

Derek J Hausenloy

List of Publications by Year in descending order

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Version: 2024-02-01

333
papers

32,843
citations

4658

85
h-index

4548

171
g-index

356
all docs

356
docs citations

356
times ranked

24289
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote Ischaemic Conditioning in STEMI Patients in Sub-Saharan AFRICA: Rationale and Study Design for the RIC-AFRICA Trial. <i>Cardiovascular Drugs and Therapy</i> , 2023, 37, 299-305.	2.6	5
2	Inhibiting cardiac myeloperoxidase alleviates the relaxation defect in hypertrophic cardiomyocytes. <i>Cardiovascular Research</i> , 2022, 118, 517-530.	3.8	27
3	Hydralazine protects the heart against acute ischaemia/reperfusion injury by inhibiting Drp1-mediated mitochondrial fission. <i>Cardiovascular Research</i> , 2022, 118, 282-294.	3.8	31
4	Sustainable low-field cardiovascular magnetic resonance in changing healthcare systems. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e246-e260.	1.2	17
5	Comparison of Mortality Outcomes in Acute Myocardial Infarction Patients With or Without Standard Modifiable Cardiovascular Risk Factors. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 876465.	2.4	12
6	Negative interaction between nitrates and remote ischemic preconditioning in patients undergoing cardiac surgery: the ERIC-GTN and ERICCA studies. <i>Basic Research in Cardiology</i> , 2022, 117, .	5.9	5
7	Sustained subcutaneous delivery of secretome of human cardiac stem cells promotes cardiac repair following myocardial infarction. <i>Cardiovascular Research</i> , 2021, 117, 918-929.	3.8	43
8	Effect of remote ischaemic conditioning on platelet reactivity and endogenous fibrinolysis in ST-elevation myocardial infarction: a substudy of the CONDI-2/ERIC-PPCI randomized controlled trial. <i>Cardiovascular Research</i> , 2021, 117, 623-634.	3.8	13
9	Human-induced pluripotent stem cells for modelling metabolic perturbations and impaired bioenergetics underlying cardiomyopathies. <i>Cardiovascular Research</i> , 2021, 117, 694-711.	3.8	10
10	Improving translational research in sex-specific effects of comorbidities and risk factors in ischaemic heart disease and cardioprotection: position paper and recommendations of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021, 117, 367-385.	3.8	53
11	T and Small Protrusion (TAP) vs Double-Kissing Crush Technique: Insights From In Vitro Models. <i>Cardiovascular Revascularization Medicine</i> , 2021, 24, 11-17.	0.8	5
12	Procedural myocardial injury, infarction and mortality in patients undergoing elective PCI: a pooled analysis of patient-level data. <i>European Heart Journal</i> , 2021, 42, 323-334.	2.2	68
13	Intercellular Communication in the Heart: Therapeutic Opportunities for Cardiac Ischemia. <i>Trends in Molecular Medicine</i> , 2021, 27, 248-262.	6.7	45
14	Effect of COMBinAtion therapy with remote ischemic conditioning and exenatide on the Myocardial Infarct size: a two-by-two factorial randomized trial (COMBAT-MI). <i>Basic Research in Cardiology</i> , 2021, 116, 4.	5.9	25
15	Discovery of new therapeutic redox targets for cardioprotection against ischemia/reperfusion injury and heart failure. <i>Free Radical Biology and Medicine</i> , 2021, 163, 325-343.	2.9	48
16	Vascular conditioning prevents adverse left ventricular remodelling after acute myocardial infarction: a randomised remote conditioning study. <i>Basic Research in Cardiology</i> , 2021, 116, 9.	5.9	24
17	Association between smoking status and outcomes in myocardial infarction patients undergoing percutaneous coronary intervention. <i>Scientific Reports</i> , 2021, 11, 6466.	3.3	19
18	Acute administration of the olive constituent, oleuropein, combined with ischemic postconditioning increases myocardial protection by modulating oxidative defense. <i>Free Radical Biology and Medicine</i> , 2021, 166, 18-32.	2.9	14

