Pieter A Doevendans

List of Publications by Year
in descending order

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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	Optimal echocardiographic assessment of myocardial dysfunction for arrhythmic risk stratification in phospholamban mutation carriers. European Heart Journal Cardiovascular Imaging, 2022, 23, 1492-1501.	1.2	6
2	Sarcomere Disassembly and Transfection Efficiency in Proliferating Human iPSC-Derived Cardiomyocytes. Journal of Cardiovascular Development and Disease, 2022, 9, 43.	1.6	5
3	Characteristics and time course of acute and chronic myocardial lesion formation after electroporation ablation in the porcine model. Journal of Cardiovascular Electrophysiology, 2022, 33, 360-367.	1.7	4
4	Sutureless versus Hand-Sewn Coronary Anastomoses: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2022, 11, 749.	2.4	1
5	Hypertensive response to exercise in adult patients with repaired aortic coarctation. Heart, 2022, , heartjnl-2021-320333.	2.9	7
6	Echocardiographic Deformation ImagingÂfor Early Detection of GeneticÂCardiomyopathies. Journal of the American College of Cardiology, 2022, 79, 594-608.	2.8	10
7	NSTEMI with total left circumflex occlusion: how the N-wave might help (case report). Oxford Medical Case Reports, 2022, 2022, omac010.	0.4	1
8	Preclinical Comparison of Distal Off-Pump Anastomotic Remodeling: Hand-Sewn Versus ELANA Heart Bypass. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2022, 17, 111-118.	0.9	1
9	Deep neural networks reveal novel sex-specific electrocardiographic features relevant for mortality risk. European Heart Journal Digital Health, 2022, 3, 245-254.	1.7	6
10	Generation of human induced pluripotent stem cell (iPSC) lines derived from five patients carrying the pathogenic phospholamban-R14del (PLN-R14del) variant and three non-carrier family members. Stem Cell Research, 2022, 60, 102737.	0.7	3
11	Modifiable risk factors in adults with and without prior cardiovascular disease: findings from the Indonesian National Basic Health Research. BMC Public Health, 2022, 22, 660.	2.9	11
12	Follistatin-like 1 promotes proliferation of matured human hypoxic iPSC-cardiomyocytes and is secreted by cardiac fibroblasts. Molecular Therapy - Methods and Clinical Development, 2022, 25, 3-16.	4.1	5
13	Life-threatening ventricular arrhythmia prediction in patients with dilated cardiomyopathy using explainable electrocardiogram-based deep neural networks. Europace, 2022, 24, 1645-1654.	1.7	10
14	Revascularization strategies for patients with established chronic coronary syndrome. European Journal of Clinical Investigation, 2022, 52, e13787.	3.4	4
15	Safety and feasibility study of non-invasive robot-assisted high-intensity focused ultrasound therapy for the treatment of atherosclerotic plaques in the femoral artery: protocol for a pilot study. BMJ Open, 2022, 12, e058418.	1.9	2
16	Applying the HEART score is safe and saves. Netherlands Heart Journal, 2022, 30, 350-351.	0.8	0
17	Predicting Permanent Pacemaker Implantation after Transcatheter Aortic Valve Replacement Based on Pre-Procedural 24-Hours Holter Monitoring; a Pilot Study. Structural Heart, 2021, 5, 90-96.	0.6	0
18	Minimally Invasive Ways of Determining Circadian Rhythms in Humans. Physiology, 2021, 36, 7-20.	3.1	9

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19	In vivoanalysis of the origin and characteristics of gaseous microemboli during catheter-mediated irreversible electroporation. Europace, 2021, 23, 139-146.	1.7	13
20	Comparison of the Sapien 3 versus the ACURATE neo valve system: A propensity score analysis. Catheterization and Cardiovascular Interventions, 2021, 97, E597-E606.	1.7	3
21	Temporal Evolution of Serum Concentrations of Highâ€Sensitivity Cardiac Troponin During 1 Year After Acute Coronary Syndrome Admission. Journal of the American Heart Association, 2021, 10, e017393.	3.7	6
22	Discovering and Visualizing Disease-Specific Electrocardiogram Features Using Deep Learning. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009056.	4.8	29
