

Pieter A Doevendans

List of Publications by Year in descending order

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Version: 2024-02-01

292
papers

20,673
citations

16451

64
h-index

11939

134
g-index

296
all docs

296
docs citations

296
times ranked

28212
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Accuracy of 64-Slice Computed Tomography Coronary Angiography. <i>Journal of the American College of Cardiology</i> , 2008, 52, 2135-2144.	2.8	1,136
2	Differentiation of Human Embryonic Stem Cells to Cardiomyocytes. <i>Circulation</i> , 2003, 107, 2733-2740.	1.6	1,091
3	Mesenchymal stem cell-derived exosomes increase ATP levels, decrease oxidative stress and activate PI3K/Akt pathway to enhance myocardial viability and prevent adverse remodeling after myocardial ischemia/reperfusion injury. <i>Stem Cell Research</i> , 2013, 10, 301-312.	0.7	932
4	MicroRNAs in the Human Heart. <i>Circulation</i> , 2007, 116, 258-267.	1.6	852
5	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015, 36, 539-550.	2.2	567
6	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. <i>Lancet</i> , The, 2015, 385, 351-361.	13.7	562
7	Reduction of myocardial infarct size by human mesenchymal stem cell conditioned medium. <i>Stem Cell Research</i> , 2008, 1, 129-137.	0.7	531
8	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ</i> , The, 2014, 349, g4164-g4164.	6.0	528
9	Exenatide Reduces Infarct Size and Improves Cardiac Function in a Porcine Model of Ischemia and Reperfusion Injury. <i>Journal of the American College of Cardiology</i> , 2009, 53, 501-510.	2.8	422
10	Human mesenchymal stem cell-conditioned medium improves cardiac function following myocardial infarction. <i>Stem Cell Research</i> , 2011, 6, 206-214.	0.7	379
11	Clinical Presentation, Long-Term Follow-Up, and Outcomes of 1001 Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Patients and Family Members. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 437-446.	5.1	370
12	Impact of genotype on clinical course in arrhythmogenic right ventricular dysplasia/cardiomyopathy-associated mutation carriers. <i>European Heart Journal</i> , 2015, 36, 847-855.	2.2	338
13	Myocardial Ischemia/Reperfusion Injury Is Mediated by Leukocytic Toll-Like Receptor-2 and Reduced by Systemic Administration of a Novel Anti-Toll-Like Receptor-2 Antibody. <i>Circulation</i> , 2010, 121, 80-90.	1.6	319
14	MicroRNA-1 and -499 Regulate Differentiation and Proliferation in Human-Derived Cardiomyocyte Progenitor Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 859-868.	2.4	302
15	Toll-Like Receptor 4 Mediates Maladaptive Left Ventricular Remodeling and Impairs Cardiac Function After Myocardial Infarction. <i>Circulation Research</i> , 2008, 102, 257-264.	4.5	298
16	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015, 47, 1282-1293.	21.4	294
17	Echocardiographic quantification of myocardial function using tissue deformation imaging, a guide to image acquisition and analysis using tissue Doppler and speckle tracking. <i>Cardiovascular Ultrasound</i> , 2007, 5, 27.	1.6	293
18	Inhibition of RIP1-dependent necrosis prevents adverse cardiac remodeling after myocardial ischemia-reperfusion in vivo. <i>Basic Research in Cardiology</i> , 2012, 107, 270.	5.9	277

