|---|
| 109 | Immunologic Network and Response to Intramyocardial CD34+ Stem Cell Therapy in Patients With Dilated Cardiomyopathy. Journal of Cardiac Failure, 2015, 21, 572-582. | 0.7 | 11 |
| 110 | Biomarkers of cardiomyocyte injury and stress identify left atrial and left ventricular remodelling and dysfunction: A population-based study. International Journal of Cardiology, 2015, 185, 177-185. | 0.8 | 31 |
| 111 | Cytokines profile in hypertensive patients with left ventricular remodeling and dysfunction. Journal of the American Society of Hypertension, 2015, 9, 975-984.e3. | 2.3 | 16 |
| 112 | Investigations of the Chemical Potentials of Dissolved Water and H<sub>2</sub>S in CO<sub>2</sub> Streams Using Molecular Dynamics Simulations and the Gibbsâ€“Duhem Relation. Journal of Chemical & Engineering Data, 2015, 60, 2906-2914. | 1.0 | 7 |
| 113 | Gender Differences in Ventricular Remodeling andÂFunction in College Athletes, Insights from Lean Body Mass Scaling and Deformation Imaging. American Journal of Cardiology, 2015, 116, 1610-1616. | 0.7 | 30 |
| 114 | Inactive Matrix Gla Protein Is Causally Related to Adverse Health Outcomes. Hypertension, 2015, 65, 463-470. | 1.3 | 84 |
| 115 | Determinants and Prognostic Significance of the Renal Resistive Index. Pulse, 2015, 3, 172-178. | 0.9 | 33 |
| 116 | Eligibility for Renal Denervation. Hypertension, 2014, 63, 1319-1325. | 1.3 | 61 |
| 117 | How Many Measurements Are Needed to Estimate Blood Pressure Variability Without Loss of Prognostic Information?. American Journal of Hypertension, 2014, 27, 46-55. | 1.0 | 49 |
| 118 | Association of digital vascular function with cardiovascular risk factors: a population study. BMJ Open, 2014, 4, e004399. | 0.8 | 16 |
| 119 | Outcome-Driven Thresholds for Ambulatory Pulse Pressure in 9938 Participants Recruited From 11 Populations. Hypertension, 2014, 63, 229-237. | 1.3 | 40 |
| 120 | Left ventricular diastolic function associated with common genetic variation in ATP12Ain a general population. BMC Medical Genetics, 2014, 15, 121. | 2.1 | 4 |
| 121 | Heritability and other determinants of left ventricular diastolic function in the family-based population study. Journal of Hypertension, 2014, 32, 1854-1861. | 0.3 | 4 |
| 122 | Blood Pressure Load Does Not Add to Ambulatory Blood Pressure Level for Cardiovascular Risk Stratification. Hypertension, 2014, 63, 925-933. | 1.3 | 39 |
| 123 | Prognostic Value of Left Ventricular Diastolic Dysfunction in a General Population. Journal of the American Heart Association, 2014, 3, e000789. | 1.6 | 95 |
| 124 | Risk Stratification by Ambulatory Blood Pressure Monitoring Across JNC Classes of Conventional Blood Pressure. American Journal of Hypertension, 2014, 27, 956-965. | 1.0 | 49 |
| 125 | Consequences of CO<sub>2</sub> solubility for hydrate formation from carbon dioxide containing water and other impurities. Physical Chemistry Chemical Physics, 2014, 16, 8623-8638. | 1.3 | 22 |
| 126 | Age-Specific Differences Between Conventional and Ambulatory Daytime Blood Pressure Values. Hypertension, 2014, 64, 1073-1079. | 1.3 | 78 |

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|---|---|---|---|
| 127 | Ambulatory Hypertension Subtypes and 24-Hour Systolic and Diastolic Blood Pressure as Distinct Outcome Predictors in 8341 Untreated People Recruited From 12 Populations. Circulation, 2014, 130, 466-474. | 1.6 | 84 |
| 128 | Left ventricular diastolic function in relation to the urinary proteome: A proof-of-concept study in a general population. International Journal of Cardiology, 2014, 176, 158-165. | 0.8 | 44 |