23	Acute recoordination rather than functional hemodynamic improvement determines reverse remodelling by cardiac resynchronisation therapy. International Journal of Cardiovascular Imaging, 2021, 37, 1903-1911.	1.5	10
24	AdvancedIn VitroModeling to Study the Paradox of Mechanically Induced Cardiac Fibrosis. Tissue Engineering - Part C: Methods, 2021, 27, 100-114.	2.1	9
25	Clinical Course Long After Atrial Switch: A Novel Risk Score for Major Clinical Events. Journal of the American Heart Association, 2021, 10, e018565.	3.7	19
26	miR-132/212 Impairs Cardiomyocytes Contractility in the Failing Heart by Suppressing SERCA2a. Frontiers in Cardiovascular Medicine, 2021, 8, 592362.	2.4	16
27	Preclinical Feasibility and Patency Analyses of a New Distal Coronary Connector: The ELANA Heart Bypass. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 163-168.	0.9	3
28	Uncertainty estimation for deep learning-based automated analysis of 12-lead electrocardiograms. European Heart Journal Digital Health, 2021, 2, 401-415.	1.7	16
29	A Roadmap to Cardiac Tissueâ€Engineered Construct Preservation: Insights from Cells, Tissues, and Organs. Advanced Materials, 2021, 33, 2008517.	21.0	4
30	Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias. Journal of Personalized Medicine, 2021, 11, 502.	2.5	12
31	Randomised controlled trial into the role of ramipril in fibrosis reduction in rheumatic heart disease: the RamiRHeD trial protocol. BMJ Open, 2021, 11, e048016.	1.9	5
32	Cardiovascular Morbidity and Mortality in Adult Patients With Repaired Aortic Coarctation. Journal of the American Heart Association, 2021, 10, e023199.	3.7	13
33	Controlled delivery of gold nanoparticle-coupled miRNA therapeuticsviaan injectable self-healing hydrogel. Nanoscale, 2021, 13, 20451-20461.	5.6	15
34	Fiber Scaffold Patterning for Mending Hearts: 3D Organization Bringing the Next Step. Advanced Healthcare Materials, 2020, 9, e1900775.	7.6	24
35	High intensity interval training after cardiac resynchronization therapy: An explorative randomized controlled trial. International Journal of Cardiology, 2020, 299, 169-174.	1.7	10
36	Evaluation of Disease Progression in Arrhythmogenic Cardiomyopathy. JACC: Cardiovascular Imaging, 2020, 13, 631-634.	5.3	20

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37	Early- and late anthracycline-induced cardiac dysfunction: echocardiographic characterization and response to heart failure therapy. Cardio-Oncology, 2020, 6, 23.	1.7	10
38	Angiotensin Converting Enzyme Inhibitors (ACEIs) Decrease the Progression of Cardiac Fibrosis in Rheumatic Heart Disease Through the Inhibition of IL-33/sST2. Frontiers in Cardiovascular Medicine, 2020, 7, 115.	2.4	15
39	Pulmonary Vein Isolation With Single Pulse Irreversible Electroporation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008192.	4.8	62
40	Cellular and Molecular Mechanism of Cardiac Regeneration: A Comparison of Newts, Zebrafish, and Mammals. Biomolecules, 2020, 10, 1204.	4.0	13
41	Damage-Associated Molecular Patterns in Myocardial Infarction and Heart Transplantation: The Road to Translational Success. Frontiers in Immunology, 2020, 11, 599511.	4.8	60
42	Development of an algorithm for automatic classification of right ventricle deformation patterns in arrhythmogenic right ventricular cardiomyopathy. Echocardiography, 2020, 37, 698-705.	0.9	2
43	Echocardiography and MRI parameters associated with exercise capacity in patients after the arterial switch operation. Journal of Cardiology, 2020, 76, 280-286.	1.9	1
44	The utility of the oxygen pulse recovery as a marker of the cardiac output response to exercise in patients with chronic heart failure. Clinical Physiology and Functional Imaging, 2020, 40, 328-335.	1.2	1
45	Automatic Triage of 12â€Lead ECGs Using Deep Convolutional Neural Networks. Journal of the American Heart Association, 2020, 9, e015138.	3.7	42
46	Loss of miR-132/212 Has No Long-Term Beneficial Effect on Cardiac Function After Permanent Coronary Occlusion in Mice. Frontiers in Physiology, 2020, 11, 590.	2.8	4
