Richard M Cubbon

List of Publications by Year
in descending order

112 papers	4,719 citations	147801 31 h-index	110387 64 g-index
119 all docs	119 docs citations	119 times ranked	9084 citing authors

#	Article	IF	Citations
1	Piezo1 integration of vascular architecture with physiological force. Nature, 2014, 515, 279-282.	27.8	813
2	Association analyses based on false discovery rate implicate new loci for coronary artery disease. Nature Genetics, 2017, 49, 1385-1391.	21.4	571
3	Piezo1 channels sense whole body physical activity to reset cardiovascular homeostasis and enhance performance. Nature Communications, 2017, 8, 350.	12.8	197
4	Role of glutamine and interlinked asparagine metabolism in vessel formation. EMBO Journal, 2017, 36, 2334-2352.	7.8	195
5	Effects of Vitamin D on Cardiac Function inÂPatients With Chronic HF. Journal of the American College of Cardiology, 2016, 67, 2593-2603.	2.8	179
6	Orai1 and CRAC Channel Dependence of VEGF-Activated Ca ²⁺ Entry and Endothelial Tube Formation. Circulation Research, 2011, 108, 1190-1198.	4.5	172
7	Role of glutamine synthetase in angiogenesis beyond glutamine synthesis. Nature, 2018, 561, 63-69.	27.8	136
8	Diabetes mellitus is associated with adverse prognosis in chronic heart failure of ischaemic and non-ischaemic aetiology. Diabetes and Vascular Disease Research, 2013, 10, 330-336.	2.0	132
9	Changing Characteristics and Mode of Death Associated With Chronic Heart Failure Caused by Left Ventricular Systolic Dysfunction. Circulation: Heart Failure, 2011, 4, 396-403.	3.9	120
10	Nox2 NADPH Oxidase Has a Critical Role in Insulin Resistanceâ€“Related Endothelial Cell Dysfunction. Diabetes, 2013, 62, 2130-2134.	0.6	117
11	Dose-dependent oral glucocorticoid cardiovascular risks in people with immune-mediated inflammatory diseases: A population-based cohort study. PLoS Medicine, 2020, 17, e1003432.	8.4	111
12	Temporal trends in mortality of patients with diabetes mellitus suffering acute myocardial infarction: a comparison of over 3000 patients between 1995 and 2003. European Heart Journal, 2006, 28, 540-545.	2.2	102
13	Increasing Circulating IGFBP1 Levels Improves Insulin Sensitivity, Promotes Nitric Oxide Production, Lowers Blood Pressure, and Protects Against Atherosclerosis. Diabetes, 2012, 61, 915-924.	0.6	96
14	The Insulin-Like Growth Factor-1 Receptor Is a Negative Regulator of Nitric Oxide Bioavailability and Insulin Sensitivity in the Endothelium. Diabetes, 2011, 60, 2169-2178.	0.6	79
15	Heavy and moderate interval exercise training alters lowâ€flowâ€mediated constriction but does not increase circulating progenitor cells in healthy humans. Experimental Physiology, 2012, 97, 375-385.	2.0	66
16	Human Exercise-Induced Circulating Progenitor Cell Mobilization Is Nitric Oxide-Dependent and Is Blunted in South Asian Men. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 878-884.	2.4	55
17	Novel Role of the IGF-1 Receptor in Endothelial Function and Repair. Diabetes, 2012, 61, 2359-2368.	0.6	54
18	Endothelium-specific insulin resistance leads to accelerated atherosclerosis in areas with disturbed flow patterns: A role forÂreactive oxygen species. Atherosclerosis, 2013, 230, 131-139.	0.8	54

