John E Deanfield

List of Publications by Year
in descending order

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364 papers	51,986 citations	1094 112 h-index	1527 218 g-index
371 all docs	371 docs citations	371 times ranked	48419 citing authors

#	Article	IF	Citations
1	Guidelines for the ultrasound assessment of endothelial-dependent flow-mediated vasodilation of the brachial artery. Journal of the American College of Cardiology, 2002, 39, 257-265.	1.2	3,941
2	Endothelial Function and Dysfunction. Circulation, 2007, 115, 1285-1295.	1.6	2,037
3	Atherosclerosis. Nature Reviews Disease Primers, 2019, 5, 56.	18.1	1,601
4	Blood pressure and incidence of twelve cardiovascular diseases: lifetime risks, healthy life-years lost, and age-specific associations in 1Â·25 million people. Lancet, The, 2014, 383, 1899-1911.	6.3	1,239
5	Aging is associated with endothelial dysfunction in healthy men years before the age-related decline in women. Journal of the American College of Cardiology, 1994, 24, 471-476.	1.2	1,175
6	Endothelium-dependent dilation in the systemic arteries of asymptomatic subjects relates to coronary risk factors and their interaction. Journal of the American College of Cardiology, 1994, 24, 1468-1474.	1.2	1,161
7	Treatment of Periodontitis and Endothelial Function. New England Journal of Medicine, 2007, 356, 911-920.	13.9	1,055
8	The Assessment of Endothelial Function. Circulation, 2012, 126, 753-767.	1.6	952
9	Acute Blood Pressure Lowering, Vasoprotective, and Antiplatelet Properties of Dietary Nitrate via Bioconversion to Nitrite. Hypertension, 2008, 51, 784-790.	1.3	885
10	Passive Smoking and Impaired Endothelium-Dependent Arterial Dilatation in Healthy Young Adults. New England Journal of Medicine, 1996, 334, 150-155.	13.9	858
11	Type 2 diabetes and incidence of cardiovascular diseases: a cohort study in 1Â·9 million people. Lancet Diabetes and Endocrinology,the, 2015, 3, 105-113.	5.5	838
12	De novo mutations in histone-modifying genes in congenital heart disease. Nature, 2013, 498, 220-223.	13.7	798
13	De novo mutations in congenital heart disease with neurodevelopmental and other congenital anomalies. Science, 2015, 350, 1262-1266.	6.0	646
14	Endothelial function and dysfunction. Part II: Association with cardiovascular risk factors and diseases. A statement by the Working Group on Endothelins and Endothelial Factors of the European Society of Hypertension*. Journal of Hypertension, 2005, 23, 233-246.	0.3	637
15	Contribution of rare inherited and de novo variants in 2,871 congenital heart disease probands. Nature Genetics, 2017, 49, 1593-1601.	9.4	624
16	Prognosis in hypertrophic cardiomyopathy: Role of age and clinical, electrocardiographic and hemodynamic features. American Journal of Cardiology, 1981, 47, 532-538.	0.7	611
17	International Day for the Evaluation of Abdominal Obesity (IDEA). Circulation, 2007, 116, 1942-1951.	1.6	599
18	Non-invasive detection of coronary inflammation using computed tomography and prediction of residual cardiovascular risk (the CRISP CT study): a post-hoc analysis of prospective outcome data. Lancet, The, 2018, 392, 929-939.	6.3	589

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19	Mental Stress Induces Transient Endothelial Dysfunction in Humans. Circulation, 2000, 102, 2473-2478.	1.6	568
20	Acute Systemic Inflammation Impairs Endothelium-Dependent Dilatation in Humans. Circulation, 2000, 102, 994-999.	1.6	555
21	Endothelial function and dysfunction. Part I. Journal of Hypertension, 2005, 23, 7-17.	0.3	553
22	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. European Heart Journal, 2019, 40, 2534-2547.	1.0	532
23	Management of Grown Up Congenital Heart Disease. European Heart Journal, 2003, 24, 1035-1084.	1.0	446
24	Percutaneous Pulmonary Valve Implantation in Humans. Circulation, 2005, 112, 1189-1197.	1.6	440
25	Dialysis Accelerates Medial Vascular Calcification in Part by Triggering Smooth Muscle Cell Apoptosis. Circulation, 2008, 118, 1748-1757.	1.6	438
26	Percutaneous Pulmonary Valve Implantation. Circulation, 2008, 117, 1964-1972.	1.6	436