47	Epinephrine stress testing during cardiac catheterization in patients with aortic coarctation. American Heart Journal, 2020, 225, 78-87.	2.7	4
48	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. Lancet Haematology,the, 2020, 7, e295-e308.	4.6	38
49	Wnt Activation and Reduced Cell-Cell Contact Synergistically Induce Massive Expansion of Functional Human iPSC-Derived Cardiomyocytes. Cell Stem Cell, 2020, 27, 50-63.e5.	11.1	112
50	Control of Angiogenesis via a VHL/miR-212/132 Axis. Cells, 2020, 9, 1017.	4.1	12
51	Prognostic biomarker soluble ST2 exhibits diurnal variation in chronic heart failure patients. ESC Heart Failure, 2020, 7, 1224-1233.	3.1	20
52	Publication rate in preclinical research: a plea for preregistrationPublication rate in preclinical research: a plea for preregistration. BMJ Open Science, 2020, 44, e100051.	1.7	25
53	Atrioventricular optimization in cardiac resynchronization therapy with quadripolar leads: should we optimize every pacing configuration including multi-point pacing?. Europace, 2019, 21, e11-e19.	1.7	8
54	Hemodynamic Optimization in CardiacÂResynchronization Therapy. JACC: Clinical Electrophysiology, 2019, 5, 1013-1025.	3.2	14

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55	Epoetin Beta and Câ€Terminal Fibroblast Growth Factor 23 in Patients With Chronic Heart Failure and Chronic Kidney Disease. Journal of the American Heart Association, 2019, 8, e011130.	3.7	15
56	3D Myocardial Scar Prediction Model Derived from Multimodality Analysis of Electromechanical Mapping and Magnetic Resonance Imaging. Journal of Cardiovascular Translational Research, 2019, 12, 517-527.	2.4	4
57	In vitro analysis of the origin and characteristics of gaseous microemboli during catheter electroporation ablation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2071-2079.	1.7	26
58	Subjective cognitive decline, brain imaging biomarkers, and cognitive functioning in patients with a history of vascular disease: the SMART-Medea study. Neurobiology of Aging, 2019, 84, 33-40.	3.1	17
59	Injectable Supramolecular Ureidopyrimidinone Hydrogels Provide Sustained Release of Extracellular Vesicle Therapeutics. Advanced Healthcare Materials, 2019, 8, e1900847.	7.6	61
60	Increased circulating IgG levels, myocardial immune cells and IgG deposits support a role for an immune response in preâ€and endâ€stage heart failure. Journal of Cellular and Molecular Medicine, 2019, 23, 7505-7516.	3.6	26
61	Medium-term systemic blood pressure after stenting of aortic coarctation: a systematic review and meta-analysis. Heart, 2019, 105, 1464-1470.	2.9	15
62	Leducq Transatlantic Network of Excellence to Cure Phospholamban-Induced Cardiomyopathy (CURE-PLaN). Circulation Research, 2019, 125, 720-724.	4.5	14
63	The influence of LV geometry on the occurrence of abnormal exercise tests in athletes. BMC Cardiovascular Disorders, 2019, 19, 6.	1.7	0
64	Incidence and predictors of implantable cardioverter-defibrillator therapy and its complications in idiopathic ventricular fibrillation patients. Europace, 2019, 21, 1519-1526.	1.7	20
65	Anti-fibrotic Effects of Cardiac Progenitor Cells in a 3D-Model of Human Cardiac Fibrosis. Frontiers in Cardiovascular Medicine, 2019, 6, 52.	2.4	27
66	Validation of a novel stand-alone software tool for image guided cardiac catheter therapy. International Journal of Cardiovascular Imaging, 2019, 35, 225-235.	1.5	7
67	Multimodality imaging for real-time image-guided left ventricular lead placement during cardiac resynchronization therapy implantations. International Journal of Cardiovascular Imaging, 2019, 35, 1327-1337.	1.5	15
68	Are there gender disparities in symptom presentation or triage of patients with chest discomfort at primary care out-of-hours services? An observational study. BMJ Open, 2019, 9, e031613.	1.9	9
69	Potential of mesenchymal- and cardiac progenitor cells for therapeutic targeting of B-cells and antibody responses in end-stage heart failure. PLoS ONE, 2019, 14, e0227283.	2.5	9
70	Cancer Therapy-Related CardiacÂDysfunction of NonanthracyclineÂChemotherapeutics. JACC: CardioOncology, 2019, 1, 280-290.	4.0	12