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19	Phosphatidylserine Supplementation as a Novel Strategy for Reducing Myocardial Infarct Size and Preventing Adverse Left Ventricular Remodeling. International Journal of Molecular Sciences, 2021, 22, 4401.	4.1	11
20	Oxidative stress in cardiac hypertrophy: From molecular mechanisms to novel therapeutic targets. Free Radical Biology and Medicine, 2021, 166, 297-312.	2.9	60
21	AMP-activated protein kinase: A remarkable contributor to preserve a healthy heart against ROS injury. Free Radical Biology and Medicine, 2021, 166, 238-254.	2.9	52
22	Prognostically relevant periprocedural myocardial injury and infarction associated with percutaneous coronary interventions: a Consensus Document of the ESC Working Group on Cellular Biology of the Heart and European Association of Percutaneous Cardiovascular Interventions (EAPCI). European Heart Journal, 2021, 42, 2630-2642.	2.2	69
23	Translation of experimental cardioprotective capability of P2Y12 inhibitors into clinical outcome in patients with ST-elevation myocardial infarction. Basic Research in Cardiology, 2021, 116, 36.	5.9	16
24	Combining Invasive Coronary Physiology With CMR for Long-Term Risk-Stratification in STEMI. JACC: Cardiovascular Imaging, 2021, 14, 1960-1962.	5.3	0
25	Special issue "Implications of oxidative stress and redox biochemistry for heart disease and cardioprotection - The EU-CARDIOPROTECTION COST action (CA16225)" Free Radical Biology and Medicine, 2021, 171, 314-318.	2.9	3
26	Circadian rhythms in ischaemic heart disease: key aspects for preclinical and translational research: position paper of the ESC working group on cellular biology of the heart. Cardiovascular Research, 2021, , .	3.8	10
27	IMproving Preclinical Assessment of Cardioprotective Therapies (IMPACT) criteria: guidelines of the EU-CARDIOPROTECTION COST Action. Basic Research in Cardiology, 2021, 116, 52.	5.9	73
28	Cardioprotective effect of combination therapy by mild hypothermia and local or remote ischemic preconditioning in isolated rat hearts. Scientific Reports, 2021, 11, 265.	3.3	2
29	Lipid profiles and outcomes of patients with prior cancer and subsequent myocardial infarction or stroke. Scientific Reports, 2021, 11, 21167.	3.3	5
30	Optimal glucose, HbA1c, glucose-HbA1c ratio and stress-hyperglycaemia ratio cut-off values for predicting 1-year mortality in diabetic and non-diabetic acute myocardial infarction patients. Cardiovascular Diabetology, 2021, 20, 211.	6.8	27
31	Neutralizing IL-11 antibody reduces vessel hyperplasia in a mouse carotid artery wire injury model. Scientific Reports, 2021, 11, 20674.	3.3	11
32	Effect of remote ischaemic conditioning on infarct size and remodelling in ST-segment elevation myocardial infarction patients: the CONDI-2/ERIC-PPCI CMR substudy. Basic Research in Cardiology, 2021, 116, 59.	5.9	13
33	Appropriate criteria for the definition of Type 4a MI. European Heart Journal, 2021, , .	2.2	2
34	Prognostically relevant cardiac troponin elevations with percutaneous coronary interventions. European Heart Journal, 2021, , .	2.2	1
35	Feasibility to Perform T ₂ * Mapping Postcontrast Administration in Reperfused STEMI Patients for the Detection of Intramyocardial Hemorrhage. Journal of Magnetic Resonance Imaging, 2020, 51, 644-645.	3.4	1
36	Comorbidities and comedications as confounders of cardioprotection: Does it matter in the clinical setting?. British Journal of Pharmacology, 2020, 177, 5252-5269.	5.4	90