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19	Human cardiomyocyte progenitor cells differentiate into functional mature cardiomyocytes: an in vitro model for studying human cardiac physiology and pathophysiology. <i>Nature Protocols</i> , 2009, 4, 232-243.	12.0	276
20	Myocardial Injury After Noncardiac Surgery and its Association With Short-Term Mortality. <i>Circulation</i> , 2013, 127, 2264-2271.	1.6	270
21	Higher functionality of extracellular vesicles isolated using size-exclusion chromatography compared to ultracentrifugation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2061-2065.	3.3	268
22	A Fast pH-Switchable and Self-Healing Supramolecular Hydrogel Carrier for Guided, Local Catheter Injection in the Infarcted Myocardium. <i>Advanced Healthcare Materials</i> , 2014, 3, 70-78.	7.6	261
23	Microvesicles and exosomes for intracardiac communication. <i>Cardiovascular Research</i> , 2014, 102, 302-311.	3.8	228
24	TGF- β 21 induces efficient differentiation of human cardiomyocyte progenitor cells into functional cardiomyocytes in vitro. <i>Stem Cell Research</i> , 2008, 1, 138-149.	0.7	214
25	Human relevance of pre-clinical studies in stem cell therapy: systematic review and meta-analysis of large animal models of ischaemic heart disease. <i>Cardiovascular Research</i> , 2011, 91, 649-658.	3.8	209
26	The HEART Score for the Assessment of Patients With Chest Pain in the Emergency Department. <i>Critical Pathways in Cardiology</i> , 2013, 12, 121-126.	0.5	203
27	Relationship Between Lifelong Exercise Volume and Coronary Atherosclerosis in Athletes. <i>Circulation</i> , 2017, 136, 138-148.	1.6	195
28	Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Circulation</i> , 2011, 123, 2690-2700.	1.6	194
29	Early assessment of acute coronary syndromes in the emergency department: the potential diagnostic value of circulating microRNAs. <i>EMBO Molecular Medicine</i> , 2012, 4, 1176-1185.	6.9	173
30	Human cardiomyocyte progenitor cell transplantation preserves long-term function of the infarcted mouse myocardium. <i>Cardiovascular Research</i> , 2009, 83, 527-535.	3.8	158
31	Gene-centric Meta-analysis in 87,736 Individuals of European Ancestry Identifies Multiple Blood-Pressure-Related Loci. <i>American Journal of Human Genetics</i> , 2014, 94, 349-360.	6.2	158
32	Exosomes from Cardiomyocyte Progenitor Cells and Mesenchymal Stem Cells Stimulate Angiogenesis Via EMMPRIN. <i>Advanced Healthcare Materials</i> , 2016, 5, 2555-2565.	7.6	158
33	Lack of Fibronectin-EDA Promotes Survival and Prevents Adverse Remodeling and Heart Function Deterioration After Myocardial Infarction. <i>Circulation Research</i> , 2011, 108, 582-592.	4.5	149
34	Effect of Using the HEART Score in Patients With Chest Pain in the Emergency Department. <i>Annals of Internal Medicine</i> , 2017, 166, 689.	3.9	149
35	Effect of Repetitive Intra-Arterial Infusion of Bone Marrow Mononuclear Cells in Patients With No-Option Limb Ischemia. <i>Circulation</i> , 2015, 131, 851-860.	1.6	145
36	Cardiac Stem Cell Treatment in Myocardial Infarction. <i>Circulation Research</i> , 2016, 118, 1223-1232.	4.5	138

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37	MicroRNA-214 inhibits angiogenesis by targeting Quaking and reducing angiogenic growth factor release. <i>Cardiovascular Research</i> , 2012, 93, 655-665.	3.8	132
38	Acute and Long-Term Effects of Full-Power Electroporation Ablation Directly on the Porcine Esophagus. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	127
39	Melt Electrowriting Allows Tailored Microstructural and Mechanical Design of Scaffolds to Advance Functional Human Myocardial Tissue Formation. <i>Advanced Functional Materials</i> , 2018, 28, 1803151.	14.9	125
40	Septal rebound stretch reflects the functional substrate to cardiac resynchronization therapy and predicts volumetric and neurohormonal response. <i>European Journal of Heart Failure</i> , 2009, 11, 863-871.	7.1	123
41	Septal Deformation Patterns Delineate Mechanical Dyssynchrony and Regional Differences in Contractility. <i>Circulation: Heart Failure</i> , 2012, 5, 87-96.	3.9	122
42	Exercise-related out-of-hospital cardiac arrest in the general population: incidence and prognosis. <i>European Heart Journal</i> , 2013, 34, 3616-3623.	2.2	117
43	Cardiac Magnetic Resonance Imaging Findings and the Risk of Cardiovascular Events in Patients With Recent Myocardial Infarction or Suspected or Known Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1031-1045.	2.8	117
44	Secretory Phospholipase A2-IIA and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1966-1976.	2.8	115
45	Echocardiographic Tissue Deformation Imaging Quantifies Abnormal Regional Right Ventricular Function in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 920-927.	2.8	114
46	MicroRNA-155 prevents necrotic cell death in human cardiomyocyte progenitor cells via targeting RIP1. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1474-1482.	3.6	114
47	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113
48	Wnt Activation and Reduced Cell-Cell Contact Synergistically Induce Massive Expansion of Functional Human iPSC-Derived Cardiomyocytes. <i>Cell Stem Cell</i> , 2020, 27, 50-63.e5.	11.1	112
49	Cardiomyocyte cell cycle activation improves cardiac function after myocardial infarction. <i>Cardiovascular Research</i> , 2008, 78, 18-25.	3.8	109
50	Aldosterone, mortality, and acute ischaemic events in coronary artery disease patients outside the setting of acute myocardial infarction or heart failure. <i>European Heart Journal</i> , 2012, 33, 191-202.	2.2	109
51	Activation Delay and VT Parameters in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy: Toward Improvement of Diagnostic ECG Criteria. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 775-781.	1.7	102
52	Active Wnt signaling in response to cardiac injury. <i>Basic Research in Cardiology</i> , 2010, 105, 631-641.	5.9	97
53	Minimal coronary artery damage by myocardial electroporation ablation. <i>Europace</i> , 2013, 15, 144-149.	1.7	82
54	Early Detection of Regional Functional Abnormalities in Asymptomatic ARVD/C Gene Carriers. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 997-1006.	2.8	80

