

Derek J Hausenloy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

289
papers

25,828
citations

79
h-index

156
g-index

356
ext. papers

30,043
ext. citations

7.8
avg, IF

7.52
L-index

#	Paper	IF	Citations
289	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	5.4	0
288	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> , 2021 , 1	3.9	1
287	Appropriate criteria for the definition of Type 4a MI. <i>European Heart Journal</i> , 2021 ,	9.5	1
286	Lipid profiles and outcomes of patients with prior cancer and subsequent myocardial infarction or stroke. <i>Scientific Reports</i> , 2021 , 11, 21167	4.9	0
285	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. <i>Cardiovascular Diabetology</i> , 2021 , 20, 211	8.7	2
284	A neutralizing IL-11 antibody reduces vessel hyperplasia in a mouse carotid artery wire injury model. <i>Scientific Reports</i> , 2021 , 11, 20674	4.9	1
283	Effect of remote ischaemic conditioning on infarct size and remodelling in ST-segment elevation myocardial infarction patients: the CONDI-2/ERIC-PPCI CMR substudy. <i>Basic Research in Cardiology</i> , 2021 , 116, 59	11.8	3
282	Inhibiting cardiac myeloperoxidase alleviates the relaxation defect in hypertrophic cardiomyocytes. <i>Cardiovascular Research</i> , 2021 ,	9.9	8
281	Association between smoking status and outcomes in myocardial infarction patients undergoing percutaneous coronary intervention. <i>Scientific Reports</i> , 2021 , 11, 6466	4.9	3
280	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	7.8	7
279	Phosphatidylserine Supplementation as a Novel Strategy for Reducing Myocardial Infarct Size and Preventing Adverse Left Ventricular Remodeling. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
278	Oxidative stress in cardiac hypertrophy: From molecular mechanisms to novel therapeutic targets. <i>Free Radical Biology and Medicine</i> , 2021 , 166, 297-312	7.8	15
277	AMP-activated protein kinase: A remarkable contributor to preserve a healthy heart against ROS injury. <i>Free Radical Biology and Medicine</i> , 2021 , 166, 238-254	7.8	11
276	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). <i>European Heart Journal</i> , 2021 , 42, 2630-2642	9.5	13
275	Translation of experimental cardioprotective capability of P2Y inhibitors into clinical outcome in patients with ST-elevation myocardial infarction. <i>Basic Research in Cardiology</i> , 2021 , 116, 36	11.8	4
274	Sustained subcutaneous delivery of secretome of human cardiac stem cells promotes cardiac repair following myocardial infarction. <i>Cardiovascular Research</i> , 2021 , 117, 918-929	9.9	24
273	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	9.9	7

272	Human-induced pluripotent stem cells for modelling metabolic perturbations and impaired bioenergetics underlying cardiomyopathies. <i>Cardiovascular Research</i> , 2021 , 117, 694-711	9.9	4
271	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	9.9	24
270	T and Small Protrusion (TAP) vs Double-Kissing Crush Technique: Insights From In Vitro Models. <i>Cardiovascular Revascularization Medicine</i> , 2021 , 24, 11-17	1.6	1
269	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	9.5	21
268	Intercellular Communication in the Heart: Therapeutic Opportunities for Cardiac Ischemia. <i>Trends in Molecular Medicine</i> , 2021 , 27, 248-262	11.5	18
267	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	11.8	9
266	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	7.8	15
265	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	11.8	8
264	IMproving Preclinical Assessment of Cardioprotective Therapies (IMPACT) criteria: guidelines of the EU-CARDIOPROTECTION COST Action. <i>Basic Research in Cardiology</i> , 2021 , 116, 52	11.8	11
263	Cardioprotective effect of combination therapy by mild hypothermia and local or remote ischemic preconditioning in isolated rat hearts. <i>Scientific Reports</i> , 2021 , 11, 265	4.9	1
262	Hydralazine protects the heart against acute ischemia/reperfusion injury by inhibiting Drp1-mediated mitochondrial fission. <i>Cardiovascular Research</i> , 2021 ,	9.9	7
261	Targeting mitochondrial fusion and fission proteins for cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 6571-6585	5.6	32
260	Neutrophils Modulate Fibroblast Function and Promote Healing and Scar Formation after Murine Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
259	Mitochondrial ion channels as targets for cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 7102-7114	5.6	27
258	Long-term Prognostic Value of Cardiac MRI Left Atrial Strain in ST-Segment Elevation Myocardial Infarction. <i>Radiology</i> , 2020 , 296, 299-309	20.5	14
257	Effect of remote ischemic preConditioning on liver injury in patients undergoing liver resection: the ERIC-LIVER trial. <i>Hpb</i> , 2020 , 22, 1250-1257	3.8	8
256	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	8.6	40
255	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	4.9	1