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37	The Fourth European-South African Cardiovascular Research Workshop. <i>European Heart Journal</i> , 2020, 41, 203-204.	2.2	0
38	Remote Ischemic Conditioning in Emergency Medicine—Clinical Frontiers and Research Opportunities. <i>Shock</i> , 2020, 53, 269-276.	2.1	12
39	Myeloperoxidase As a Multifaceted Target for Cardiovascular Protection. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1135-1149.	5.4	42
40	Ageing, sex, and cardioprotection. <i>British Journal of Pharmacology</i> , 2020, 177, 5270-5286.	5.4	46
41	Risk factors, comorbidities, and comedications in cardioprotection: Importance for translation. <i>British Journal of Pharmacology</i> , 2020, 177, 5249-5251.	5.4	8
42	Mitochondria in acute myocardial infarction and cardioprotection. <i>EBioMedicine</i> , 2020, 57, 102884.	6.1	148
43	Response to the letter to the editor regarding the study “Impact of time of onset of symptom of ST-segment elevation myocardial infarction on 1-year rehospitalization for heart failure and mortality” published in the <i>American Heart Journal</i> . <i>American Heart Journal</i> , 2020, 228, 117-118.	2.7	0
44	Beta-blockers and renin-angiotensin system inhibitors in acute myocardial infarction managed with in-hospital coronary revascularization. <i>Scientific Reports</i> , 2020, 10, 15184.	3.3	12
45	A future for remote ischaemic conditioning in high-risk patients. <i>Basic Research in Cardiology</i> , 2020, 115, 35.	5.9	31
46	Targeting mitochondrial fusion and fission proteins for cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6571-6585.	3.6	63
47	Neutrophils Modulate Fibroblast Function and Promote Healing and Scar Formation after Murine Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3685.	4.1	28
48	Mitochondrial ion channels as targets for cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7102-7114.	3.6	48
49	Long-term Prognostic Value of Cardiac MRI Left Atrial Strain in ST-Segment Elevation Myocardial Infarction. <i>Radiology</i> , 2020, 296, 299-309.	7.3	43
50	Effect of remote ischemic preconditioning on liver injury in patients undergoing liver resection: the ERIC-LIVER trial. <i>Hpb</i> , 2020, 22, 1250-1257.	0.3	11
51	Effect of hyperglycaemia and diabetes on acute myocardial ischaemia—reperfusion injury and cardioprotection by ischaemic conditioning protocols. <i>British Journal of Pharmacology</i> , 2020, 177, 5312-5335.	5.4	68
52	Impact of time of onset of symptom of ST-segment elevation myocardial infarction on 1-year rehospitalization for heart failure and mortality. <i>American Heart Journal</i> , 2020, 224, 1-9.	2.7	3
53	Editorial: New Advances in RNA Targeting. <i>Frontiers in Pharmacology</i> , 2020, 11, 468.	3.5	1
54	Diabetic Cardiomyopathy and Ischemic Heart Disease: Prevention and Therapy by Exercise and Conditioning. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2896.	4.1	38