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19	Insulin-Like Growth Factor Binding Protein 1 Could Improve Glucose Regulation and Insulin Sensitivity Through Its RGD Domain. Diabetes, 2017, 66, 287-299.	0.6	52
20	Prevalence and Predictors of Sepsis Death in Patients With Chronic Heart Failure and Reduced Left Ventricular Ejection Fraction. Journal of the American Heart Association, 2018, 7, e009684.	3.7	52
21	Gender-Specific Alterations in Fibrin Structure Function in Type 2 Diabetes: Associations with Cardiometabolic and Vascular Markers. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E2282-E2287.	3.6	51
22	Insulin Resistance Impairs Circulating Angiogenic Progenitor Cell Function and Delays Endothelial Regeneration. Diabetes, 2011, 60, 1295-1303.	0.6	50
23	Pericytes in diabetes-associated vascular disease. Journal of Diabetes and Its Complications, 2016, 30, 1643-1650.	2.3	50
24	Socioeconomic deprivation and mode-specific outcomes in patients with chronic heart failure. Heart, 2018, 104, 993-998.	2.9	49
25	Vascular Insulin-Like Growth Factor-I Resistance and Diet-Induced Obesity. Endocrinology, 2009, 150, 4575-4582.	2.8	47
26	The impact of insulin resistance on endothelial function, progenitor cells and repair. Diabetes and Vascular Disease Research, 2007, 4, 103-111.	2.0	45
27	Predicting oneâ€year mortality in heart failure using the â€˜Surprise Questionâ€™: a prospective pilot study. European Journal of Heart Failure, 2019, 21, 227-234.	7.1	40
28	Infection-Related Hospitalization in Heart Failure With Reduced Ejection Fraction. Circulation: Heart Failure, 2020, 13, e006746.	3.9	39
29	Aspirin and Mortality in Patients With Diabetes Sustaining Acute Coronary Syndrome. Diabetes Care, 2008, 31, 363-365.	8.6	38
30	Sudden cardiac death in patients with diabetes mellitus and chronic heart failure. Diabetes and Vascular Disease Research, 2015, 12, 228-233.	2.0	37
31	Non-communicable disease, sociodemographic factors, and risk of death from infection: a UK Biobank observational cohort study. Lancet Infectious Diseases, The, 2021, 21, 1184-1191.	9.1	36
32	Empagliflozin Treatment Is Associated With Improvements in Cardiac Energetics and Function and Reductions in Myocardial Cellular Volume in Patients With Type 2 Diabetes. Diabetes, 2021, 70, 2810-2822.	0.6	36
33	Diabetes mellitus is associated with adverse structural and functional cardiac remodelling in chronic heart failure with reduced ejection fraction. Diabetes and Vascular Disease Research, 2016, 13, 331-340.	2.0	34
34	Selective Enhancement of Insulin Sensitivity in the Endothelium In Vivo Reveals a Novel Proatherosclerotic Signaling Loop. Circulation Research, 2017, 120, 784-798.	4.5	33
35	Chronotropic Incompetence DoesÂNotÂLimit Exercise Capacity inÂChronicÂHeartÂFailure. Journal of the American College of Cardiology, 2016, 67, 1885-1896.	2.8	32
36	Prioritizing symptom management in the treatment of chronic heart failure. ESC Heart Failure, 2020, 7, 2193-2207.	3.1	32