254	Diabetic Cardiomyopathy and Ischemic Heart Disease: Prevention and Therapy by Exercise and Conditioning. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	20
253	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	4.9	7
252	Mitochondrial shaping proteins as novel treatment targets for cardiomyopathies. <i>Conditioning Medicine</i> , 2020 , 3, 216-226	1.4	2
251	Mechanisms underlying diabetic cardiomyopathy: From pathophysiology to novel therapeutic targets. <i>Conditioning Medicine</i> , 2020 , 3, 82-97	1.4	2
250	Nanoparticle delivery of cardioprotective therapies. <i>Conditioning Medicine</i> , 2020 , 3, 18-30	1.4	
249	Extracellular vesicles - mediating and delivering cardioprotection in acute myocardial infarction and heart failure. <i>Conditioning Medicine</i> , 2020 , 3, 227-238	1.4	0
248	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	3.1	13
247	The Fourth European-South African Cardiovascular Research Workshop. <i>European Heart Journal</i> , 2020 , 41, 203-204	9.5	
246	Remote Ischemic Conditioning in Emergency Medicine-Clinical Frontiers and Research Opportunities. <i>Shock</i> , 2020 , 53, 269-276	3.4	7
245	Myeloperoxidase As a Multifaceted Target for Cardiovascular Protection. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 1135-1149	8.4	16
244	Ageing, sex, and cardioprotection. <i>British Journal of Pharmacology</i> , 2020 , 177, 5270-5286	8.6	18
243	Mitochondria in acute myocardial infarction and cardioprotection. <i>EBioMedicine</i> , 2020 , 57, 102884	8.8	52
242	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 American Heart Journal. <i>American Heart Journal</i> , 2020 , 228, 117-118	4.9	
241	Beta-blockers and renin-angiotensin system inhibitors in acute myocardial infarction managed with inhospital coronary revascularization. <i>Scientific Reports</i> , 2020 , 10, 15184	4.9	3
240	Feasibility to Perform T * Mapping Postcontrast Administration in Reperfused STEMI Patients for the Detection of Intramyocardial Hemorrhage. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 644-645	5.6	1
239	Co-morbidities and co-medications as confounders of cardioprotection-Does it matter in the clinical setting?. <i>British Journal of Pharmacology</i> , 2020 , 177, 5252-5269	8.6	40
238	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,	6.3	30
237	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	10.4	125

236	The Role of O-GlcNAcylation for Protection against Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	27
235	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	9.9	51
234	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. <i>New England Journal of Medicine</i> , 2019 , 380, 2418-2428	59.2	184
233	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	4.9	1
232	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	6	23
231	Role of Macrophages in Cardioprotection. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	27
230	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,	6.3	16
229	Immune cells as targets for cardioprotection: new players and novel therapeutic opportunities. <i>Cardiovascular Research</i> , 2019 , 115, 1117-1130	9.9	77
228	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	3	1
227	Cardiac innervation in acute myocardial ischaemia/reperfusion injury and cardioprotection. <i>Cardiovascular Research</i> , 2019 , 115, 1167-1177	9.9	22
226	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	4.9	8
225	Cardiac MRI Endpoints in Myocardial Infarction Experimental and Clinical Trials: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 238-256	15.1	102
224	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019 , 125, 245-258	15.7	62
223	David Garcia-Dorado: a true pioneer in cardiac ischaemia/reperfusion injury. <i>Cardiovascular Research</i> , 2019 , 115, e177-e180	9.9	
222	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	9.9	16
221	Is there a role for remote ischemic conditioning in preventing 5-fluorouracil-induced coronary vasospasm?. <i>Conditioning Medicine</i> , 2019 , 2, 204-212	1.4	1
220	Chronic remote ischemic conditioning for cardiovascular protection. <i>Conditioning Medicine</i> , 2019 , 2, 164-169	1.4	5
219	INDUCED PLURIPOTENT STEM CELLS FOR MODELLING ENERGETIC ALTERATIONS IN HYPERTROPHIC CARDIOMYOPATHY. <i>Conditioning Medicine</i> , 2019 , 2, 142-151	1.4	3