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55	The Lipid Paradox is present in ST-elevation but not in non-ST-elevation myocardial infarction patients: Insights from the Singapore Myocardial Infarction Registry. <i>Scientific Reports</i> , 2020, 10, 6799.	3.3	18
56	Repeated Remote Ischemic Conditioning Protects Against Doxorubicin Cardiotoxicity. <i>JACC: CardioOncology</i> , 2020, 2, 53-55.	4.0	3
57	Periprocedural elevated myocardial biomarkers and clinical outcomes following elective percutaneous coronary intervention: a comprehensive dose-response meta-analysis of 44,972 patients from 24 prospective studies. <i>EuroIntervention</i> , 2020, 15, 1444-1450.	3.2	20
58	Mitochondrial shaping proteins as novel treatment targets for cardiomyopathies. <i>Conditioning Medicine</i> , 2020, 3, 216-226.	1.3	2
59	Mechanisms underlying diabetic cardiomyopathy: From pathophysiology to novel therapeutic targets. <i>Conditioning Medicine</i> , 2020, 3, 82-97.	1.3	3
60	Nanoparticle delivery of cardioprotective therapies. <i>Conditioning Medicine</i> , 2020, 3, 18-30.	1.3	0
61	Extracellular vesicles - mediating and delivering cardioprotection in acute myocardial infarction and heart failure. <i>Conditioning Medicine</i> , 2020, 3, 227-238.	1.3	1
62	Independent Predictors of Cardiac Mortality and Hospitalization for Heart Failure in a Multi-Ethnic Asian ST-segment Elevation Myocardial Infarction Population Treated by Primary Percutaneous Coronary Intervention. <i>Scientific Reports</i> , 2019, 9, 10072.	3.3	15
63	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials. <i>Journal of the American College of Cardiology</i> , 2019, 74, 238-256.	2.8	235
64	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019, 125, 245-258.	4.5	140
65	David Garcia-Dorado: a true pioneer in cardiac ischaemia/reperfusion injury. <i>Cardiovascular Research</i> , 2019, 115, e177-e180.	3.8	0
66	Why did remote ischaemic conditioning not improve clinical outcomes in acute myocardial infarction in the CONDI-2/ERIC-PPCI trial?. <i>Cardiovascular Research</i> , 2019, 115, e161-e163.	3.8	24
67	Targeting Mitochondrial Fission Using Mdivi-1 in a Clinically Relevant Large Animal Model of Acute Myocardial Infarction: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3972.	4.1	50
68	Effect of remote ischaemic conditioning on clinical outcomes in patients with acute myocardial infarction (CONDI-2/ERIC-PPCI): a single-blind randomised controlled trial. <i>Lancet, The</i> , 2019, 394, 1415-1424.	13.7	223
69	The Role of O-GlcNAcylation for Protection against Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2019, 20, 404.	4.1	40
70	ESC Working Group on Cellular Biology of the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure. <i>Cardiovascular Research</i> , 2019, 115, 488-500.	3.8	90
71	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. <i>New England Journal of Medicine</i> , 2019, 380, 2418-2428.	27.0	326
72	Interrogation of the infarcted and salvaged myocardium using multi-parametric mapping cardiovascular magnetic resonance in reperfused ST-segment elevation myocardial infarction patients. <i>Scientific Reports</i> , 2019, 9, 9056.	3.3	1

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73	Time-stratified Case Crossover Study of the Association of Outdoor Ambient Air Pollution With the Risk of Acute Myocardial Infarction in the Context of Seasonal Exposure to the Southeast Asian Haze Problem. <i>Journal of the American Heart Association</i> , 2019, 8, e011272.	3.7	36
74	Role of Macrophages in Cardioprotection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2474.	4.1	47
75	Effect of Ischemic Preconditioning and Postconditioning on Exosome-Rich Fraction microRNA Levels, in Relation with Electrophysiological Parameters and Ventricular Arrhythmia in Experimental Closed-Chest Reperfused Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2140.	4.1	28
76	Translating Cardioprotection for Patient Benefit. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2001-2003.	2.8	9
77	Immune cells as targets for cardioprotection: new players and novel therapeutic opportunities. <i>Cardiovascular Research</i> , 2019, 115, 1117-1130.	3.8	125
78	Sex Differences in 1-Year Rehospitalization for Heart Failure and Myocardial Infarction After Primary Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2019, 123, 1935-1940.	1.6	2
79	Shining the spotlight on cardioprotection: beyond the cardiomyocyte. <i>Cardiovascular Research</i> , 2019, 115, 1115-1116.	3.8	6
80	Cardiac innervation in acute myocardial ischaemia/reperfusion injury and cardioprotection. <i>Cardiovascular Research</i> , 2019, 115, 1167-1177.	3.8	37
81	Mineralocorticoid receptor antagonist pre-treatment and early post-treatment to minimize reperfusion injury after ST-elevation myocardial infarction: The MINIMIZE STEMI trial. <i>American Heart Journal</i> , 2019, 211, 60-67.	2.7	18
82	Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. <i>Cardiovascular Research</i> , 2019, 115, 625-636.	3.8	31
83	Platelet inhibition to target reperfusion injury trial: Rationale and study design. <i>Clinical Cardiology</i> , 2019, 42, 5-12.	1.8	15
84	The coronary circulation in acute myocardial ischaemia/reperfusion injury: a target for cardioprotection. <i>Cardiovascular Research</i> , 2019, 115, 1143-1155.	3.8	151
85	Sevoflurane, Propofol and Carvedilol Block Myocardial Protection by Limb Remote Ischemic Preconditioning. <i>International Journal of Molecular Sciences</i> , 2019, 20, 269.	4.1	33
86	FURIN Inhibition Reduces Vascular Remodeling and Atherosclerotic Lesion Progression in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 387-401.	2.4	51
87	Multitarget Strategies to Reduce Myocardial Ischemia/Reperfusion Injury. <i>Journal of the American College of Cardiology</i> , 2019, 73, 89-99.	2.8	484
88	Air pollution in relation to very short-term risk of ST-segment elevation myocardial infarction: Case-crossover analysis of SWEDEHEART. <i>International Journal of Cardiology</i> , 2019, 275, 26-30.	1.7	16
89	Is there a role for remote ischemic conditioning in preventing 5-fluorouracil-induced coronary vasospasm?. <i>Conditioning Medicine</i> , 2019, 2, 204-212.	1.3	1
90	Chronic remote ischemic conditioning for cardiovascular protection. <i>Conditioning Medicine</i> , 2019, 2, 164-169.	1.3	7