| 129 | The urinary proteome as correlate and predictor of renal function in a population study. Nephrology Dialysis Transplantation, 2014, 29, 2260-2268. | 0.4 | 57 |
| 130 | Heart â€˜omicsâ€™ in AGEing (HOMAGE): design, research objectives and characteristics of the common database. Journal of Biomedical Research, 2014, 28, 349. | 0.7 | 24 |
| 131 | Predictors of treatment response in patients with hepatitis C 1b genotype. Open Medicine (Poland), 2013, 8, 822-829. | 0.6 | 0 |
| 132 | Central vs. peripheral blood pressure components as determinants of retinal microvessel diameters. Artery Research, 2013, 8, 35. | 0.3 | 2 |
| 133 | Masked Hypertension in Diabetes Mellitus. Hypertension, 2013, 61, 964-971. | 1.3 | 142 |
| 134 | cGMP-Dependent Protein Kinase 1 Polymorphisms Underlie Renal Sodium Handling Impairment. Hypertension, 2013, 62, 1027-1033. | 1.3 | 10 |
| 135 | Can hydrate form in carbon dioxide from dissolved water?. Physical Chemistry Chemical Physics, 2013, 15, 2063-2074. | 1.3 | 40 |
| 136 | Target Sequencing, Cell Experiments, and a Population Study Establish Endothelial Nitric Oxide Synthase ( eNOS ) Gene as Hypertension Susceptibility Gene. Hypertension, 2013, 62, 844-852. | 1.3 | 48 |
| 137 | Response to Masked Hypertension in Untreated and Treated Patients With Diabetes Mellitus: Attractive But Questionable Interpretations and Response to Is Masked Hypertension Related to Diabetes Mellitus?. Hypertension, 2013, 62, e23-5. | 1.3 | 9 |
| 138 | Heritability of The Retinal Microcirculation in Flemish Families. American Journal of Hypertension, 2013, 26, 392-399. | 1.0 | 17 |
| 139 | Left Ventricular Radial Function Associated With Genetic Variation in the cGMP-Dependent Protein Kinase. Hypertension, 2013, 62, 1034-1039. | 1.3 | 5 |
| 140 | Central Systolic Augmentation Indexes and Urinary Sodium in a White Population. American Journal of Hypertension, 2013, 26, 95-103. | 1.0 | 17 |
| 141 | Risk Stratification by 24-Hour Ambulatory Blood Pressure and Estimated Glomerular Filtration Rate in 5322 Subjects From 11 Populations. Hypertension, 2013, 61, 18-26. | 1.3 | 17 |
| 142 | Double Product Reflects the Predictive Power of Systolic Pressure in the General Population: Evidence from 9,937 Participants. American Journal of Hypertension, 2013, 26, 665-672. | 1.0 | 37 |
| 143 | Association of left ventricular diastolic function with systolic dyssynchrony: a population study. European Heart Journal Cardiovascular Imaging, 2013, 14, 471-479. | 0.5 | 8 |
| 144 | Within-Subject Blood Pressure Levelâ€”Not Variabilityâ€”Predicts Fatal and Nonfatal Outcomes in a General Population. Hypertension, 2012, 60, 1138-1147. | 1.3 | 108 |

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|---|---|---|---|
| 145 | Association of left ventricular mass with the AGTR1 A1166C polymorphism. American Journal of Hypertension, 2012, 25, 472-478. | 1.0 | 21 |
| 146 | Genomewide Association Study Using a High-Density Single Nucleotide Polymorphism Array and Case-Control Design Identifies a Novel Essential Hypertension Susceptibility Locus in the Promoter Region of Endothelial NO Synthase. Hypertension, 2012, 59, 248-255. | 1.3 | 144 |
| 147 | Age dependency of central and peripheral systolic blood pressures: Cross-sectional and longitudinal observations in European populations. Blood Pressure, 2012, 21, 58-68. | 0.7 | 25 |
| 148 | Significance of White-Coat Hypertension in Older Persons With Isolated Systolic Hypertension. Hypertension, 2012, 59, 564-571. | 1.3 | 177 |