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55	Monitoring of cell therapy and assessment of cardiac function using magnetic resonance imaging in a mouse model of myocardial infarction. <i>Nature Protocols</i> , 2007, 2, 2551-2567.	12.0	79
56	Baseline left ventricular dP/dt_{max} rather than the acute improvement in dP/dt_{max} predicts clinical outcome in patients with cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2011, 13, 1126-1132.	7.1	78
57	Safety and Feasibility of Closed Chest Epicardial Catheter Ablation Using Electroporation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 913-919.	4.8	77
58	One-Year Mortality, Causes of Death, and Cardiac Interventions in Patients with Postoperative Myocardial Injury. <i>Anesthesia and Analgesia</i> , 2016, 123, 29-37.	2.2	76
59	Incidence, Predictive Factors, and Effect of Delirium After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 160-168.	2.9	75
60	HypoxamiRs: regulators of cardiac hypoxia and energy metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 502-508.	7.1	72
61	Idiopathic Ventricular Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	72
62	Necrostatin-1 alleviates reperfusion injury following acute myocardial infarction in pigs. <i>European Journal of Clinical Investigation</i> , 2015, 45, 150-159.	3.4	70
63	Mechanistic Evaluation of Echocardiographic Dyssynchrony Indices. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 491-499.	2.6	69
64	Concise Review: Heart Regeneration and the Role of Cardiac Stem Cells. <i>Stem Cells Translational Medicine</i> , 2013, 2, 434-443.	3.3	69
65	The Prognostic Value of Right Ventricular Deformation Imaging in Early Arrhythmogenic Right Ventricular Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 446-455.	5.3	64
66	Myocardial Lesion Depth With Circular Electroporation Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 581-586.	4.8	62
67	Transcatheter Aortic Valve Implantation With the New Balloon-Expandable Sapien 3 Versus Sapien XT Valve System. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002408.	3.9	62
68	Pulmonary Vein Isolation With Single Pulse Irreversible Electroporation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008192.	4.8	62
69	Circadian networks in human embryonic stem cell-derived cardiomyocytes. <i>EMBO Reports</i> , 2017, 18, 1199-1212.	4.5	61
70	Injectable Supramolecular Ureidopyrimidinone Hydrogels Provide Sustained Release of Extracellular Vesicle Therapeutics. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900847.	7.6	61
71	Targeted delivery of miRNA therapeutics for cardiovascular diseases: opportunities and challenges. <i>Clinical Science</i> , 2014, 127, 351-365.	4.3	60
72	Damage-Associated Molecular Patterns in Myocardial Infarction and Heart Transplantation: The Road to Translational Success. <i>Frontiers in Immunology</i> , 2020, 11, 599511.	4.8	60