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37	Mortality Reduction Associated With Î²-Adrenoceptor Inhibition in Chronic Heart Failure Is Greater in Patients With Diabetes. Diabetes Care, 2018, 41, 136-142.	8.6	32
38	Cardiac resynchronization therapy in pacemaker-dependent patients with left ventricular dysfunction. Europace, 2013, 15, 1609-1614.	1.7	31
39	Association of diabetes with increased all-cause mortality following primary percutaneous coronary intervention for ST-segment elevation myocardial infarction in the contemporary era. Diabetes and Vascular Disease Research, 2012, 9, 3-9.	2.0	29
40	Endothelial IGF-1 Receptor Signalling in Diabetes and Insulin Resistance. Trends in Endocrinology and Metabolism, 2016, 27, 96-104.	7.1	29
41	Moderate and heavy metabolic stress interval training improve arterial stiffness and heart rate dynamics in humans. European Journal of Applied Physiology, 2013, 113, 839-849.	2.5	28
42	Endothelial SHIP2 Suppresses Nox2 NADPH Oxidaseâ€“Dependent Vascular Oxidative Stress, Endothelial Dysfunction, and Systemic Insulin Resistance. Diabetes, 2017, 66, 2808-2821.	0.6	23
43	Vitamin D deficiency is an independent predictor of mortality in patients with chronic heart failure. European Journal of Nutrition, 2019, 58, 2535-2543.	3.9	23
44	Calcium, phosphate and calcium phosphate product are markers of outcome in patients with chronic heart failure. Journal of Nephrology, 2015, 28, 209-215.	2.0	21
45	Association of heart failure and its comorbidities with loss of life expectancy. Heart, 2021, 107, 1417-1421.	2.9	21
46	Ambulatory heart rate range predicts mode-specific mortality and hospitalisation in chronic heart failure. Heart, 2016, 102, 223-229.	2.9	20
47	Cardio-oncology: Concepts and practice. Indian Heart Journal, 2016, 68, S77-S85.	0.5	20
48	Chronic heart failure with diabetes mellitus is characterized by a severe skeletal muscle pathology. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 394-404.	7.3	20
49	Endothelial Insulin Receptors Promote VEGF-A Signaling via ERK1/2 and Sprouting Angiogenesis. Endocrinology, 2021, 162, .	2.8	20
50	Diabetes Mellitus and Mortality after Acute Coronary Syndrome as a First or Recurrent Cardiovascular Event. PLoS ONE, 2008, 3, e3483.	2.5	19
51	Restoring Akt1 Activity in Outgrowth Endothelial Cells From South Asian Men Rescues Vascular Reparative Potential. Stem Cells, 2014, 32, 2714-2723.	3.2	18
52	Advanced care planning during the COVID-19 pandemic: ceiling of care decisions and their implications for observational data. BMC Palliative Care, 2021, 20, 10.	1.8	18
53	Insulin- and Growth Factor-Resistance Impairs Vascular Regeneration in Diabetes Mellitus. Current Vascular Pharmacology, 2012, 10, 271-284.	1.7	17
54	Haploinsufficiency of the Insulin-Like Growth Factor-1 Receptor Enhances Endothelial Repair and Favorably Modifies Angiogenic Progenitor Cell Phenotype. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2051-2058.	2.4	16

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55	Divergent skeletal muscle mitochondrial phenotype between male and female patients with chronic heart failure. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 79-88.	7.3	15
56	Rate-Response Programming Tailored toÂthe Force-Frequency Relationship Improves Exercise Tolerance in ChronicÂHeart Failure. JACC: Heart Failure, 2018, 6, 105-113.	4.1	14
57	An evaluation of 20year survival in patients with diabetes mellitus and acute myocardial infarction. International Journal of Cardiology, 2016, 203, 141-144.	1.7	13
58	Causes of Death in People With Cardiovascular Disease: A UK Biobank Cohort Study. Journal of the American Heart Association, 2021, 10, e023188.	3.7	13
59	Personalized Rate-Response Programming Improves Exercise Tolerance After 6 Months in People With Cardiac Implantable Electronic Devices and Heart Failure. Circulation, 2020, 141, 1693-1703.	1.6	12
60	Endothelial Insulin Receptor Restoration Rescues Vascular Function in Male Insulin Receptor Haploinsufficient Mice. Endocrinology, 2018, 159, 2917-2925.	2.8	11
61	Unique Transcriptome Signature Distinguishes Patients With Heart Failure With Myopathy. Journal of the American Heart Association, 2020, 9, e017091.	3.7	11
62	Divergent effects of genetic and pharmacological inhibition of Nox2 NADPH oxidase on insulin resistance-related vascular damage. American Journal of Physiology - Cell Physiology, 2020, 319, C64-C74.	4.6	11
63	Patients with long-term permanent pacemakers have a high prevalence of left ventricular dysfunction. Journal of Cardiovascular Medicine, 2015, 16, 743-750.	1.5	10
64	Cardiac resynchronization therapy outcomes in patients with chronic heart failure. Journal of Cardiovascular Medicine, 2017, 18, 962-967.	1.5	10
65	Insulinlike Growth Factorâ€“Binding Protein-1 Improves Vascular Endothelial Repair in Male Mice in the Setting of Insulin Resistance. Endocrinology, 2018, 159, 696-709.	2.8	10
66	Effects of obesity on insulin: insulin-like growth factor 1 hybrid receptor expression and Akt phosphorylation in conduit and resistance arteries. Diabetes and Vascular Disease Research, 2019, 16, 160-170.	2.0	10
67	Elimination of fibrin Î³-chain cross-linking by FXIIIa increases pulmonary embolism arising from murine inferior vena cava thrombi. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2103226118.	7.1	10
68	Importance of insulin resistance to vascular repair and regeneration. Free Radical Biology and Medicine, 2013, 60, 246-263.	2.9	9
69	Ischemic Heart Disease Modifies the Association of Atrial Fibrillation With Mortality in Heart Failure With Reduced Ejection Fraction. Journal of the American Heart Association, 2018, 7, e009770.	3.7	9
70	Pericyte Insulin Receptors Modulate Retinal Vascular Remodeling and Endothelial Angiopoietin Signaling. Endocrinology, 2021, 162, .	2.8	9
71	Review: Acute metabolic derangement and the heart. British Journal of Diabetes and Vascular Disease, 2007, 7, 218-222.	0.6	8
72	Homotypic endothelial nanotubes induced by wheat germ agglutinin and thrombin. Scientific Reports, 2018, 8, 7569.	3.3	8