| 149 | Adsorption of water and carbon dioxide on hematite and consequences for possible hydrate formation. Physical Chemistry Chemical Physics, 2012, 14, 4410. | 1.3 | 50 |
| 150 | Left Ventricular Structure and Function in Relation to Steroid Biosynthesis Genes in a White Population. American Journal of Hypertension, 2012, 25, 986-993. | 1.0 | 3 |
| 151 | Urinary proteome analysis in hypertensive patients with left ventricular diastolic dysfunction. European Heart Journal, 2012, 33, 2342-2350. | 1.0 | 79 |
| 152 | Tissue Doppler indexes of left ventricular systolic function in relation to the pulsatile and steady components of blood pressure in a general population. Journal of Hypertension, 2012, 30, 403-410. | 0.3 | 7 |
| 153 | Association of central and peripheral pulse pressure with intermediate cardiovascular phenotypes. Journal of Hypertension, 2012, 30, 67-74. | 0.3 | 36 |
| 154 | Impact of Hypertension on Ventricular-Arterial Coupling and Regional Myocardial Work at Rest and during Isometric Exercise. Journal of the American Society of Echocardiography, 2012, 25, 882-890. | 1.2 | 45 |
| 155 | Prevalence of left ventricular diastolic dysfunction in European populations based on cross-validated diagnostic thresholds. Cardiovascular Ultrasound, 2012, 10, 10. | 0.5 | 68 |
| 156 | Efficacy of Peginterferon alfa-2a and Ribavirin Combination Therapy in Treatment-naive Estonian Patients with Chronic Hepatitis C. Central European Journal of Public Health, 2012, 20, 150-155. | 0.4 | 5 |
| 157 | Are blood pressure and diabetes additive or synergistic risk factors? Outcome in 8494 subjects randomly recruited from 10 populations. Hypertension Research, 2011, 34, 714-721. | 1.5 | 28 |
| 158 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109. | 13.7 | 1,855 |
| 159 | Assessment of peripheral vascular function with photoplethysmographic pulse amplitude. Artery Research, 2011, 5, 58. | 0.3 | 6 |
| 160 | Short-term blood pressure variability in relation to outcome in the International Database of Ambulatory blood pressure in relation to Cardiovascular Outcome (IDACO). Acta Cardiologica, 2011, 66, 701-706. | 0.3 | 23 |
| 161 | Are Retinal Microvascular Phenotypes Associated With the 1675G/A Polymorphism in the Angiotensin II Type-2 Receptor Gene?. American Journal of Hypertension, 2011, 24, 1300-1305. | 1.0 | 8 |
| 162 | Association of echocardiographic left ventricular structure with the ACE D/I polymorphism: a meta-analysis. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 243-253. | 1.0 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Fatal and Nonfatal Outcomes, Incidence of Hypertension, and Blood Pressure Changes in Relation to Urinary Sodium Excretion. JAMA - Journal of the American Medical Association, 2011, 305, 1777. | 3.8 | 483 |
| 164 | Response to Letter Regarding Article, â€œCirculating MicroRNA-208b and MicroRNA-499 Reflect Myocardial Damage in Cardiovascular Diseaseâ€• Circulation: Cardiovascular Genetics, 2011, 4, . | 5.1 | 2 |
| 165 | Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284. | 1.4 | 168 |
| 166 | Heritability of left ventricular structure and function in Caucasian families. European Heart Journal Cardiovascular Imaging, 2011, 12, 326-332. | 0.5 | 18 |
| 167 | Ambulatory Blood Pressure Monitoring in 9357 Subjects From 11 Populations Highlights Missed Opportunities for Cardiovascular Prevention in Women. Hypertension, 2011, 57, 397-405. | 1.3 | 111 |
| 168 | Urinary nitric oxide metabolites and individual blood pressure progression to overt hypertension. European Journal of Cardiovascular Prevention and Rehabilitation, 2011, 18, 656-663. | 3.1 | 9 |