71	O2 Pulse Patterns in Male Master Athletes with Normal and Abnormal Exercise Tests. Medicine and Science in Sports and Exercise, 2019, 51, 12-18.	0.4	9
72	High-Frequency Biomarker Measurements of Troponin, NT-proBNP, and C-Reactive Protein for Prediction of New Coronary Events After Acute Coronary Syndrome. Circulation, 2019, 139, 134-136.	1.6	26

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73	Oneâ€year clinical outcomes of patients treated with polymerâ€free amphilimusâ€eluting stents or zotarolimusâ€eluting stents: A propensityâ€score adjusted analysis. Catheterization and Cardiovascular Interventions, 2019, 94, 61-69.	1.7	8
74	Randomized All-Comers Evaluation of a Permanent Polymer Zotarolimus-Eluting Stent Versus a Polymer-Free Amphilimus-Eluting Stent. Circulation, 2019, 139, 67-77.	1.6	33
75	The Prognostic Value of RightÂVentricularÂDeformation Imaging inÂEarlyÂArrhythmogenic RightÂVentricular Cardiomyopathy. JACC: Cardiovascular Imaging, 2019, 12, 446-455.	5.3	64
76	Lower retention after retrograde coronary venous infusion compared with intracoronary infusion of mesenchymal stromal cells in the infarcted porcine myocardium. BMJ Open Science, 2019, 3, e000006.	1.7	5
77	Percutaneous Pulmonary Valve Implantation: Current Status and Future Perspectives. Current Cardiology Reviews, 2019, 15, 262-273.	1.5	10
78	Title is missing!. , 2019, 14, e0227283.		0
79	Title is missing!. , 2019, 14, e0227283.		0
80	Title is missing!. , 2019, 14, e0227283.		0
81	Title is missing!. , 2019, 14, e0227283.		0
82	Renin and aldosterone are not associated with vulnerable plaque characteristics in patients with carotid artery disease. Journal of Vascular Surgery, 2018, 68, 128-135.	1.1	1
83	Engineering CRISPR/Cpf1 with tRNA promotes genome editing capability in mammalian systems. Cellular and Molecular Life Sciences, 2018, 75, 3593-3607.	5.4	33
84	Decreased Quality of Life Due to Driving Restrictions After Cardioverter Defibrillator Implantation. Journal of Cardiovascular Nursing, 2018, 33, 474-480.	1.1	6
85	Retrograde Coronary Venous Infusion as a Delivery Strategy in Regenerative Cardiac Therapy: an Overview of Preclinical and Clinical Data. Journal of Cardiovascular Translational Research, 2018, 11, 173-181.	2.4	18
86	Pressure-Volume Loop Analysis of Multipoint Pacing With a Quadripolar LeftÂVentricular Lead in Cardiac Resynchronization Therapy. JACC: Clinical Electrophysiology, 2018, 4, 881-889.	3.2	18
87	Can We Use the Intrinsic Left Ventricular Delay (QLV) to Optimize the Pacing Configuration for Cardiac Resynchronization Therapy With a Quadripolar Left Ventricular Lead?. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005912.	4.8	22
88	HEART score performance in Asian and Caucasian patients presenting to the emergency department with suspected acute coronary syndrome. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 591-601.	1.0	10
89	Rationale and design of amphilimus sirolimusâ€eluting stents versus zotarolimusâ€eluting stents in allâ€comers requiring percutaneous coronary intervention (ReCre8): A multicenter randomized clinical trial. Catheterization and Cardiovascular Interventions, 2018, 91, 410-416.	1.7	9
90	Unexpected Cardiac Computed Tomography Findings in Patients With Postoperative Myocardial Injury. Anesthesia and Analgesia, 2018, 126, 1462-1468.	2.2	20

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91	Clinical outcomes of complex real-world diabetic patients treated with amphilimus sirolimus-eluting stents or zotarolimus-eluting stents: A single-center registry. Cardiovascular Revascularization Medicine, 2018, 19, 521-525.	0.8	4
92	PLN Foundation. Circulation Research, 2018, 123, 1276-1278.	4.5	6
93	RV adaptation to increased afterload in congenital heart disease and pulmonary hypertension. PLoS ONE, 2018, 13, e0205196.	2.5	13
94	Non-cardiac chest pain: prognosis and secondary healthcare utilisation. Open Heart, 2018, 5, e000859.	2.3	25
95	Modelling inherited cardiac disease using human induced pluripotent stem cell-derived cardiomyocytes: progress, pitfalls, and potential. Cardiovascular Research, 2018, 114, 1828-1842.	3.8	40