27	Association of Maternal Weight Gain in Pregnancy With Offspring Obesity and Metabolic and Vascular Traits in Childhood. Circulation, 2010, 121, 2557-2564.	1.6	431
28	Plant sterols and plant stanols in the management of dyslipidaemia and prevention of cardiovascular disease. Atherosclerosis, 2014, 232, 346-360.	0.4	419
29	Ebstein's anomaly: Presentation and outcome from fetus to adult. Journal of the American College of Cardiology, 1994, 23, 170-176.	1.2	416
30	Transient ST-segment depression as a marker of myocardial ischemia during daily life. American Journal of Cardiology, 1984, 54, 1195-1200.	0.7	415
31	Asymptomatic Cardiac Ischemia Pilot (ACIP) Study Two-Year Follow-up. Circulation, 1997, 95, 2037-2043.	1.6	378
32	Effect of ACAT Inhibition on the Progression of Coronary Atherosclerosis. New England Journal of Medicine, 2006, 354, 1253-1263.	13.9	368
33	Effect of Rimonabant on Progression of Atherosclerosis in Patients With Abdominal Obesity and Coronary Artery Disease. JAMA - Journal of the American Medical Association, 2008, 299, 1547.	3.8	367
34	Exercise training enhances endothelial function in young men. Journal of the American College of Cardiology, 1999, 33, 1379-1385.	1.2	366
35	Remote Ischemic Preconditioning Provides Early and Late Protection Against Endothelial Ischemia-Reperfusion Injury in Humans. Journal of the American College of Cardiology, 2005, 46, 450-456.	1.2	359
36	Influence of Leptin on Arterial Distensibility. Circulation, 2002, 106, 1919-1924.	1.6	357

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37	Impaired vascular reactivity in insulin-dependent diabetes mellitus is related to disease duration and low density lipoprotein cholesterol levels. Journal of the American College of Cardiology, 1996, 28, 573-579.	1.2	344
38	Heterogenous Nature of Flow-Mediated Dilatation in Human Conduit Arteries In Vivo. Circulation Research, 2001, 88, 145-151.	2.0	333
39	Is Slower Early Growth Beneficial for Long-Term Cardiovascular Health?. Circulation, 2004, 109, 1108-1113.	1.6	328
40	Mental Stress Induces Prolonged Endothelial Dysfunction via Endothelin-A Receptors. Circulation, 2002, 105, 2817-2820.	1.6	297
41	Ischemic Preconditioning Prevents Endothelial Injury and Systemic Neutrophil Activation During Ischemia-Reperfusion in Humans In Vivo. Circulation, 2001, 103, 1624-1630.	1.6	296
42	Association of Angiotensin-Converting Enzyme GeneI/DPolymorphism With Change in Left Ventricular Mass in Response to Physical Training. Circulation, 1997, 96, 741-747.	1.6	296
43	Smooth muscle dysfunction occurs independently of impaired endothelium-dependent dilation in adults at risk of atherosclerosis. Journal of the American College of Cardiology, 1998, 32, 123-127.	1.2	282
44	Endothelial Function Predicts Progression of Carotid Intima-Media Thickness. Circulation, 2009, 119, 1005-1012.	1.6	281
45	Pharmacological and non-pharmacological therapy for arrhythmias in the pediatric population: EHRA and AEPC-Arrhythmia Working Group joint consensus statement. Europace, 2013, 15, 1337-1382.	0.7	281
46	Chronic Mineral Dysregulation Promotes Vascular Smooth Muscle Cell Adaptation and Extracellular Matrix Calcification. Journal of the American Society of Nephrology: JASN, 2010, 21, 103-112.	3.0	278
47	Systemic effects of periodontitis treatment in patients with type 2 diabetes: a 12 month, single-centre, investigator-masked, randomised trial. Lancet Diabetes and Endocrinology,the, 2018, 6, 954-965.	5.5	269
48	A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CT angiography. European Heart Journal, 2019, 40, 3529-3543.	1.0	268
49	Impaired endothelial function occurs in the systemic arteries of children with homozygous homocystinuria but not in their heterozygous parents. Journal of the American College of Cardiology, 1993, 22, 854-858.	1.2	265
50	Effects of gaseous and solid constituents of air pollution on endothelial function. European Heart Journal, 2018, 39, 3543-3550.	1.0	263
51	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. Immunity, 2013, 38, 754-768.	6.6	261