| 169 | Context-dependent effects of the angiotensin II type 2 receptor gene on left ventricular remodelling: the story continues. Journal of Hypertension, 2010, 28, 1124-1126. | 0.3 | 0 |
| 170 | From pioneering to implementing automated blood pressure measurement in clinical practice: Thomas Pickering's legacy. Blood Pressure Monitoring, 2010, 15, 72-81. | 0.4 | 4 |
| 171 | Prognostic value of isolated nocturnal hypertension on ambulatory measurement in 8711 individuals from 10 populations. Journal of Hypertension, 2010, 28, 2036-2045. | 0.3 | 318 |
| 172 | Cardiac involvement in Churgâ€Strauss syndrome. Arthritis and Rheumatism, 2010, 62, 627-634. | 6.7 | 158 |
| 173 | Prognostic Value of Reading-to-Reading Blood Pressure Variability Over 24 Hours in 8938 Subjects From 11 Populations. Hypertension, 2010, 55, 1049-1057. | 1.3 | 394 |
| 174 | Circulating MicroRNA-208b and MicroRNA-499 Reflect Myocardial Damage in Cardiovascular Disease. Circulation: Cardiovascular Genetics, 2010, 3, 499-506. | 5.1 | 683 |
| 175 | Prognostic Value of the Morning Blood Pressure Surge in 5645 Subjects From 8 Populations. Hypertension, 2010, 55, 1040-1048. | 1.3 | 258 |
| 176 | Association Between Left Ventricular Mass and Telomere Length in a Population Study. American Journal of Epidemiology, 2010, 172, 440-450. | 1.6 | 53 |
| 177 | Systolic and diastolic left ventricular dysfunction: from risk factors to overt heart failure. Expert Review of Cardiovascular Therapy, 2010, 8, 251-258. | 0.6 | 39 |
| 178 | Blood pressure variability in relation to outcome in the International Database of Ambulatory blood pressure in relation to Cardiovascular Outcome. Hypertension Research, 2010, 33, 757-766. | 1.5 | 80 |
| 179 | Left ventricular structure in relation to the human SAH gene in the European Project on Genes in Hypertension. Hypertension Research, 2009, 32, 145-151. | 1.5 | 4 |
| 180 | Validation of automated oscillometric versus manual measurement of the ankleâ€“brachial index. Hypertension Research, 2009, 32, 884-888. | 1.5 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Prevalence of Left Ventricular Diastolic Dysfunction in a General Population. Circulation: Heart Failure, 2009, 2, 105-112. | 1.6 | 291 |
| 182 | Independent Relations of Left Ventricular Structure With the 24-Hour Urinary Excretion of Sodium and Aldosterone. Hypertension, 2009, 54, 489-495. | 1.3 | 58 |
| 183 | Arterial Properties in Relation to Genetic Variations in the Adducin Subunits in a White Population. American Journal of Hypertension, 2009, 22, 21-26. | 1.0 | 10 |
| 184 | Phylogeography of lions (Panthera leo ssp.) reveals three distinct taxa and a late Pleistocene reduction in genetic diversity. Molecular Ecology, 2009, 18, 1668-1677. | 2.0 | 142 |
| 185 | Ethnic differences in proximal and distal tubular sodium reabsorption are heritable in black and white populations. Journal of Hypertension, 2009, 27, 606-612. | 0.3 | 54 |
| 186 | Conventional and 24-h ambulatory blood pressure as independent predictors of elastic arterial properties. Blood Pressure Monitoring, 2009, 14, 12-19. | 0.4 | 0 |
| 187 | Sphygmomanometric and ambulatory blood pressures as forerunners of carotid and femoral intimaâ€“media thickness. Journal of Hypertension, 2009, 27, 813-821. | 0.3 | 3 |
| 188 | Management of high blood pressure in children and adolescents: recommendations of the European Society of Hypertension. Journal of Hypertension, 2009, 27, 1719-1742. | 0.3 | 620 |