96	MMISH: Multicolor microRNA in situ hybridization for paraffin embedded samples. Biotechnology Reports (Amsterdam, Netherlands), 2018, 18, e00255.	4.4	11
97	Reference Values for Physical Stress Echocardiography in Asymptomatic Patients after Mitral Valve Repair. Frontiers in Surgery, 2018, 5, 6.	1.4	3
98	3D Hybrid Imaging for Structural and Congenital Heart Interventions in the Cath Lab. Structural Heart, 2018, 2, 362-371.	0.6	3
99	Tricuspid flow and regurgitation in congenital heart disease and pulmonary hypertension: comparison of 4D flow cardiovascular magnetic resonance and echocardiography. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 5.	3.3	32
100	Melt Electrowriting Allows Tailored Microstructural and Mechanical Design of Scaffolds to Advance Functional Human Myocardial Tissue Formation. Advanced Functional Materials, 2018, 28, 1803151.	14.9	125
101	Left ventricular function and exercise capacity after arterial switch operation for transposition of the great arteries: a systematic review and meta-analysis. Cardiology in the Young, 2018, 28, 895-902.	0.8	8
102	Novel method for electrode-tissue contact measurement with multi-electrode catheters. Europace, 2018, 20, 149-156.	1.7	15
103	Intramyocardial stem cell injection: go(ne) with the flow. European Heart Journal, 2017, 38, ehw056.	2.2	48
104	TriGuard^{â„¢} HDH embolic deflection device for cerebral protection during transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2017, 89, 470-477.	1.7	31
105	Evaluation of Structural Progression in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. JAMA Cardiology, 2017, 2, 293.	6.1	53
106	Next-generation sequencing of a large gene panel in patients initially diagnosed with idiopathic ventricular fibrillation. Heart Rhythm, 2017, 14, 1035-1040.	0.7	31
107	Leukocyte TLR5 deficiency inhibits atherosclerosis by reduced macrophage recruitment and defective T-cell responsiveness. Scientific Reports, 2017, 7, 42688.	3.3	15
108	Determinants of the postpericardiotomy syndrome: a systematic review. European Journal of Clinical Investigation, 2017, 47, 456-467.	3.4	16

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109	Renal denervation beyond the bifurcation: The effect of distal ablation placement on safety and blood pressure. Journal of Clinical Hypertension, 2017, 19, 371-378.	2.0	8
110	Effect of Using the HEART Score in Patients With Chest Pain in the Emergency Department. Annals of Internal Medicine, 2017, 166, 689.	3.9	149
111	Incidence of Pulmonary Vein Stenosis After Radiofrequency Catheter Ablation of AtrialÂFibrillation. JACC: Clinical Electrophysiology, 2017, 3, 589-598.	3.2	54
112	Relationship Between Lifelong Exercise Volume and Coronary Atherosclerosis in Athletes. Circulation, 2017, 136, 138-148.	1.6	195
113	Modeling the Human Scarred Heart In Vitro: Toward New Tissue Engineered Models. Advanced Healthcare Materials, 2017, 6, 1600571.	7.6	25
114	Uniform data collection in routine clinical practice in cardiovascular patients for optimal care, quality control and research: The Utrecht Cardiovascular Cohort. European Journal of Preventive Cardiology, 2017, 24, 840-847.	1.8	18
115	Acute and Long-Term Effects of Full-Power Electroporation Ablation Directly on the Porcine Esophagus. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	127
116	Circadian networks in human embryonic stem cellâ€derived cardiomyocytes. EMBO Reports, 2017, 18, 1199-1212.	4.5	61
117	Higher functionality of extracellular vesicles isolated using size-exclusion chromatography compared to ultracentrifugation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2061-2065.	3.3	268
118	Safety of Temporary Discontinuation of Antihypertensive Medication in Patients With Difficult-to-Control Hypertension. Hypertension, 2017, 69, 927-932.	2.7	22
119	New medicinal products for chronic heart failure: advances in clinical trial design and efficacy assessment. European Journal of Heart Failure, 2017, 19, 718-727.	7.1	17