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91	INDUCED PLURIPOTENT STEM CELLS FOR MODELLING ENERGETIC ALTERATIONS IN HYPERTROPHIC CARDIOMYOPATHY. <i>Conditioning Medicine</i> , 2019, 2, 142-151.	1.3	3
92	An automated workflow for segmenting single adult cardiac cells from large-volume serial block-face scanning electron microscopy data. <i>Journal of Structural Biology</i> , 2018, 202, 275-285.	2.8	27
93	Letter by Bulluck and Hausenloy Regarding Article, "Dynamic Edematous Response of the Human Heart to Myocardial Infarction: Implications for Assessing Myocardial Area at Risk and Salvage": <i>Circulation</i> , 2018, 137, 1748-1749.	1.6	0
94	Non-coding RNAs as therapeutic targets for preventing myocardial ischemia-reperfusion injury. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 247-261.	3.4	80
95	Inflammation following acute myocardial infarction: Multiple players, dynamic roles, and novel therapeutic opportunities. , 2018, 186, 73-87.		533
96	Extracellular vesicles in diagnostics and therapy of the ischaemic heart: Position Paper from the Working Group on Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018, 114, 19-34.	3.8	284
97	Cardiovascular Magnetic Resonance in Acute ST-Segment Elevation Myocardial Infarction. <i>Circulation</i> , 2018, 137, 1949-1964.	1.6	128
98	Mitochondrial fission protein Drp1 inhibition promotes cardiac mesodermal differentiation of human pluripotent stem cells. <i>Cell Death Discovery</i> , 2018, 4, 39.	4.7	61
99	Hybrid PET/CT and PET/MRI imaging of vulnerable coronary plaque and myocardial scar tissue in acute myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 2001-2011.	2.1	41
100	Risk Stratification by Cardiovascular Magnetic Resonance After Reperfused ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 826-828.	5.3	1
101	Neutrophil gelatinase-associated lipocalin prior to cardiac surgery predicts acute kidney injury and mortality. <i>Heart</i> , 2018, 104, 313-317.	2.9	16
102	Coronary Microvascular Injury in Reperfused Acute Myocardial Infarction: A View From an Integrative Perspective. <i>Journal of the American Heart Association</i> , 2018, 7, e009949.	3.7	61
103	Fatty acid metabolism driven mitochondrial bioenergetics promotes advanced developmental phenotypes in human induced pluripotent stem cell derived cardiomyocytes. <i>International Journal of Cardiology</i> , 2018, 272, 288-297.	1.7	37
104	Modulating NAD+ metabolism to prevent acute kidney injury. <i>Nature Medicine</i> , 2018, 24, 1306-1307.	30.7	14
105	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. <i>Basic Research in Cardiology</i> , 2018, 113, 39.	5.9	311
106	Impact of Cardioprotective Therapies on the Edema-Based Area at Risk by CMR in Reperfused STEMI. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2856-2858.	2.8	9
107	Strategies for Reducing Myocardial Infarct Size Following STEMI. , 2018, , 307-322.		3
108	The Role of Redox Dysregulation in the Inflammatory Response to Acute Myocardial Ischaemia-reperfusion Injury - Adding Fuel to the Fire. <i>Current Medicinal Chemistry</i> , 2018, 25, 1275-1293.	2.4	50