52	Acute myocardial infarction: a comparison of short-term survival in national outcome registries in Sweden and the UK. Lancet, The, 2014, 383, 1305-1312.	6.3	258
53	Cohort Profile: Updating the cohort profile for the MRC National Survey of Health and Development: a new clinic-based data collection for ageing research. International Journal of Epidemiology, 2011, 40, e1-e9.	0.9	257
54	Assessment of atherosclerosis: the role of flow-mediated dilatation. European Heart Journal, 2010, 31, 2854-2861.	1.0	251

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55	Methods for evaluating endothelial function: a position statement from the European Society of Cardiology Working Group on Peripheral Circulation. European Journal of Cardiovascular Prevention and Rehabilitation, 2011, 18, 775-789.	3.1	245
56	Transient Limb Ischemia Induces Remote Preconditioning and Remote Postconditioning in Humans by a K _{ATP} Channelâ€"Dependent Mechanism. Circulation, 2007, 116, 1386-1395.	1.6	243
57	Vascular dysfunction after repair of coarctation of the aorta. Circulation, 2001, 104, I-165-I-170.	1.6	236
58	Association of the Metabolic Syndrome with Severe Periodontitis in a Large U.S. Population-Based Survey. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3989-3994.	1.8	235
59	Endothelial Dysfunction Late After Kawasaki Disease. Circulation, 1996, 94, 2103-2106.	1.6	221
60	Outcome in neonates with Ebstein's anomaly. Journal of the American College of Cardiology, 1992, 19, 1041-1046.	1.2	219
61	Percutaneous Pulmonary Valve Implantation Based on Rapid Prototyping of Right Ventricular Outflow Tract and Pulmonary Trunk from MR Data. Radiology, 2007, 242, 490-497.	3.6	214
62	Character and causes of transient myocardial ischemia during daily life: Implications for treatment of patients with coronary disease. American Journal of Medicine, 1986, 80, 18-24.	0.6	210
63	Critical appraisal of CRP measurement for the prediction of coronary heart disease events: new data and systematic review of 31 prospective cohorts. International Journal of Epidemiology, 2009, 38, 217-231.	0.9	207
64	Arrhythmia and prognosis in infants, children and adolescents with hypertrophic cardiomyopathy. Journal of the American College of Cardiology, 1988, 11, 147-153.	1.2	206
65	The relevance of tissue angiotensin-converting enzyme: manifestations in mechanistic and endpoint data. American Journal of Cardiology, 2001, 88, 1-20.	0.7	202
66	Physiology and biochemistry of endothelial function in children with chronic renal failure. Kidney International, 1997, 52, 468-472.	2.6	201
67	Vascular effects and safety of dalcetrapib in patients with or at risk of coronary heart disease: the dal-VESSEL randomized clinical trial. European Heart Journal, 2012, 33, 857-865.	1.0	201
68	Mineral Metabolism and Vascular Damage in Children on Dialysis. Journal of the American Society of Nephrology: JASN, 2007, 18, 2996-3003.	3.0	196
69	Endothelium-Dependent Dilatation Is Impaired in Young Healthy Subjects With a Family History of Premature Coronary Disease. Circulation, 1997, 96, 3378-3383.	1.6	196
70	Effects of tobacco cigarettes, e-cigarettes, and waterpipe smoking on endothelial function and clinical outcomes. European Heart Journal, 2020, 41, 4057-4070.	1.0	194
71	Asymptomatic Cardiac Ischemia Pilot (ACIP) Study. Circulation, 1996, 94, 1537-1544.	1.6	191
72	High prevalence of masked uncontrolled hypertension in people with treated hypertension. European Heart Journal, 2014, 35, 3304-3312.	1.0	186

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73	Methodological Approaches to Optimize Reproducibility and Power in Clinical Studies of Flow-Mediated Dilation. Journal of the American College of Cardiology, 2008, 51, 1959-1964.	1.2	183
74	Plant sterols and cardiovascular disease: a systematic review and meta-analysisâ€. European Heart Journal, 2012, 33, 444-451.	1.0	180
75	Prevalence of Sarcomere Protein Gene Mutations in Preadolescent Children With Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Genetics, 2009, 2, 436-441.	5.1	176
76	Inflammation and Endothelial Function. Circulation, 2005, 111, 1530-1536.	1.6	175