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73	Circulating Extracellular Vesicles Contain miRNAs and are Released as Early Biomarkers for Cardiac Injury. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 291-301.	2.4	59
74	A systematic analysis of genetic dilated cardiomyopathy reveals numerous ubiquitously expressed and muscle-specific genes. <i>European Journal of Heart Failure</i> , 2015, 17, 484-493.	7.1	58
75	Cardiac-Derived Extracellular Matrix Enhances Cardiogenic Properties of Human Cardiac Progenitor Cells. <i>Cell Transplantation</i> , 2016, 25, 1653-1663.	2.5	58
76	Wnt/ β -catenin signaling directs the regional expansion of first and second heart field-derived ventricular cardiomyocytes. <i>Development (Cambridge)</i> , 2013, 140, 4165-4176.	2.5	57
77	MicroRNA-132/212 family enhances arteriogenesis after hindlimb ischaemia through modulation of the Ras/MAPK pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1994-2005.	3.6	56
78	Epicardial linear electroporation ablation and lesion size. <i>Heart Rhythm</i> , 2014, 11, 1465-1470.	0.7	55
79	Embella embolic deflection device for cerebral protection during transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 799-805.e2.	0.8	54
80	Incidence of Pulmonary Vein Stenosis After Radiofrequency Catheter Ablation of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 589-598.	3.2	54
81	Cre-dependent Cas9-expressing pigs enable efficient in vivo genome editing. <i>Genome Research</i> , 2017, 27, 2061-2071.	5.5	54
82	Evaluation of Structural Progression in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>JAMA Cardiology</i> , 2017, 2, 293.	6.1	53
83	The impact of the HEART risk score in the early assessment of patients with acute chest pain: design of a stepped wedge, cluster randomised trial. <i>BMC Cardiovascular Disorders</i> , 2013, 13, 77.	1.7	52
84	Myocardial Lesion Size After Epicardial Electroporation Catheter Ablation After Subxiphoid Puncture. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 728-733.	4.8	52
85	Right Ventricular Imaging and Computer Simulation for Electromechanical Substrate Characterization in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2185-2197.	2.8	52
86	Transendocardial cell injection is not superior to intracoronary infusion in a porcine model of ischaemic cardiomyopathy: a study on delivery efficiency. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2768-2776.	3.6	50
87	Denervation of the Renal Arteries in Metabolic Syndrome. <i>Hypertension</i> , 2015, 65, 751-757.	2.7	50
88	Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy According to Revised 2010 Task Force Criteria With Inclusion of Non-Desmosomal Phospholamban Mutation Carriers. <i>American Journal of Cardiology</i> , 2013, 112, 1197-1206.	1.6	49
89	Intramyocardial stem cell injection: go(ne) with the flow. <i>European Heart Journal</i> , 2017, 38, ehw056.	2.2	48
90	Occult coronary artery disease in middle-aged sportsmen with a low cardiovascular risk score: The Measuring Athlete's Risk of Cardiovascular Events (MARC) study. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1677-1684.	1.8	47