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109	Remote ischemic conditioning in ST-segment elevation myocardial infarction - an update. <i>Conditioning Medicine</i> , 2018, 1, 13-22.	1.3	13
110	MiD49 and MiD51: New mediators of mitochondrial fission and novel targets for cardioprotection. <i>Conditioning Medicine</i> , 2018, 1, 239-246.	1.3	19
111	Targeting reperfusion injury in patients with ST-segment elevation myocardial infarction: trials and tribulations. <i>European Heart Journal</i> , 2017, 38, ehw145.	2.2	220
112	Sequential activation of different pathway networks in ischemia-affected and non-affected myocardium, inducing intrinsic remote conditioning to prevent left ventricular remodeling. <i>Scientific Reports</i> , 2017, 7, 43958.	3.3	33
113	Diagnostic performance of T_1 and T_2 mapping to detect intramyocardial hemorrhage in reperfused ST-segment elevation myocardial infarction (STEMI) patients. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 877-886.	3.4	24
114	Invasive Assessment of the Coronary Microcirculation in Reperfused ST-Segment Elevation Myocardial Infarction Patients. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	45
115	Myocardial Infarct Size by CMR in Clinical Cardioprotection Studies. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 230-240.	5.3	78
116	Mitochondrial-Shaping Proteins in Cardiac Health and Disease – the Long and the Short of It!. <i>Cardiovascular Drugs and Therapy</i> , 2017, 31, 87-107.	2.6	75
117	Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2017, 113, 725-736.	3.8	114
118	Nanoparticle delivery of mitoprotective agents to target ischemic heart disease. <i>Future Cardiology</i> , 2017, 13, 195-198.	1.2	12
119	Age and Surgical Complexity impact on Renoprotection by Remote Ischemic Preconditioning during Adult Cardiac Surgery: A Meta analysis. <i>Scientific Reports</i> , 2017, 7, 215.	3.3	19
120	Reply to “Circadian variation in acute myocardial infarction size: Likely involvement of the melatonin and suprachiasmatic nuclei”. <i>International Journal of Cardiology</i> , 2017, 235, 192-193.	1.7	1
121	Novel targets and future strategies for acute cardioprotection: Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2017, 113, 564-585.	3.8	278
122	Effects of delayed remote ischemic preconditioning on peri-operative myocardial injury in patients undergoing cardiac surgery – A randomized controlled trial. <i>International Journal of Cardiology</i> , 2017, 227, 511-515.	1.7	23
123	Circadian variation in acute myocardial infarct size assessed by cardiovascular magnetic resonance in reperfused STEMI patients. <i>International Journal of Cardiology</i> , 2017, 230, 149-154.	1.7	31
124	Assessing the effects of mitofusin 2 deficiency in the adult heart using 3D electron tomography. <i>Physiological Reports</i> , 2017, 5, e13437.	1.7	11
125	Combination Therapy to Target Reperfusion Injury After ST-Segment Elevation Myocardial Infarction. <i>Circulation</i> , 2017, 136, 904-906.	1.6	18
126	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Peri-operative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2017, 38, 2392-2411.	2.2	118