218	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	4.9	11
217	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	9.9	22
216	Platelet inhibition to target reperfusion injury trial: Rationale and study design. <i>Clinical Cardiology</i> , 2019 , 42, 5-12	3.3	10
215	The coronary circulation in acute myocardial ischaemia/reperfusion injury: a target for cardioprotection. <i>Cardiovascular Research</i> , 2019 , 115, 1143-1155	9.9	77
214	Sevoflurane, Propofol and Carvedilol Block Myocardial Protection by Limb Remote Ischemic Preconditioning. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	28
213	FURIN Inhibition Reduces Vascular Remodeling and Atherosclerotic Lesion Progression in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 387-401	9.4	32
212	Multitarget Strategies to Reduce Myocardial Ischemia/Reperfusion Injury: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 89-99	15.1	292
211	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	3.2	7
210	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	3.4	20
209	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	16.7	
208	Non-coding RNAs as therapeutic targets for preventing myocardial ischemia-reperfusion injury. <i>Expert Opinion on Therapeutic Targets</i> , 2018 , 22, 247-261	6.4	62
207	Inflammation following acute myocardial infarction: Multiple players, dynamic roles, and novel therapeutic opportunities. <i>Pharmacology & Therapeutics</i> , 2018 , 186, 73-87	13.9	290
206	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	9.9	198
205	Cardiovascular Magnetic Resonance in Acute ST-Segment-Elevation Myocardial Infarction: Recent Advances, Controversies, and Future Directions. <i>Circulation</i> , 2018 , 137, 1949-1964	16.7	74
204	Mitochondrial fission protein Drp1 inhibition promotes cardiac mesodermal differentiation of human pluripotent stem cells. <i>Cell Death Discovery</i> , 2018 , 4, 39	6.9	44
203	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	35
202	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. <i>Basic Research in Cardiology</i> , 2018 , 113, 39	11.8	224
201	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	15.1	7

200	Remote ischemic conditioning in ST-segment elevation myocardial infarction - an update. <i>Conditioning Medicine</i> , 2018 , 1, 13-22	1.4	11
199	MiD49 and MiD51: New mediators of mitochondrial fission and novel targets for cardioprotection. <i>Conditioning Medicine</i> , 2018 , 1, 239-246	1.4	19
198	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	4.3	34
197	Strategies for Reducing Myocardial Infarct Size Following STEMI 2018 , 307-322		1
196	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	6	31
195	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	3.2	22
194	Modulating NAD metabolism to prevent acute kidney injury. <i>Nature Medicine</i> , 2018 , 24, 1306-1307	50.5	8
193	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	4.9	26
192	Diagnostic performance of T and T 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	5.6	20
191	Invasive Assessment of the Coronary Microcirculation in Reperfused ST-Segment-Elevation Myocardial Infarction Patients: Where Do We Stand?. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	28
190	Myocardial Infarct Size by CMR in Clinical Cardioprotection Studies: Insights From Randomized Controlled Trials. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 230-240	8.4	51
189	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	3.9	60
188	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	9.9	85
187	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	4.9	19
186	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	3.2	1
185	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	9.9	206
184	Defining left ventricular remodeling following acute ST-segment elevation myocardial infarction using cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 26	6.9	37
183	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	3.2	15

182	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	3.2	20
181	Assessing the effects of mitofusin 2 deficiency in the adult heart using 3D electron tomography. <i>Physiological Reports</i> , 2017 , 5, e13437	2.6	9
180	Quantification of both the area-at-risk and acute myocardial infarct size in ST-segment elevation myocardial infarction using T1-mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 57	6.9	31
179	Prospective comparison of novel dark blood late gadolinium enhancement with conventional bright blood imaging for the detection of scar. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 91	6.9	21
178	Mitochondrial Dynamics as a Therapeutic Target for Treating Cardiac Diseases. <i>Handbook of Experimental Pharmacology</i> , 2017 , 240, 251-279	3.2	24
177	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Perioperative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2017 , 38, 2392-2407	9.5	75
176	Quantifying the area-at-risk of myocardial infarction in-vivo using arterial spin labeling cardiac magnetic resonance. <i>Scientific Reports</i> , 2017 , 7, 2271	4.9	7
175	Melatonin as a cardioprotective therapy following ST-segment elevation myocardial infarction: is it really promising? Reply. <i>Cardiovascular Research</i> , 2017 , 113, 1418-1419	9.9	9
174	Redefining viability by cardiovascular magnetic resonance in acute ST-segment elevation myocardial infarction. <i>Scientific Reports</i> , 2017 , 7, 14676	4.9	6
173	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	4.9	6
172	Is there a role for ischaemic conditioning in cardiac surgery?. <i>F1000Research</i> , 2017 , 6, 563	3.6	7
171	Unique morphological characteristics of mitochondrial subtypes in the heart: the effect of ischemia and ischemic preconditioning. <i>Discoveries</i> , 2017 , 5,	3.7	15
170	Intrinsic remote conditioning of the myocardium as a comprehensive cardiac response to ischemia and reperfusion. <i>Oncotarget</i> , 2017 , 8, 67227-67240	3.3	3
169	Gender Differences in Native Myocardial T1 in a Healthy Chinese Volunteer Cohort. <i>Cardiovascular Imaging Asia</i> , 2017 , 1, 110	0.2	7
168	Targeting reperfusion injury in patients with ST-segment elevation myocardial infarction: trials and tribulations. <i>European Heart Journal</i> , 2017 , 38, 935-941	9.5	167
167	Neutrophil gelatinase-associated lipocalin prior to cardiac surgery predicts acute kidney injury and mortality. <i>Heart</i> , 2017 ,	5.1	12
166	Remote Ischemic Preconditioning: Would You Give Your Right Arm to Protect Your Kidneys?. <i>American Journal of Kidney Diseases</i> , 2016 , 67, 16-9	7.4	2
165	Immediate remote ischemic postconditioning after hypoxia ischemia in piglets protects cerebral white matter but not grey matter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1396-411	7.3	21