| 189 | Left ventricular geometry and endogenous ouabain in a Flemish population. Journal of Hypertension, 2009, 27, 1884-1891. | 0.3 | 13 |
| 190 | Modulation of genetic cardiovascular risk by age and lifestyle. Current Cardiovascular Risk Reports, 2008, 2, 398-404. | 0.8 | 2 |
| 191 | Left ventricular strain and strain rate in a general population. European Heart Journal, 2008, 29, 2014-2023. | 1.0 | 188 |
| 192 | Is "Usual" Blood Pressure a Proxy for 24-h Ambulatory Blood Pressure in Predicting Cardiovascular Outcomes?. American Journal of Hypertension, 2008, 21, 994-1000. | 1.0 | 18 |
| 193 | Segmental Renal Sodium Handling in Relation to the Human SAH Gene. Hypertension, 2008, 52, e12-3. | 1.3 | 0 |
| 194 | Blood Pressure and Renal Sodium Handling in Relation to Genetic Variation in the DRD1 Promoter and GRK4. Hypertension, 2008, 51, 1643-1650. | 1.3 | 54 |
| 195 | Heritability and intrafamilial aggregation of arterial characteristics. Journal of Hypertension, 2008, 26, 721-728. | 0.3 | 29 |
| 196 | Effects of genetic variation in adducin on left ventricular diastolic function as assessed by tissue Doppler imaging in a Flemish population. Journal of Hypertension, 2008, 26, 1229-1236. | 0.3 | 16 |
| 197 | Thirty years of research on diagnostic and therapeutic thresholds for the self-measured blood pressure at home. Blood Pressure Monitoring, 2008, 13, 352-365. | 0.4 | 48 |
| 198 | SAH gene variants revisited in the European Project On Genes in Hypertension. Journal of Hypertension, 2008, 26, 244-250. | 0.3 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Is blood pressure during the night more predictive of cardiovascular outcome than during the day?. Blood Pressure Monitoring, 2008, 13, 145-147. | 0.4 | 19 |
| 200 | Cadmium-Related Mortality and Long-Term Secular Trends in the Cadmium Body Burden of an Environmentally Exposed Population. Environmental Health Perspectives, 2008, 116, 1620-1628. | 2.8 | 132 |
| 201 | Diagnostic Thresholds for Ambulatory Blood Pressure Monitoring Based on 10-Year Cardiovascular Risk. Circulation, 2007, 115, 2145-2152. | 1.6 | 277 |
| 202 | Angiotensin-Converting Enzyme I/D and Î±-Adducin Gly460Trp Polymorphisms. Hypertension, 2007, 49, 1291-1297. | 1.3 | 59 |
| 203 | Prognostic superiority of daytime ambulatory over conventional blood pressure in four populations: a meta-analysis of 7030 individuals. Journal of Hypertension, 2007, 25, 1554-1564. | 0.3 | 328 |
| 204 | The International Database of Ambulatory blood pressure in relation to Cardiovascular Outcome (IDACO): protocol and research perspectives. Blood Pressure Monitoring, 2007, 12, 255-262. | 0.4 | 130 |
| 205 | â^'391 C to G substitution in the regulator of G-protein signalling-2 promoter increases susceptibility to the metabolic syndrome in white European men: consistency between molecular and epidemiological studies. Journal of Hypertension, 2007, 25, 117-125. | 0.3 | 26 |
| 206 | Diagnostic thresholds for ambulatory blood pressure monitoring based on 10-year cardiovascular risk. Blood Pressure Monitoring, 2007, 12, 393-395. | 0.4 | 26 |
| 207 | Sympathetic activity, assessed by power spectral analysis of heart rate variability, in white-coat, masked and sustained hypertension versus true normotension. Journal of Hypertension, 2007, 25, 2280-2285. | 0.3 | 49 |
| 208 | Sodium excretion as a modulator of genetic influence on arterial stiffness and other cardiovascular phenotypes. Artery Research, 2007, 1, 20. | 0.3 | 0 |
| 209 | Prognostic accuracy of day versus night ambulatory blood pressure: a cohort study. Lancet, The, 2007, 370, 1219-1229. | 6.3 | 766 |