77	Î²-Blockers and Mortality After Acute Myocardial Infarction in Patients Without Heart Failure or Ventricular Dysfunction. Journal of the American College of Cardiology, 2017, 69, 2710-2720.	1.2	174
78	Variations in Right Ventricular Outflow Tract Morphology Following Repair of Congenital Heart Disease: Implications for Percutaneous Pulmonary Valve Implantation. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 687-695.	1.6	173
79	Ambulatory blood pressure, left ventricular mass, and conduit artery function late after successful repair of coarctation of the aorta. Journal of the American College of Cardiology, 2003, 41, 2259-2265.	1.2	171
80	A Bimodal Association of Vitamin D Levels and Vascular Disease in Children on Dialysis. Journal of the American Society of Nephrology: JASN, 2008, 19, 1239-1246.	3.0	168
81	Exercise responses in patients with congenital heart disease after fontan repair: Patterns and determinants of performance. Journal of the American College of Cardiology, 1990, 15, 1424-1432.	1.2	166
82	Early Structural and Functional Changes of the Vasculature in HIV-Infected Children. Circulation, 2005, 112, 103-109.	1.6	162
83	Beyond the Laboratory: Clinical Implications for Statin Pleiotropy. Circulation, 2004, 109, II-42-II-48.	1.6	161
84	Systemic ventricular function in patients with transposition of the great arteries after atrial repair: a tissue Doppler and conductance catheter study. Journal of the American College of Cardiology, 2004, 43, 100-106.	1.2	155
85	The circulating calcification inhibitors, fetuin-A and osteoprotegerin, but not Matrix Gla protein, are associated with vascular stiffness and calcification in children on dialysis. Nephrology Dialysis Transplantation, 2008, 23, 3263-3271.	0.4	154
86	Four decades of Fontan palliation. Nature Reviews Cardiology, 2010, 7, 520-527.	6.1	153
87	A Genome-Wide Association Study Reveals Variants in ARL15 that Influence Adiponectin Levels. PLoS Genetics, 2009, 5, e1000768.	1.5	148
88	Adiposity and cardiovascular risk factors in a large contemporary population of pre-pubertal children. European Heart Journal, 2010, 31, 3063-3072.	1.0	148
89	Remote Ischemic Preconditioning Protects the Brain Against Injury After Hypothermic Circulatory Arrest. Circulation, 2011, 123, 714-721.	1.6	145
90	Apolipoprotein E genotype, cardiovascular biomarkers and risk of stroke: Systematic review and meta-analysis of 14 015 stroke cases and pooled analysis of primary biomarker data from up to 60 883 individuals. International Journal of Epidemiology, 2013, 42, 475-492.	0.9	145

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91	Physiological and Clinical Consequences of Relief of Right Ventricular Outflow Tract Obstruction Late After Repair of Congenital Heart Defects. Circulation, 2006, 113, 2037-2044.	1.6	144
92	The Congenital Heart Disease Genetic Network Study. Circulation Research, 2013, 112, 698-706.	2.0	142
93	Analysis of ST-segment changes in normal subjects: Implications for ambulatory monitoring in angina pectoris. American Journal of Cardiology, 1984, 54, 1321-1325.	0.7	141
94	Direct effects of smoking on the heart: Silent ischemic disturbances of coronary flow. American Journal of Cardiology, 1986, 57, 1005-1009.	0.7	137
95	Lifetime risk: childhood obesity and cardiovascular risk. European Heart Journal, 2015, 36, 1371-1376.	1.0	137
96	Vascular Abnormalities, Paraoxonase Activity, and Dysfunctional HDL in Primary Antiphospholipid Syndrome. JAMA - Journal of the American Medical Association, 2009, 302, 1210.	3.8	135
97	Atorvastatin but not l-arginine improves endothelial function in type I diabetes mellitus: a double-blind study. Journal of the American College of Cardiology, 2000, 36, 410-416.	1.2	134
98	Prognostic significance of ventricular arrhythmia after repair of tetralogy of fallot: A 12-year prospective study. Journal of the American College of Cardiology, 1994, 23, 1151-1155.	1.2	131
99	Physiological consequences of percutaneous pulmonary valve implantation: the different behaviour of volume- and pressure-overloaded ventricles. European Heart Journal, 2007, 28, 1886-1893.	1.0	129
