List of Publications by Year
in descending order

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	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
2	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
3	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
4	Prognostic accuracy of day versus night ambulatory blood pressure: a cohort study. Lancet, The, 2007, 370, 1219-1229.	6.3	766
5	Circulating MicroRNA-208b and MicroRNA-499 Reflect Myocardial Damage in Cardiovascular Disease. Circulation: Cardiovascular Genetics, 2010, 3, 499-506.	5.1	683
6	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
7	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
8	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
9	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
10	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
11	Prevalence of Left Ventricular Diastolic Dysfunction in a General Population. Circulation: Heart Failure, 2009, 2, 105-112.	1.6	291
12	Diagnostic Thresholds for Ambulatory Blood Pressure Monitoring Based on 10-Year Cardiovascular Risk. Circulation, 2007, 115, 2145-2152.	1.6	277
13	Prognostic Value of the Morning Blood Pressure Surge in 5645 Subjects From 8 Populations. Hypertension, 2010, 55, 1040-1048.	1.3	258
14	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
15	Left ventricular strain and strain rate in a general population. European Heart Journal, 2008, 29, 2014-2023.	1.0	188
16	Significance of White-Coat Hypertension in Older Persons With Isolated Systolic Hypertension. Hypertension, 2012, 59, 564-571.	1.3	177
17	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
18	Cardiac involvement in Churgâ€Strauss syndrome. Arthritis and Rheumatism, 2010, 62, 627-634.	6.7	158

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19	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
20	Phylogeography of lions (<i>Panthera leo </i>ssp.) reveals three distinct taxa and a late Pleistocene reduction in genetic diversity. Molecular Ecology, 2009, 18, 1668-1677.	2.0	142
21	Masked Hypertension in Diabetes Mellitus. Hypertension, 2013, 61, 964-971.	1.3	142
22	Machine Learning Outperforms ACC/AHA CVD Risk Calculator in MESA. Journal of the American Heart Association, 2018, 7, e009476.	1.6	135
23	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
24	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
25	The Cardiovascular Risk of White-CoatÂHypertension. Journal of the American College of Cardiology, 2016, 68, 2033-2043.	1.2	129
26	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
27	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
28	Genetic Structure and Extinction of the Woolly Mammoth, Mammuthus primigenius. Current Biology, 2007, 17, 1072-1075.	1.8	109
29	Within-Subject Blood Pressure Levelâ€"Not Variabilityâ€"Predicts Fatal and Nonfatal Outcomes in a General Population. Hypertension, 2012, 60, 1138-1147.	1.3	108
30	Prognostic Value of Left Ventricular Diastolic Dysfunction in a General Population. Journal of the American Heart Association, 2014, 3, e000789.	1.6	95
31	Correlates of Peripheral Blood Mitochondrial DNA Content in a General Population. American Journal of Epidemiology, 2016, 183, kwv175.	1.6	91
32	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	1.6	89
33	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
34	Inactive Matrix Gla Protein Is Causally Related to Adverse Health Outcomes. Hypertension, 2015, 65, 463-470.	1.3	84
35	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
36	Urinary proteome analysis in hypertensive patients with left ventricular diastolic dysfunction. European Heart Journal, 2012, 33, 2342-2350.	1.0	79

#	Article	IF	Citations
37	Age-Specific Differences Between Conventional and Ambulatory Daytime Blood Pressure Values. Hypertension, 2014, 64, 1073-1079.	1.3	78
38	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	73
39	Right Heart End-Systolic Remodeling Index Strongly Predicts Outcomes in Pulmonary Arterial Hypertension. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	72
40	Prevalence of left ventricular diastolic dysfunction in European populations based on cross-validated diagnostic thresholds. Cardiovascular Ultrasound, 2012, 10, 10.	0.5	68
41	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
42	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
43	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
44	Eligibility for Renal Denervation. Hypertension, 2014, 63, 1319-1325.	1.3	61
45	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
46	Angiotensin-Converting Enzyme I/D and Î±-Adducin Gly460Trp Polymorphisms. Hypertension, 2007, 49, 1291-1297.	1.3	59
47	Hypertension Prevalence and Stroke Mortality Across Populations. JAMA - Journal of the American Medical Association, 2003, 289, 2420.	3.8	58
48	Independent Relations of Left Ventricular Structure With the 24-Hour Urinary Excretion of Sodium and Aldosterone. Hypertension, 2009, 54, 489-495.	1.3	58
49	The urinary proteome as correlate and predictor of renal function in a population study. Nephrology Dialysis Transplantation, 2014, 29, 2260-2268.	0.4	57
50	Prevalence, Treatment, and Control Rates of Conventional and Ambulatory Hypertension Across 10 Populations in 3 Continents. Hypertension, 2017, 70, 50-58.	1.3	56
51	Blood Pressure and Renal Sodium Handling in Relation to Genetic Variation in the <i>DRD1</i> Promoter and <i>GRK4</i>. Hypertension, 2008, 51, 1643-1650.	1.3	54
52	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
53	Association Between Left Ventricular Mass and Telomere Length in a Population Study. American Journal of Epidemiology, 2010, 172, 440-450.	1.6	53
54	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