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91	Eligibility for percutaneous renal denervation. <i>Journal of Hypertension</i> , 2013, 31, 1662-1668.	0.5	46
92	A Systematic Review Concerning the Relation between the Sympathetic Nervous System and Heart Failure with Preserved Left Ventricular Ejection Fraction. <i>PLoS ONE</i> , 2015, 10, e0117332.	2.5	46
93	Can optimization of pacing settings compensate for a non-optimal left ventricular pacing site?. <i>Europace</i> , 2010, 12, 1262-1269.	1.7	45
94	Silent ischemic brain lesions after transcatheter aortic valve replacement: lesion distribution and predictors. <i>Clinical Research in Cardiology</i> , 2015, 104, 430-438.	3.3	45
95	Septal Rebound Stretch is a Strong Predictor of Outcome After Cardiac Resynchronization Therapy. <i>Journal of Cardiac Failure</i> , 2012, 18, 404-412.	1.7	44
96	Gelatin Microspheres as Vehicle for Cardiac Progenitor Cells Delivery to the Myocardium. <i>Advanced Healthcare Materials</i> , 2016, 5, 1071-1079.	7.6	42
97	Automatic Triage of 12-lead ECGs Using Deep Convolutional Neural Networks. <i>Journal of the American Heart Association</i> , 2020, 9, e015138.	3.7	42
98	Are oxygen uptake kinetics in chronic heart failure limited by oxygen delivery or oxygen utilization?. <i>International Journal of Cardiology</i> , 2010, 142, 138-144.	1.7	41
99	Leucocyte expression of complement C5a receptors exacerbates infarct size after myocardial reperfusion injury. <i>Cardiovascular Research</i> , 2014, 103, 521-529.	3.8	41
100	Long-Term Outcome of Patients Initially Diagnosed With Idiopathic Ventricular Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	41
101	Isolation and expansion of resident cardiac progenitor cells. <i>Expert Review of Cardiovascular Therapy</i> , 2007, 5, 33-43.	1.5	40
102	Modelling inherited cardiac disease using human induced pluripotent stem cell-derived cardiomyocytes: progress, pitfalls, and potential. <i>Cardiovascular Research</i> , 2018, 114, 1828-1842.	3.8	40
103	Cardiac resynchronization therapy beyond nominal settings: who needs individual programming of the atrioventricular and interventricular delay?. <i>Europace</i> , 2012, 14, 1746-1753.	1.7	39
104	Cardiomyogenic differentiation-independent improvement of cardiac function by human cardiomyocyte progenitor cell injection in ischaemic mouse hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1508-1521.	3.6	39
105	Serial Morphological and Functional Assessment of Drug-Eluting Balloon for In-Stent Restenotic Lesions. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 569-576.	2.9	39
106	Five-year efficacy of pulmonary vein antrum isolation as a primary ablation strategy for atrial fibrillation: a single-centre cohort study. <i>Europace</i> , 2016, 18, 1335-1342.	1.7	39
107	Primary percutaneous coronary intervention by drug-eluting balloon angioplasty: The nonrandomized fourth arm of the <sc>DEB-AMI</sc> (drug-eluting balloon in <sc>ST</sc>-segment elevation) Tj ETQq1 1.70.7843 148 BT / Ov	1.7	39
108	Cardiovascular adverse events in patients with non-Hodgkin lymphoma treated with first-line cyclophosphamide, doxorubicin, vincristine, and prednisone (CHOP) or CHOP with rituximab (R-CHOP): a systematic review and meta-analysis. <i>Lancet Haematology</i> , 2020, 7, e295-e308.	4.6	38

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109	Effect of additional treatment with EXenatide in patients with an Acute Myocardial Infarction: The EXAMI study. <i>International Journal of Cardiology</i> , 2013, 167, 289-290.	1.7	36
110	Stem cell-based therapy: Improving myocardial cell delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 104-115.	13.7	36
111	All preclinical trials should be registered in advance in an online registry. <i>European Journal of Clinical Investigation</i> , 2014, 44, 891-892.	3.4	35
112	Left Ventricular Involvement in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Assessed by Echocardiography Predicts Adverse Clinical Outcome. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1103-1113.e9.	2.8	35
113	No benefit of additional treatment with exenatide in patients with an acute myocardial infarction. <i>International Journal of Cardiology</i> , 2016, 220, 809-814.	1.7	35
114	Low oxygen tension positively influences cardiomyocyte progenitor cell function. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2723-2734.	3.6	34
115	Different types of cultured human adult Cardiac Progenitor Cells have a high degree of transcriptome similarity. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2147-2151.	3.6	34
116	microRNA-1 enhances the angiogenic differentiation of human cardiomyocyte progenitor cells. <i>Journal of Molecular Medicine</i> , 2013, 91, 1001-1012.	3.9	33
117	Engineering CRISPR/Cpf1 with tRNA promotes genome editing capability in mammalian systems. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3593-3607.	5.4	33
118	Randomized All-Comers Evaluation of a Permanent Polymer Zotarolimus-Eluting Stent Versus a Polymer-Free Amphilimus-Eluting Stent. <i>Circulation</i> , 2019, 139, 67-77.	1.6	33
119	Cognitive Outcomes 7.5 Years After Angioplasty Compared With Off-Pump Coronary Bypass Surgery. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1294-1300.	1.3	32
120	Tricuspid flow and regurgitation in congenital heart disease and pulmonary hypertension: comparison of 4D flow cardiovascular magnetic resonance and echocardiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 5.	3.3	32
121	Myocardial Infarction and Functional Outcome Assessment in Pigs. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	31
122	Translational failure of anti-inflammatory compounds for myocardial infarction: a meta-analysis of large animal models. <i>Cardiovascular Research</i> , 2016, 109, 240-248.	3.8	31
123	TriGuard HDH embolic deflection device for cerebral protection during transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 470-477.	1.7	31
124	Next-generation sequencing of a large gene panel in patients initially diagnosed with idiopathic ventricular fibrillation. <i>Heart Rhythm</i> , 2017, 14, 1035-1040.	0.7	31
125	Three-dimensional mapping of mechanical activation patterns, contractile dyssynchrony and dyscoordination by two-dimensional strain echocardiography: Rationale and design of a novel software toolbox. <i>Cardiovascular Ultrasound</i> , 2008, 6, 22.	1.6	29
126	Detection and Quantification by Deformation Imaging of the Functional Impact of Septal Compared to Free Wall Preexcitation in the Wolff-Parkinson-White Syndrome. <i>American Journal of Cardiology</i> , 2010, 106, 539-546.e2.	1.6	29