100	Recommendations for organization of care for adults with congenital heart disease and for training in the subspecialty of â€˜Grown-up Congenital Heart Diseaseâ€™ in Europe: a position paper of the Working Group on Grown-up Congenital Heart Disease of the European Society of Cardiology. European Heart Journal, 2014, 35, 686-690.	1.0	128
101	Association between periodontal disease and its treatment, flow-mediated dilatation and carotid intima-media thickness: A systematic review and meta-analysis. Atherosclerosis, 2014, 236, 39-46.	0.4	128
102	Cardiovascular biomarkers and vascular function during childhood in the offspring of mothers with hypertensive disorders of pregnancy: findings from the Avon Longitudinal Study of Parents and Children. European Heart Journal, 2012, 33, 335-345.	1.0	127
103	Social and psychosocial influences on inflammatory markers and vascular function in civil servants (the Whitehall II study). American Journal of Cardiology, 2003, 92, 984-987.	0.7	126
104	Regional Wall Motion and Abnormalities of Electrical Depolarization and Repolarization in Patients After Surgical Repair of Tetralogy of Fallot. Circulation, 2001, 103, 1669-1673.	1.6	125
105	Endothelial Dysfunction in Childhood Infection. Circulation, 2005, 111, 1660-1665.	1.6	123
106	Inhibition of Cortisol Production With Metyrapone Prevents Mental Stress-Induced Endothelial Dysfunction and Baroreflex Impairment. Journal of the American College of Cardiology, 2005, 46, 344-350.	1.2	123
107	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	5.8	119
108	Amlodipine reduces transient myocardial ischemia in patients with coronary artery disease: Double-blind circadian anti-ischemia program in Europe (CAPE trial). Journal of the American College of Cardiology, 1994, 24, 1460-1467.	1.2	118

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109	Pathophysiologic and therapeutic importance of tissue ACE: a consensus report. Cardiovascular Drugs and Therapy, 2002, 16, 149-160.	1.3	118
110	Morbid anatomy in neonates with Ebstein's anomaly of the tricuspid valve: Pathophysiologic and clinical implications. Journal of the American College of Cardiology, 1992, 19, 1049-1053.	1.2	117
111	Preterm birth, vascular function, and risk factors for atherosclerosis. Lancet, The, 2001, 358, 1159-1160.	6.3	117
112	Childhood Obesity and Vascular Phenotypes. Journal of the American College of Cardiology, 2012, 60, 2643-2650.	1.2	117
113	Non-Invasive Assessment of Endothelial Function. Journal of the American College of Cardiology, 2006, 48, 1846-1850.	1.2	116
114	Effects of treatment strategies to suppress ischemia in patients with coronary artery disease: 12-Week results of the Asymptomatic Cardiac Ischemia Pilot (ACIP) study. Journal of the American College of Cardiology, 1994, 24, 11-20.	1.2	115
115	The Asymptomatic Cardiac Ischemia Pilot (ACIP) study: Design of a randomized clinical trial, baseline data and implications for a long-term outcome trial. Journal of the American College of Cardiology, 1994, 24, 1-10.	1.2	110
116	The Acute Rise in Plasma Fibrinogen Concentration With Exercise Is Influenced by the G-₄₅₃-A Polymorphism of the Î²-Fibrinogen Gene. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 386-391.	1.1	109
117	Postconditioning Protects Against Endothelial Ischemia-Reperfusion Injury in the Human Forearm. Circulation, 2006, 113, 1015-1019.	1.6	104
118	Work stress and risk of death in men and women with and without cardiometabolic disease: a multicohort study. Lancet Diabetes and Endocrinology,the, 2018, 6, 705-713.	5.5	100
119	Early endothelial dysfunction in adults at risk from atherosclerosis: different responses to l-arginine. Journal of the American College of Cardiology, 1998, 32, 110-116.	1.2	98
120	HDL in Children with CKD Promotes Endothelial Dysfunction and an Abnormal Vascular Phenotype. Journal of the American Society of Nephrology: JASN, 2014, 25, 2658-2668.	3.0	97
121	Separating the Mechanism-Based and Off-Target Actions of Cholesteryl Ester Transfer Protein Inhibitors With CETP Gene Polymorphisms. Circulation, 2010, 121, 52-62.	1.6	96