| 210 | Genetic Structure and Extinction of the Woolly Mammoth, Mammuthus primigenius. Current Biology, 2007, 17, 1072-1075. | 1.8 | 109 |
| 211 | Progression to hypertension in the non-hypertensive participants in the Flemish Study on Environment, Genes and Health Outcomes. Journal of Hypertension, 2006, 24, 1719-1727. | 0.3 | 50 |
| 212 | Sodium excretion as a modulator of genetic associations with cardiovascular phenotypes in the European Project on Genes in Hypertension. Journal of Hypertension, 2006, 24, 235-242. | 0.3 | 23 |
| 213 | Context-Dependency of Relations Between Cardiovascular Phenotypes and Genes Involved in Sodium Homeostasis: Findings from the European Project on Genes in Hypertension. Current Hypertension Reviews, 2006, 2, 275-281. | 0.5 | 2 |
| 214 | Association Between Arterial Properties and Renal Sodium Handling in a General Population. Hypertension, 2006, 48, 609-615. | 1.3 | 22 |
| 215 | Epistatic interaction between Î±- and Î³-adducin influences peripheral and central pulse pressures in white Europeans. Journal of Hypertension, 2005, 23, 961-969. | 0.3 | 31 |
| 216 | Alcohol intake modulates the genetic association between HDL cholesterol and the PPARÎ³2 Pro12Ala polymorphism. Journal of Lipid Research, 2005, 46, 913-919. | 2.0 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Cardiovascular Risk in Relation to Î±-Adducin Gly460Trp Polymorphism and Systolic Pressure. Hypertension, 2005, 46, 527-532. | 1.3 | 48 |
| 218 | OASIS-HT: design of a pharmacogenomic dose-finding study. Pharmacogenomics, 2005, 6, 755-775. | 0.6 | 17 |
| 219 | Left Ventricular Mass in Relation to Genetic Variation in Angiotensin II Receptors, Renin System Genes, and Sodium Excretion. Circulation, 2004, 110, 2644-2650. | 1.6 | 67 |
| 220 | Genetic Variation in CYP11B2 and AT1R Influences Heart Rate Variability Conditional on Sodium Excretion. Hypertension, 2004, 44, 156-162. | 1.3 | 45 |
| 221 | Association of peripheral and central arterial wave reflections with the CYP11B2 ???344C allele and sodium excretion. Journal of Hypertension, 2004, 22, 2311-2319. | 0.3 | 34 |
| 222 | Relationship between left ventricular mass and the ACE D/I polymorphism varies according to sodium intake. Journal of Hypertension, 2004, 22, 287-295. | 0.3 | 25 |
| 223 | Î²-Adducin polymorphisms, blood pressure, and sodium excretion in three European populations. American Journal of Hypertension, 2003, 16, 840-846. | 1.0 | 49 |
| 224 | Hypertension Prevalence and Stroke Mortality Across Populations. JAMA - Journal of the American Medical Association, 2003, 289, 2420. | 3.8 | 58 |
| 225 | Maternal and Paternal Influences on Left Ventricular Mass of Offspring. Hypertension, 2003, 41, 69-74. | 1.3 | 21 |
| 226 | Blood pressure phenotypes in relation to the ??-adducin C1797T polymorphism in the European Project on Genes in Hypertension(EPOGH). Blood Pressure Monitoring, 2003, 8, 151-154. | 0.4 | 23 |
| 227 | Host and environmental determinants of heart rate and heart rate variability in four European populations. Journal of Hypertension, 2003, 21, 525-535. | 0.3 | 61 |
| 228 | Quality control of the blood pressure phenotype in the European Project on Genes in Hypertension. Blood Pressure Monitoring, 2002, 7, 215-224. | 0.4 | 109 |
| 229 | Association between hypertension and variation in the Î±- and Î²-adducin genes in a white population. Kidney International, 2002, 62, 2152-2159. | 2.6 | 64 |
| 230 | Ambulatory blood pressure of adults in Novosibirsk, Russia: interim report on a population study. Blood Pressure Monitoring, 2000, 5, 291-296. | 0.4 | 31 |