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55	Adsorption of water and carbon dioxide on hematite and consequences for possible hydrate formation. Physical Chemistry Chemical Physics, 2012, 14, 4410.	1.3	50
56	Î²-Adducin polymorphisms, blood pressure, and sodium excretion in three European populations. American Journal of Hypertension, 2003, 16, 840-846.	1.0	49
57	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
58	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
59	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
60	Cardiovascular Risk in Relation to Î±-Adducin Gly460Trp Polymorphism and Systolic Pressure. Hypertension, 2005, 46, 527-532.	1.3	48
61	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
62	Target Sequencing, Cell Experiments, and a Population Study Establish Endothelial Nitric Oxide Synthase (<i>eNOS</i>) Gene as Hypertension Susceptibility Gene. Hypertension, 2013, 62, 844-852.	1.3	48
63	Genetic Variation in CYP11B2 and AT1R Influences Heart Rate Variability Conditional on Sodium Excretion. Hypertension, 2004, 44, 156-162.	1.3	45
64	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
65	Methanol as a hydrate inhibitor and hydrate activator. Physical Chemistry Chemical Physics, 2018, 20, 21968-21987.	1.3	45
66	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
67	Longitudinal Changes in Left Ventricular Diastolic Function in a General Population. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	44
68	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
69	Vitamin K Dependent Protection of Renal Function in Multi-ethnic Population Studies. EBioMedicine, 2016, 4, 162-169.	2.7	44
70	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
71	Urinary Proteomics Pilot Study for Biomarker Discovery and Diagnosis in Heart Failure with Reduced Ejection Fraction. PLoS ONE, 2016, 11, e0157167.	1.1	42
72	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

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73	Can hydrate form in carbon dioxide from dissolved water?. Physical Chemistry Chemical Physics, 2013, 15, 2063-2074.	1.3	40
74	Outcome-Driven Thresholds for Ambulatory Pulse Pressure in 9938 Participants Recruited From 11 Populations. Hypertension, 2014, 63, 229-237.	1.3	40
75	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
76	Blood Pressure Load Does Not Add to Ambulatory Blood Pressure Level for Cardiovascular Risk Stratification. Hypertension, 2014, 63, 925-933.	1.3	39
77	Right heart imaging in patients with heart failure. Current Opinion in Cardiology, 2016, 31, 469-482.	0.8	39
78	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
79	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
80	Validation of automated oscillometric versus manual measurement of the ankleâ€"brachial index. Hypertension Research, 2009, 32, 884-888.	1.5	36
81	Association of central and peripheral pulse pressure with intermediate cardiovascular phenotypes. Journal of Hypertension, 2012, 30, 67-74.	0.3	36
82	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
83	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
84	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
85	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
86	Impact of water film thickness on kinetic rate of mixed hydrate formation during injection of <scp>CO</scp>₂ into <scp>CH</scp>₄ hydrate. AIChE Journal, 2015, 61, 3944-3957.	1.8	33
87	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
88	Determinants and Prognostic Significance of the Renal Resistive Index. Pulse, 2015, 3, 172-178.	0.9	33
89	Ambulatory blood pressure of adults in Novosibirsk, Russia: interim report on a population study. Blood Pressure Monitoring, 2000, 5, 291-296.	0.4	31
90	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

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91	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
92	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
93	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
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	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
96	Novel Urinary Peptidomic Classifier Predicts Incident Heart Failure. Journal of the American Heart Association, 2017, 6, .	1.6	30
97	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
98	Heritability and intrafamilial aggregation of arterial characteristics. Journal of Hypertension, 2008, 26, 721-728.	0.3	29
99	Hydrate Production Philosophy and Thermodynamic Calculations. Energies, 2020, 13, 672.	1.6	29
100	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
101	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
102	Does Extremely Low Birth Weight Predispose to Low-Renin Hypertension?. Hypertension, 2017, 69, 443-449.	1.3	27
103	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
104	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
105	Diagnostic thresholds for ambulatory blood pressure monitoring based on 10-year cardiovascular risk. Blood Pressure Monitoring, 2007, 12, 393-395.	0.4	26
106	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
107	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
108	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