122	Quality of life of adult congenital heart disease patients: a systematic review of the literature. Cardiology in the Young, 2013, 23, 473-485.	0.4	95
123	Comparison of hospital variation in acute myocardial infarction care and outcome between Sweden and United Kingdom: population based cohort study using nationwide clinical registries. BMJ, The, 2015, 351, h3913.	3.0	94
124	Attenuation of the circadian patterns of myocardial ischemia with nifedipine GITS in patients with chronic stable angina. Journal of the American College of Cardiology, 1992, 19, 1380-1389.	1.2	93
125	Comparative analysis of genome-wide association studies signals for lipids, diabetes, and coronary heart disease: Cardiovascular Biomarker Genetics Collaboration. European Heart Journal, 2012, 33, 393-407.	1.0	93
126	High Intestinal Cholesterol Absorption Is Associated With Cardiovascular Disease and Risk Alleles in ABCG8 and ABO. Journal of the American College of Cardiology, 2013, 62, 291-299.	1.2	93

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127	Oxidative stress, chronic inflammation, and telomere length in patients with periodontitis. Free Radical Biology and Medicine, 2011, 50, 730-735.	1.3	91
128	Role of NADPH Oxidase in Endothelial Ischemia/Reperfusion Injury in Humans. Circulation, 2010, 121, 2310-2316.	1.6	90
129	ACE Inhibitors and Statins in Adolescents with Type 1 Diabetes. New England Journal of Medicine, 2017, 377, 1733-1745.	13.9	89
130	Subdiaphragmatic venous hemodynamics in the Fontan circulation. Journal of Thoracic and Cardiovascular Surgery, 2001, 121, 436-447.	0.4	87
131	Imaging residual inflammatory cardiovascular risk. European Heart Journal, 2020, 41, 748-758.	1.0	86
132	Comparison of Cardiopulmonary Adaptation During Exercise in Children After the Atriopulmonary and Total Cavopulmonary Connection Fontan Procedures. Circulation, 1995, 91, 372-378.	1.6	86
133	Cigarette Smoking and the Treatment of Angina with Propranolol, Atenolol, and Nifedipine. New England Journal of Medicine, 1984, 310, 951-954.	13.9	85
134	Five-year follow-up after balloon pulmonary valvuloplasty. Journal of the American College of Cardiology, 1993, 21, 132-136.	1.2	83
135	Dialysis improves endothelial function in humans. Nephrology Dialysis Transplantation, 2001, 16, 1823-1829.	0.4	83
136	The Congenital Heart Disease Genetic Network Study: Cohort description. PLoS ONE, 2018, 13, e0191319.	1.1	82
137	Multimorbidity and survival for patients with acute myocardial infarction in England and Wales: Latent class analysis of a nationwide population-based cohort. PLoS Medicine, 2018, 15, e1002501.	3.9	82
138	Real-time Assessment of Right and Left Ventricular Volumes and Function in Patients with Congenital Heart Disease by Using High Spatiotemporal Resolution Radial k-t SENSE. Radiology, 2008, 248, 782-791.	3.6	81
139	Adipose and Height Growth Through Childhood and Blood Pressure Status in a Large Prospective Cohort Study. Hypertension, 2012, 59, 919-925.	1.3	81
140	Cardiac rhythm in atrial isomerism. American Journal of Cardiology, 1987, 59, 1156-1158.	0.7	80
141	Effect of Enalapril on Endothelial Function in Young Insulin-Dependent Diabetic Patients: A Randomized, Double-Blind Study 11This study was supported by a grant from Merck Sharp and Dohme Ltd., Hertfordshire, England, United Kingdom. Ms. Donald is supported by a grant from the Coronary Artery Disease Research Foundation (CORDA), London, England, United Kingdom.. Journal of the American College of Cardiology, 1998, 31, 1330-1335.	1.2	80
142	Task Force 3: workforce description and educational requirements for the care of adults with congenital heart disease. Journal of the American College of Cardiology, 2001, 37, 1183-1187.	1.2	80
143	Association of Clinical Factors and Therapeutic Strategies With Improvements in Survival Following Nonâ€“ST-Elevation Myocardial Infarction, 2003-2013. JAMA - Journal of the American Medical Association, 2016, 316, 1073.	3.8	80
144	Is banding of the pulmonary trunk obsolete for infants with tricuspid atresia and double inlet ventricle with a discordant ventriculoarterial connection? Role of aortic arch obstruction and subaortic stenosis. Journal of the American College of Cardiology, 1990, 16, 1455-1464.	1.2	79