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127	Foetal and adult cardiomyocyte progenitor cells have different developmental potential. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 861-870.	3.6	29
128	Subtotal nephrectomy plus coronary ligation leads to more pronounced damage in both organs than either nephrectomy or coronary ligation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H845-H854.	3.2	29
129	Aldosterone, atherosclerosis and vascular events in patients with stable coronary artery disease. <i>International Journal of Cardiology</i> , 2013, 167, 1929-1935.	1.7	29
130	Improving usual care after sudden death in the young with focus on inherited cardiac diseases (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	29
131	Discovering and Visualizing Disease-Specific Electrocardiogram Features Using Deep Learning. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009056.	4.8	29
132	Gender differences in pre-hospital time delay and symptom presentation in patients suspected of acute coronary syndrome in primary care. <i>Family Practice</i> , 2012, 29, 332-337.	1.9	28
133	Effects of high-intensity interval training on central haemodynamics and skeletal muscle oxygenation during exercise in patients with chronic heart failure. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1943-1952.	1.8	28
134	Dexamethasone for the prevention of postoperative atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 182, 431-437.	1.7	27
135	Sex-Based Differences in the Performance of the HEART Score in Patients Presenting to the Emergency Department With Acute Chest Pain. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	27
136	Anti-fibrotic Effects of Cardiac Progenitor Cells in a 3D-Model of Human Cardiac Fibrosis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 52.	2.4	27
137	Risk factors and prognosis of postpericardiotomy syndrome in patients undergoing valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 878-885.e1.	0.8	26
138	In vitro analysis of the origin and characteristics of gaseous microemboli during catheter electroporation ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2071-2079.	1.7	26
139	Increased circulating IgG levels, myocardial immune cells and IgG deposits support a role for an immune response in pre- and end-stage heart failure. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7505-7516.	3.6	26
140	High-Frequency Biomarker Measurements of Troponin, NT-proBNP, and C-Reactive Protein for Prediction of New Coronary Events After Acute Coronary Syndrome. <i>Circulation</i> , 2019, 139, 134-136.	1.6	26
141	Risk of heart failure- and cardiac death gradually increases with more right ventricular pacing. <i>International Journal of Cardiology</i> , 2015, 185, 95-100.	1.7	25
142	Comparative assessment of the antirestenotic efficacy of two paclitaxel drug-eluting balloons with different coatings in the treatment of in-stent restenosis. <i>Clinical Research in Cardiology</i> , 2016, 105, 401-411.	3.3	25
143	Modeling the Human Scarred Heart In Vitro: Toward New Tissue Engineered Models. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600571.	7.6	25
144	Echocardiographic Prediction of Cardiac Resynchronization Therapy Response Requires Analysis of Both Mechanical Dyssynchrony and Right Ventricular Function: A Combined Analysis of Patient Data and Computer Simulations. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 1012-1020.e2.	2.8	25

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145	Non-cardiac chest pain: prognosis and secondary healthcare utilisation. <i>Open Heart</i> , 2018, 5, e000859.	2.3	25
146	Publication rate in preclinical research: a plea for preregistration. <i>BMJ Open Science</i> , 2020, 44, e100051.	1.7	25
147	Measuring and targeting aldosterone and renin in atherosclerosis – A review of clinical data. <i>American Heart Journal</i> , 2011, 162, 585-596.	2.7	24
148	Neonatal rat cardiomyocytes as an in vitro model for circadian rhythms in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 58-63.	1.9	24
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