164	Automated Extracellular Volume Fraction Mapping Provides Insights Into the Pathophysiology of Left Ventricular Remodeling Post-Reperfused ST-Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	32
163	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". <i>Basic Research in Cardiology</i> , 2016 , 111, 69	11.8	36
162	Ischaemic conditioning and targeting reperfusion injury: a 30 year voyage of discovery. <i>Basic Research in Cardiology</i> , 2016 , 111, 70	11.8	192
161	Index of Microvascular Resistance and Microvascular Obstruction in Patients With Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2172-2174	5	18
160	In Vitro Culture of Epicardial Cells From Mouse Embryonic Heart. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	7
159	Co-dependence of the neural and humoral pathways in the mechanism of remote ischemic conditioning. <i>Basic Research in Cardiology</i> , 2016 , 111, 50	11.8	68
158	Reducing myocardial infarct size: challenges and future opportunities. <i>Heart</i> , 2016 , 102, 341-8	5.1	135
157	Letter by Bulluck and Hausenloy Regarding Article, "Air Versus Oxygen in ST-Segment-Elevation Myocardial Infarction". <i>Circulation</i> , 2016 , 133, e28	16.7	1
156	Contrast-induced nephropathy following angiography and cardiac interventions. <i>Heart</i> , 2016 , 102, 638-48	5.1	108
155	Ischaemic conditioning and reperfusion injury. <i>Nature Reviews Cardiology</i> , 2016 , 13, 193-209	14.8	307
154	Quantifying the Area at Risk in Reperfused ST-Segment-Elevation Myocardial Infarction Patients Using Hybrid Cardiac Positron Emission Tomography-Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, e003900	3.9	42
153	Effect of Remote Ischaemic preconditioning on Clinical outcomes in patients undergoing Coronary Artery bypass graft surgery (ERICCA study): a multicentre double-blind randomised controlled clinical trial. <i>Efficacy and Mechanism Evaluation</i> , 2016 , 3, 1-58	1.7	4
152	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	3	14
151	Residual Myocardial Iron Following Intramyocardial Hemorrhage During the Convalescent Phase of Reperfused ST-Segment-Elevation Myocardial Infarction and Adverse Left Ventricular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	74
150	Mitochondrial respiratory inhibition by 2,3-butanedione monoxime (BDM): implications for culturing isolated mouse ventricular cardiomyocytes. <i>Physiological Reports</i> , 2016 , 4, e12606	2.6	13
149	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, 228-37	3.2	48
148	Hearts deficient in both Mfn1 and Mfn2 are protected against acute myocardial infarction. <i>Cell Death and Disease</i> , 2016 , 7, e2238	9.8	102
147	Cardiac troponins and volatile anaesthetics in coronary artery bypass graft surgery: A systematic review, meta-analysis and trial sequential analysis. <i>European Journal of Anaesthesiology</i> , 2016 , 33, 396-407 ²³		24

146	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, 1789-98	9.5	163
145	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	3.2	12
144	Effect of Remote Ischaemic Conditioning in Oncology Patients Undergoing Chemotherapy: Rationale and Design of the ERIC-ONC Study--A Single-Center, Blinded, Randomized Controlled Trial. <i>Clinical Cardiology</i> , 2016 , 39, 72-82	3.3	16
143	Remote ischemic conditioning: from experimental observation to clinical application: report from the 8th Biennial Hatter Cardiovascular Institute Workshop. <i>Basic Research in Cardiology</i> , 2015 , 110, 453	11.8	85
142	Platelet inhibitors influence cardioprotection: importance in preclinical study design: reply. <i>Cardiovascular Research</i> , 2015 , 106, 8	9.9	1
141	Ischaemic conditioning: are we there yet?. <i>Heart</i> , 2015 , 101, 1067-77	5.1	17
140	Incidence of left ventricular thrombi in reperfused STEMI patients detected by contrast-enhanced CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17,	6.9	78
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