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127	Quantifying the area-at-risk of myocardial infarction in-vivo using arterial spin labeling cardiac magnetic resonance. <i>Scientific Reports</i> , 2017, 7, 2271.	3.3	11
128	Melatonin as a cardioprotective therapy following ST-segment elevation myocardial infarction: is it really promising? Reply. <i>Cardiovascular Research</i> , 2017, 113, 1418-1419.	3.8	11
129	Redefining viability by cardiovascular magnetic resonance in acute ST-segment elevation myocardial infarction. <i>Scientific Reports</i> , 2017, 7, 14676.	3.3	11
130	Full left ventricular coverage is essential for the accurate quantification of the area-at-risk by T1 and T2 mapping. <i>Scientific Reports</i> , 2017, 7, 4871.	3.3	6
131	Mapping Myocardial Salvage Index by Extracellular Volume Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	3
132	Is there a role for ischaemic conditioning in cardiac surgery?. <i>F1000Research</i> , 2017, 6, 563.	1.6	10
133	Unique morphological characteristics of mitochondrial subtypes in the heart: the effect of ischemia and ischemic preconditioning. <i>Discoveries</i> , 2017, 5, e71.	2.3	21
134	Intrinsic remote conditioning of the myocardium as a comprehensive cardiac response to ischemia and reperfusion. <i>Oncotarget</i> , 2017, 8, 67227-67240.	1.8	5
135	Gender Differences in Native Myocardial T1 in a Healthy Chinese Volunteer Cohort. <i>Cardiovascular Imaging Asia</i> , 2017, 1, 110.	0.1	12
136	Impact of microvascular obstruction on semiautomated techniques for quantifying acute and chronic myocardial infarction by cardiovascular magnetic resonance. <i>Open Heart</i> , 2016, 3, e000535.	2.3	18
137	Residual Myocardial Iron Following Intramyocardial Hemorrhage During the Convalescent Phase of Reperfused ST-Segmentâ€Elevation Myocardial Infarction and Adverse Left Ventricular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	120
138	Mitochondrial respiratory inhibition by 2,3-butanedione monoxime (BDM): implications for culturing isolated mouse ventricular cardiomyocytes. <i>Physiological Reports</i> , 2016, 4, e12606.	1.7	21
139	Clinical benefit of adenosine as an adjunct to reperfusion in ST-elevation myocardial infarction patients: An updated meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2016, 202, 228-237.	1.7	62
140	Hearts deficient in both Mfn1 and Mfn2 are protected against acute myocardial infarction. <i>Cell Death and Disease</i> , 2016, 7, e2238-e2238.	6.3	150
141	Cardiac troponins and volatile anaesthetics in coronary artery bypass graft surgery. <i>European Journal of Anaesthesiology</i> , 2016, 33, 396-407.	1.7	33
142	Position Paper of the European Society of Cardiology Working Group Cellular Biology of the Heart: cell-based therapies for myocardial repair and regeneration in ischemic heart disease and heart failure. <i>European Heart Journal</i> , 2016, 37, 1789-1798.	2.2	210
143	Renoprotection by remote ischemic conditioning during elective coronary revascularization: A systematic review and meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2016, 222, 295-302.	1.7	14
144	Effect of Remote Ischaemic Conditioning in Oncology Patients Undergoing Chemotherapy: Rationale and Design of the ERICâ€ONC Studyâ€A Singleâ€Center, Blinded, Randomized Controlled Trial. <i>Clinical Cardiology</i> , 2016, 39, 72-82.	1.8	29

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145	Automated Extracellular Volume Fraction Mapping Provides Insights Into the Pathophysiology of Left Ventricular Remodeling Post-“Reperused ST-Elevation Myocardial Infarction. Journal of the American Heart Association, 2016, 5, .	3.7	46
146	Mitochondrial Dynamics as a Therapeutic Target for Treating Cardiac Diseases. Handbook of Experimental Pharmacology, 2016, 240, 251-279.	1.8	36
147	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on “New frontiers in cardiovascular research”. Basic Research in Cardiology, 2016, 111, 69.	5.9	41
148	Ischaemic conditioning and targeting reperfusion injury: a 30-year voyage of discovery. Basic Research in Cardiology, 2016, 111, 70.	5.9	257
149	Index of Microvascular Resistance and Microvascular Obstruction in Patients With Acute Myocardial Infarction. JACC: Cardiovascular Interventions, 2016, 9, 2172-2174.	2.9	26
150	In Vitro Culture of Epicardial Cells From Mouse Embryonic Heart. Journal of Visualized Experiments, 2016, , .	0.3	12
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