120	Risk factors and prognosis of postpericardiotomy syndrome in patients undergoing valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 878-885.e1.	0.8	26
121	Neonatal rat cardiomyocytes as an in vitro model for circadian rhythms in the heart. Journal of Molecular and Cellular Cardiology, 2017, 112, 58-63.	1.9	24
122	SCA1 + Cells from the Heart Possess a Molecular Circadian Clock and Display Circadian Oscillations in Cellular Functions. Stem Cell Reports, 2017, 9, 762-769.	4.8	20
123	3D Whole-heart Myocardial Tissue Analysis. Journal of Visualized Experiments, 2017, , .	0.3	2
124	Echocardiographic Prediction of Cardiac Resynchronization Therapy Response Requires Analysis of Both Mechanical Dyssynchrony and Right Ventricular Function: A Combined Analysis ofÂPatient Data and Computer Simulations. Journal of the American Society of Echocardiography, 2017, 30, 1012-1020.e2.	2.8	25
125	Regional Left Ventricular Electrical Activation and Peak Contraction Are Closely Related in Candidates for CardiacÂResynchronization Therapy. JACC: Clinical Electrophysiology, 2017, 3, 854-862.	3.2	12
126	Cre-dependent Cas9-expressing pigs enable efficient in vivo genome editing. Genome Research, 2017, 27, 2061-2071.	5.5	54

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127	Sexâ€Based Differences in the Performance of the HEART Score in Patients Presenting to the Emergency Department With Acute Chest Pain. Journal of the American Heart Association, 2017, 6, .	3.7	27
128	A systematic comparison of cardiovascular magnetic resonance and high resolution histological fibrosis quantification in a chronic porcine infarct model. International Journal of Cardiovascular Imaging, 2017, 33, 1797-1807.	1.5	10
129	Leukocyte-Associated Immunoglobulin-like Receptor-1 is regulated in human myocardial infarction but its absence does not affect infarct size in mice. Scientific Reports, 2017, 7, 18039.	3.3	8
130	Analysis of 24-h Rhythm in Ventricular Repolarization Identifies QT Diurnality As a Novel Clinical Parameter Associated with Previous Ventricular Arrhythmias in Heart Failure Patients. Frontiers in Physiology, 2017, 8, 590.	2.8	13
131	Variation within Variation: Comparison of 24-h Rhythm in Rodent Infarct Size between Ischemia Reperfusion and Permanent Ligation. International Journal of Molecular Sciences, 2017, 18, 1670.	4.1	9
132	Cardiac-released extracellular vesicles can activate endothelial cells. Annals of Translational Medicine, 2017, 5, 64-64.	1.7	11
133	Targeting chronic cardiac remodeling with cardiac progenitor cells in a murine model of ischemia/reperfusion injury. PLoS ONE, 2017, 12, e0173657.	2.5	7
134	Percutaneous Device to Narrow the Coronary Sinus: Shifting Paradigm in the Treatment of Refractory Angina? A Review of the Literature. Frontiers in Cardiovascular Medicine, 2016, 3, 42.	2.4	10
135	16-68: Right ventricular dysfunction complicates prediction of response to cardiac resynchronization therapy by mechanical dyssynchrony parameters: combined clinical-modeling approach. Europace, 2016, 18, i17-i17.	1.7	0
136	Prolonged Electromechanical Interval Unmasks Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy in the Subclinical Stage. Journal of Cardiovascular Electrophysiology, 2016, 27, 303-314.	1.7	18
137	Circulating Extracellular Vesicles Contain miRNAs and are Released as Early Biomarkers for Cardiac Injury. Journal of Cardiovascular Translational Research, 2016, 9, 291-301.	2.4	59
138	Prognostic Factors in Chest Pain Patients. Critical Pathways in Cardiology, 2016, 15, 50-55.	0.5	15
139	The relation between cardiac output kinetics and skeletal muscle oxygenation during moderate exercise in moderately impaired patients with chronic heart failure. Journal of Applied Physiology, 2016, 121, 198-204.	2.5	10
140	Cohort profile of BIOMArCS: the BIOMarker study to identify the Acute risk of a Coronary Syndromeâ€"a prospective multicentre biomarker study conducted in the Netherlands. BMJ Open, 2016, 6, e012929.	1.9	18
141	Isolation of Pig Bone Marrow-Derived Mesenchymal Stem Cells. Methods in Molecular Biology, 2016, 1416, 225-232.	0.9	11