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73	Prognostic Significance of Incidental Nonsustained Ventricular Tachycardia Detected on Pacemaker Interrogation. American Journal of Cardiology, 2019, 123, 409-413.	1.6	8
74	Inorganic Nitrate Promotes Glucose Uptake and Oxidative Catabolism in White Adipose Tissue Through the XOR-Catalyzed Nitric Oxide Pathway. Diabetes, 2020, 69, 893-901.	0.6	8
75	Guideline-directed medical therapy is similarly effective in heart failure with mildly reduced ejection fraction. Clinical Research in Cardiology, 2023, 112, 111-122.	3.3	8
76	Effects of Ivabradine on Hemodynamic and Functional Parameters in Left Ventricular Systolic Dysfunction: a Systematic Review and Meta-analysis. Journal of General Internal Medicine, 2018, 33, 1561-1570.	2.6	7
77	Endothelial IGFâ€1 receptor mediates crosstalk with the gut wall to regulate microbiota in obesity. EMBO Reports, 2021, 22, e50767.	4.5	7
78	Novel Paracrine Action of Endothelium Enhances Glucose Uptake in Muscle and Fat. Circulation Research, 2021, 129, 720-734.	4.5	7
79	Effect of diseaseâ€modifying agents and their association with mortality in multiâ€morbid patients with heart failure with reduced ejection fraction. ESC Heart Failure, 2020, 7, 3859-3870.	3.1	7
80	Coronary microvascular function and visceral adiposity in patients with normal body weight and type 2 diabetes. Obesity, 2022, 30, 1079-1090.	3.0	7
81	Impact of QRS duration on left ventricular remodelling and survival in patients with heart failure. Journal of Cardiovascular Medicine, 2021, 22, 848-856.	1.5	6
82	Coenzyme Q10 to manage chronic heart failure with a reduced ejection fraction: a systematic review and economic evaluation. Health Technology Assessment, 2022, 26, 1-128.	2.8	5
83	Systemic Inflammation Is Associated With Future Risk of Fatal Infection: An Observational Cohort Study. Journal of Infectious Diseases, 2022, 226, 554-562.	4.0	5
84	IGFBP-1 in Cardiometabolic Pathophysiologyâ€"Insights From Loss-of-Function and Gain-of-Function Studies in Male Mice. Journal of the Endocrine Society, 2020, 4, bvz006.	0.2	4
85	Prospective Longitudinal Characterization of the Relationship between Diabetes and Cardiac Structural and Functional Changes. Cardiology Research and Practice, 2022, 2022, 1-12.	1.1	4
86	Coexistent Diabetes Is Associated With the Presence of Adverse Phenotypic Features in Patients With Hypertrophic Cardiomyopathy. Diabetes Care, 0, , .	8.6	4
87	Reduction of heart failure guidelineâ€directed medication during hospitalization: prevalence, risk factors, and outcomes. ESC Heart Failure, 2022, 9, 3298-3307.	3.1	4
88	Performance of 2014 NICE defibrillator implantation guidelines in heart failure risk stratification. Heart, 2016, 102, 735-740.	2.9	3
89	Prospective evaluation and long-term follow-up of patients referred to secondary care based upon natriuretic peptide levels in primary care. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 218-224.	4.0	3
90	Optimising pacemaker therapy and medical therapy in pacemaker patients for heart failure: protocol for the OPT-PACE randomised controlled trial. BMJ Open, 2019, 9, e028613.	1.9	2