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109	Characteristics and Determinants of the Sublingual Microcirculation in Populations of Different Ethnicity. Hypertension, 2015, 65, 993-1001.	1.3	24
110	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
111	Peripheral blood mitochondrial DNA content in relation to circulating metabolites and inflammatory markers: A population study. PLoS ONE, 2017, 12, e0181036.	1.1	24
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	Immune biomarkers link air pollution exposure to blood pressure in adolescents. Environmental Health, 2020, 19, 108.	1.7	23
120	Association Between Arterial Properties and Renal Sodium Handling in a General Population. Hypertension, 2006, 48, 609-615.	1.3	22
121	Consequences of CO₂ solubility for hydrate formation from carbon dioxide containing water and other impurities. Physical Chemistry Chemical Physics, 2014, 16, 8623-8638.	1.3	22
122	Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. Journal of Hypertension, 2020, 38, 2465-2474.	0.3	22
123	Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. PLoS ONE, 2016, 11, e0167582.	1.1	22
124	Maternal and Paternal Influences on Left Ventricular Mass of Offspring. Hypertension, 2003, 41, 69-74.	1.3	21
125	Association of left ventricular mass with the AGTR1 A1166C polymorphism. American Journal of Hypertension, 2012, 25, 472-478.	1.0	21
126	Ambulatory blood pressure and long-term risk for atrial fibrillation. Heart, 2018, 104, 1263-1270.	1.2	21

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127	Conventional and Ambulatory Blood Pressure as Predictors of Retinal Arteriolar Narrowing. Hypertension, 2016, 68, 511-520.	1.3	20
128	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
129	Sex Differences in Epidemiology of Cardiac and Vascular Disease. Advances in Experimental Medicine and Biology, 2018, 1065, 61-70.	0.8	20
130	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
131	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
132	Heritability of left ventricular structure and function in Caucasian families. European Heart Journal Cardiovascular Imaging, 2011, 12, 326-332.	0.5	18
133	Water-wetting surfaces as hydrate promoters during transport of carbon dioxide with impurities. Physical Chemistry Chemical Physics, 2015, 17, 12683-12697.	1.3	18
134	Circulating Biomarkers to Identify Responders in Cardiac Cell therapy. Scientific Reports, 2017, 7, 4419.	1.6	18
135	OASIS-HT: design of a pharmacogenomic dose-finding study. Pharmacogenomics, 2005, 6, 755-775.	0.6	17
136	Heritability of The Retinal Microcirculation in Flemish Families. American Journal of Hypertension, 2013, 26, 392-399.	1.0	17
137	Central Systolic Augmentation Indexes and Urinary Sodium in a White Population. American Journal of Hypertension, 2013, 26, 95-103.	1.0	17
138	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
139	Inactive matrix Gla protein is a novel circulating biomarker predicting retinal arteriolar narrowing in humans. Scientific Reports, 2018, 8, 15088.	1.6	17
140	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
141	Association of digital vascular function with cardiovascular risk factors: a population study. BMJ Open, 2014, 4, e004399.	0.8	16
142	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
143	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
144	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

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145	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
146	Maximum tolerance for water content at various stages of a natuna production. Heat and Mass Transfer, 2019, 55, 1059-1079.	1.2	16
147	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
148	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
149	Flow-mediated slowing of brachial-radial pulse wave velocity: Methodological aspects and clinical determinants. Artery Research, 2018, 21, 29.	0.3	15
150	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
151	Applying machine learning to detect early stages of cardiac remodelling and dysfunction. European Heart Journal Cardiovascular Imaging, 2021, 22, 1208-1217.	0.5	15
152	Renal glomerular dysfunction in relation to retinal arteriolar narrowing and high pulse pressure in seniors. Hypertension Research, 2016, 39, 138-143.	1.5	14
153	The Pythagorean theorem reveals the inherent companion of cardiac ejection fraction. International Journal of Cardiology, 2018, 270, 237-243.	0.8	14
154	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
155	Echocardiographic evaluations of right ventriculoâ€"arterial coupling in experimental and clinical pulmonary hypertension. Physiological Reports, 2019, 7, e14322.	0.7	14
156	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
157	Left ventricular geometry and endogenous ouabain in a Flemish population. Journal of Hypertension, 2009, 27, 1884-1891.	0.3	13
158	Simulation of CO2 Storage into Methane Hydrate Reservoirs, Non-equilibrium Thermodynamic Approach. Energy Procedia, 2017, 114, 5451-5459.	1.8	13
159	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. BMC Medical Genetics, 2017, 18, 45.	2.1	13
160	Improving risk stratification in heart failure with preserved ejection fraction by combining two validated risk scores. Open Heart, 2019, 6, e000961.	0.9	13
161	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
162	Why Should We Use Residual Thermodynamics for Calculation of Hydrate Phase Transitions?. Energies, 2020, 13, 4135.	1.6	13

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163	Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. BMC Genetics, 2015, 16, 116.	2.7	12
164	Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. International Journal of Cardiology, 2018, 270, 83-88.	0.8	12
165	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
166	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
167	Evaluation of diastole by echocardiography for detecting early cardiac dysfunction: an outcome study. ESC Heart Failure, 2022, 9, 1775-1783.	1.4	12
168	SAH gene variants revisited in the European Project On Genes in Hypertension. Journal of Hypertension, 2008, 26, 244-250.	0.3	11
169	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
170	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
171	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
172	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
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