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145	Impact on Clinical and Cost Outcomes of a Centralized Approach to Acute Stroke Care in London: A Comparative Effectiveness Before and After Model. PLoS ONE, 2013, 8, e70420.	1.1	79
146	Outcomes after implantable cardioverter-defibrillator treatment in children with hypertrophic cardiomyopathy. Heart, 2007, 93, 372-374.	1.2	78
147	Neonatal Hypoxia, Hippocampal Atrophy, and Memory Impairment: Evidence of a Causal Sequence. Cerebral Cortex, 2015, 25, 1469-1476.	1.6	77
148	Lifelong patterns of BMI and cardiovascular phenotype in individuals aged 60â€“64 years in the 1946 British birth cohort study: an epidemiological study. Lancet Diabetes and Endocrinology,the, 2014, 2, 648-654.	5.5	76
149	The potential impact of percutaneous pulmonary valve stent implantation on right ventricular outflow tract re-intervention. European Journal of Cardio-thoracic Surgery, 2005, 27, 536-543.	0.6	75
150	Variability and reproducibility of flow-mediated dilatation in a multicentre clinical trial. European Heart Journal, 2013, 34, 3501-3507.	1.0	75
151	Late outcome of survivors of intervention for neonatal aortic valve stenosis. Annals of Thoracic Surgery, 1995, 60, 122-126.	0.7	74
152	Impact of Pulmonary Valve Replacement in Tetralogy of Fallot With Pulmonary Regurgitation: A Comparison of Intervention and Nonintervention. Annals of Thoracic Surgery, 2012, 94, 1619-1626.	0.7	71
153	Oral L-arginine does not improve endothelial dysfunction in children with chronic renal failure. Kidney International, 2002, 62, 1372-1378.	2.6	66
154	Evaluation of the NICE mini-GRACE risk scores for acute myocardial infarction using the Myocardial Ischaemia National Audit Project (MINAP) 2003â€“2009: National Institute for Cardiovascular Outcomes Research (NICOR). Heart, 2013, 99, 35-40.	1.2	66
155	Determinants of vascular phenotype in a large childhood population: the Avon Longitudinal Study of Parents and Children (ALSPAC). European Heart Journal, 2010, 31, 1502-1510.	1.0	65
156	Comparison of Noncontact and Electroanatomic Mapping to Identify Scar and Arrhythmia Late After the Fontan Procedure. Circulation, 2007, 115, 1738-1746.	1.6	64
157	Early changes in cardiovascular structure and function in adolescents with type 1 diabetes. Cardiovascular Diabetology, 2016, 15, 31.	2.7	64
158	Metyrapone Improves Endothelial Dysfunction in Patients With Treated Depression. Journal of the American College of Cardiology, 2006, 48, 170-175.	1.2	63
159	Nitric oxide is superior to prostacyclin for pulmonary hypertension after cardiac operations. Annals of Thoracic Surgery, 1995, 60, 300-306.	0.7	62
160	Systematic survey of variants in TBX1 in non-syndromic tetralogy of Fallot identifies a novel 57 base pair deletion that reduces transcriptional activity but finds no evidence for association with common variants. Heart, 2010, 96, 1651-1655.	1.2	61
161	Adolescent Type 1 Diabetes Cardio-Renal Intervention Trial (AdDIT): Urinary Screening and Baseline Biochemical and Cardiovascular Assessments. Diabetes Care, 2014, 37, 805-813.	4.3	60
162	Structural and functional changes in HDL with low grade and chronic inflammation. International Journal of Cardiology, 2015, 188, 111-116.	0.8	60

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163	Effects of Hemodiafiltration versus Conventional Hemodialysis in Children with ESKD: The HDF, Heart and Height Study. Journal of the American Society of Nephrology: JASN, 2019, 30, 678-691.	3.0	60
164	Walking speed and subclinical atherosclerosis in healthy older adults: the Whitehall II study. Heart, 2010, 96, 380-384.	1.2	59
165	Adiposity Is Associated with Blunted Cardiovascular, Neuroendocrine and Cognitive Responses to Acute Mental Stress. PLoS ONE, 2012, 7, e39143.	1.1	59
166	Local abnormalities of right ventricular depolarization after repair of tetralogy of Fallot: A basis for ventricular arrhythmia. American Journal of Cardiology, 1985, 55, 522-525.	0.7	58
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