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91	Endothelial Cell Gel Angiogenesis Bead Assay. Methods in Molecular Biology, 2022, 2441, 321-327.	0.9	2
92	Cixutumumab reveals a critical role for IGF-1 in adipose and hepatic tissue remodelling during the development of diet-induced obesity. Adipocyte, 2022, 11, 366-378.	2.8	2
93	Atrial fibrillation and risk of progressive heart failure in patients with preserved ejection fraction heart failure. ESC Heart Failure, 0, , .	3.1	2
94	Echocardiography in the Investigation of Cardiomyopathy. Ultrasound, 2008, 16, 73-79.	0.7	1
95	Contemporary treatment strategies for Type 2 diabetes-related macrovascular disease. Expert Review of Endocrinology and Metabolism, 2014, 9, 641-658.	2.4	1
96	Longâ€term performance of left ventricular leads in cardiac resynchronisation therapy. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 1501-1507.	1.2	1
97	Diabetes, gender and deterioration in estimated glomerular filtration rate in patients with chronic heart failure: Ten-year prospective cohort study. Diabetes and Vascular Disease Research, 2021, 18, 147916412098443.	2.0	1
98	Infection and Adverse Outcomes in People With Chronic HeartÂFailure. Journal of the American College of Cardiology, 2021, 78, 760.	2.8	1
99	Hypoxia signalling in the regulation of innate immune training. Biochemical Society Transactions, 2022, 50, 413-422.	3.4	1
100	Diabetes mellitus and the causes of hospitalisation in people with heart failure. Diabetes and Vascular Disease Research, 2022, 19, 147916412110739.	2.0	1
101	Implantation of an Epicardial Dual Chamber ICD Following Unsuccessful Percutaneous Extraction of a Failed Ventricular Shocking Electrode. PACE - Pacing and Clinical Electrophysiology, 2004, 27, 686-687.	1.2	0
102	Role of vascular endothelial insulin sensitisation in vascular repair in systemic insulin resistance. Lancet, The, 2014, 383, S97.	13.7	0
103	The role of reactive oxidative species in insulin resistance-associated cardiovascular disease. Diabetes Management, 2015, 5, 203-213.	0.5	0
104	Reply. Journal of the American College of Cardiology, 2016, 68, 1253.	2.8	0
105	A CARDIOMETABOLIC RESERVE IN HEART FAILURE, REVEALED BY VERIFICATION PHASE EXERCISE TESTING, DOES NOT CONFER PROGNOSTIC BENEFIT. Chest, 2020, 158, A2056-A2057.	0.8	0
106	14â€...The presence of diabetes as a comorbidity adversely affects the phenotypic expression of hypertrophic cardiomyopathy. , 2021, , .		0
107	Response by Gierula et al to Letter Regarding Article, â€œPersonalized Rate-Response Programming Improves Exercise Tolerance After 6 Months in People With Cardiac Implantable Electronic Devices and Heart Failure: A Phase II Studyâ€• Circulation, 2020, 142, e319-e320.	1.6	0
108	Personalised reprogramming to prevent progressive pacemaker-related left ventricular dysfunction: A phase II randomised, controlled clinical trial. PLoS ONE, 2021, 16, e0259450.	2.5	0

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109	Title is missing!. , 2020, 17, e1003432.		0
110	Title is missing!. , 2020, 17, e1003432.		0
111	Title is missing!. , 2020, 17, e1003432.		0
112	Title is missing!. , 2020, 17, e1003432.		0