142	Sepsis-associated cardiac dysfunction is controlled by small RNA molecules. Journal of Molecular and Cellular Cardiology, 2016, 97, 67-69.	1.9	11
143	Stem cell-based therapy: Improving myocardial cell delivery. Advanced Drug Delivery Reviews, 2016, 106, 104-115.	13.7	36
144	Comparative assessment of the antirestenotic efficacy of two paclitaxel drug-eluting balloons with different coatings in the treatment of in-stent restenosis. Clinical Research in Cardiology, 2016, 105, 401-411.	3.3	25

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145	Idiopathic Ventricular Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	72
146	Exosomes from Cardiomyocyte Progenitor Cells and Mesenchymal Stem Cells Stimulate Angiogenesis Via EMMPRIN. Advanced Healthcare Materials, 2016, 5, 2555-2565.	7.6	158
147	No benefit of additional treatment with exenatide in patients with an acute myocardial infarction. International Journal of Cardiology, 2016, 220, 809-814.	1.7	35
148	Cardiac-Derived Extracellular Matrix Enhances Cardiogenic Properties of Human Cardiac Progenitor Cells. Cell Transplantation, 2016, 25, 1653-1663.	2.5	58
149	Cardiac Hepcidin Expression Associates with Injury Independent of Iron. American Journal of Nephrology, 2016, 44, 368-378.	3.1	18
150	Effect of New Cerebral Ischemic Lesions on the Delirium Occurrence After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2016, 68, 1489-1490.	2.8	14
151	52 Genetic Loci Influencing MyocardialÂMass. Journal of the American College of Cardiology, 2016, 68, 1435-1448.	2.8	113
152	One-Year Mortality, Causes of Death, and Cardiac Interventions in Patients with Postoperative Myocardial Injury. Anesthesia and Analgesia, 2016, 123, 29-37.	2.2	76
153	Effects of high-intensity interval training on central haemodynamics and skeletal muscle oxygenation during exercise in patients with chronic heart failure. European Journal of Preventive Cardiology, 2016, 23, 1943-1952.	1.8	28
154	Long-Term Outcome of Patients Initially Diagnosed With Idiopathic Ventricular Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	41
155	Right Ventricular Imaging and Computer Simulation for Electromechanical Substrate Characterization in Arrhythmogenic Right Ventricular Cardiomyopathy. Journal of the American College of Cardiology, 2016, 68, 2185-2197.	2.8	52
156	Primary Outcome Assessment in a Pig Model of Acute Myocardial Infarction. Journal of Visualized Experiments, 2016, , .	0.3	12
157	Occult coronary artery disease in middle-aged sportsmen with a low cardiovascular risk score: The Measuring Athleteâ€™s Risk of Cardiovascular Events (MARC) study. European Journal of Preventive Cardiology, 2016, 23, 1677-1684.	1.8	47
158	Gelatin Microspheres as Vehicle for Cardiac Progenitor Cells Delivery to the Myocardium. Advanced Healthcare Materials, 2016, 5, 1071-1079.	7.6	42
159	Incidence, Predictive Factors, and Effect ofÂDelirium After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2016, 9, 160-168.	2.9	75
160	Ethnic differences in clinical outcome of patients presenting to the emergency department with chest pain. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 32-40.	1.0	7
161	Relationship Between Reverse Remodeling and Cardiopulmonary Exercise Capacity in Heart Failure Patients Undergoing Cardiac Resynchronization Therapy. Journal of Cardiac Failure, 2016, 22, 385-394.	1.7	10
162	Cardiac Stem Cell Treatment in Myocardial Infarction. Circulation Research, 2016, 118, 1223-1232.	4.5	138

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163	Five-year efficacy of pulmonary vein antrum isolation as a primary ablation strategy for atrial fibrillation: a single-centre cohort study. Europace, 2016, 18, 1335-1342.	1.7	39
164	Translational failure of anti-inflammatory compounds for myocardial infarction: a meta-analysis of large animal models. Cardiovascular Research, 2016, 109, 240-248.	3.8	31
165	Improving usual care after sudden death in the young with focus on inherited cardiac diseases (the) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	29
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