

# Hans Erik Botker

## List of Publications by Citations

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378  
papers

18,121  
citations

61  
h-index

125  
g-index

400  
ext. papers

21,905  
ext. citations

6  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
378	Third universal definition of myocardial infarction. <i>European Heart Journal</i> , <b>2012</b> , 33, 2551-67	9.5	2064
377	Diagnostic performance of noninvasive fractional flow reserve derived from coronary computed tomography angiography in suspected coronary artery disease: the NXT trial (Analysis of Coronary Blood Flow Using CT Angiography: Next Steps). <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1115-1125	15.1	871
376	2014 ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management: The Joint Task Force on non-cardiac surgery: cardiovascular assessment and management of the European Society of Cardiology (ESC) and the European Society of Anaesthesiology (ESA). <i>European Heart Journal</i> , <b>2014</b> , 35, 2313-1311	9.5	849
375	Remote ischaemic conditioning before hospital admission, as a complement to angioplasty, and effect on myocardial salvage in patients with acute myocardial infarction: a randomised trial. <i>Lancet, The</i> , <b>2010</b> , 375, 727-34	40	773
374	Effects of the direct lipoprotein-associated phospholipase A(2) inhibitor darapladib on human coronary atherosclerotic plaque. <i>Circulation</i> , <b>2008</b> , 118, 1172-82	16.7	432
373	Exenatide reduces reperfusion injury in patients with ST-segment elevation myocardial infarction. <i>European Heart Journal</i> , <b>2012</b> , 33, 1491-9	9.5	401
372	Remote ischemic conditioning. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 177-95	15.1	391
371	Direct intramyocardial plasmid vascular endothelial growth factor-A165 gene therapy in patients with stable severe angina pectoris A randomized double-blind placebo-controlled study: the Euroinject One trial. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 982-8	15.1	389
370	Positive predictive value of cardiovascular diagnoses in the Danish National Patient Registry: a validation study. <i>BMJ Open</i> , <b>2016</b> , 6, e012832	3	353
369	25 year trends in first time hospitalisation for acute myocardial infarction, subsequent short and long term mortality, and the prognostic impact of sex and comorbidity: a Danish nationwide cohort study. <i>BMJ, The</i> , <b>2012</b> , 344, e356	5.9	303
368	Multitarget Strategies to Reduce Myocardial Ischemia/Reperfusion Injury: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 89-99	15.1	292
367	2014 ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management: The Joint Task Force on non-cardiac surgery: cardiovascular assessment and management of the European Society of Cardiology (ESC) and the European Society of Anaesthesiology (ESA). <i>European Journal of Anaesthesiology</i> , <b>2014</b> , 31, 517-73	2.3	242
366	Transcatheter Aortic Valve Thrombosis: Incidence, Predisposing Factors, and Clinical Implications. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2059-2069	15.1	236
365	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. <i>Basic Research in Cardiology</i> , <b>2018</b> , 113, 39	11.8	224
364	Routine thrombectomy in percutaneous coronary intervention for acute ST-segment-elevation myocardial infarction: a randomized, controlled trial. <i>Circulation</i> , <b>2006</b> , 114, 40-7	16.7	216
363	Improved long-term clinical outcomes in patients with ST-elevation myocardial infarction undergoing remote ischaemic conditioning as an adjunct to primary percutaneous coronary intervention. <i>European Heart Journal</i> , <b>2014</b> , 35, 168-75	9.5	212
362	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> , <b>2017</b> , 113, 564-585	9.9	206

361	Remote ischemic preconditioning as an adjunct therapy to thrombolysis in patients with acute ischemic stroke: a randomized trial. <i>Stroke</i> , <b>2014</b> , 45, 159-67	6.7	193
360	Ischaemic conditioning and targeting reperfusion injury: a 30-year voyage of discovery. <i>Basic Research in Cardiology</i> , <b>2016</b> , 111, 70	11.8	192
359	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. <i>European Heart Journal</i> , <b>2016</b> , 37, 1220-7	9.5	184
358	Efficacy and safety of zotarolimus-eluting and sirolimus-eluting coronary stents in routine clinical care (SORT OUT III): a randomised controlled superiority trial. <i>Lancet, The</i> , <b>2010</b> , 375, 1090-9	4.0	174
357	Translating cardioprotection for patient benefit: position paper from the Working Group of Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , <b>2013</b> , 98, 7-27	9.9	172
356	Unreliable assessment of necrotic core by virtual histology intravascular ultrasound in porcine coronary artery disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2010</b> , 3, 384-91	3.9	172
355	Exenatide reduces final infarct size in patients with ST-segment-elevation myocardial infarction and short-duration of ischemia. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 288-95	6	168
354	Biolimus-eluting biodegradable polymer-coated stent versus durable polymer-coated sirolimus-eluting stent in unselected patients receiving percutaneous coronary intervention (SORT OUT V): a randomised non-inferiority trial. <i>Lancet, The</i> , <b>2013</b> , 381, 661-9	4.0	152
353	Cardiovascular Effects of Treatment With the Ketone Body 3-Hydroxybutyrate in Chronic Heart Failure Patients. <i>Circulation</i> , <b>2019</b> , 139, 2129-2141	16.7	137
352	Urban and rural implementation of pre-hospital diagnosis and direct referral for primary percutaneous coronary intervention in patients with acute ST-elevation myocardial infarction. <i>European Heart Journal</i> , <b>2011</b> , 32, 430-6	9.5	132
351	Existing data sources for clinical epidemiology: The Western Denmark Heart Registry. <i>Clinical Epidemiology</i> , <b>2010</b> , 2, 137-44	5.9	131
350	Randomized comparison of everolimus-eluting and sirolimus-eluting stents in patients treated with percutaneous coronary intervention: the Scandinavian Organization for Randomized Trials with Clinical Outcome IV (SORT OUT IV). <i>Circulation</i> , <b>2012</b> , 125, 1246-55	16.7	131
349	Diagnostic Performance of In-Procedure Angiography-Derived Quantitative Flow Reserve Compared to Pressure-Derived Fractional Flow Reserve: The FAVOR II Europe-Japan Study. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	128
348	Cardiovascular and metabolic effects of 48-h glucagon-like peptide-1 infusion in compensated chronic patients with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H1096-102	5.2	126
347	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> , <b>2019</b> , 394, 1415-1424	4.0	124
346	Influence of Coronary Calcification on the Diagnostic Performance of CT Angiography Derived FFR in Coronary Artery Disease: A Substudy of the NXT Trial. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 1045-1055	8.4	102
345	Final infarct size measured by cardiovascular magnetic resonance in patients with ST elevation myocardial infarction predicts long-term clinical outcome: an observational study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 387-95	4.1	101
344	Release of a humoral circulating cardioprotective factor by remote ischemic preconditioning is dependent on preserved neural pathways in diabetic patients. <i>Basic Research in Cardiology</i> , <b>2012</b> , 107, 285	11.8	100

343	Endothelium-dependent and -independent perfusion reserve and the effect of L-arginine on myocardial perfusion in patients with syndrome X. <i>Circulation</i> , <b>1999</b> , 99, 1795-801	16.7	98
342	Remote preconditioning reduces ischemic injury in the explanted heart by a KATP channel-dependent mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 288, H1252-6	5.2	94
341	Thirty-year trends in heart failure hospitalization and mortality rates and the prognostic impact of co-morbidity: a Danish nationwide cohort study. <i>European Journal of Heart Failure</i> , <b>2016</b> , 18, 490-9	12.3	94
340	Remote Ischemic Conditioning in Patients With Myocardial Infarction Treated With Primary Angioplasty: Impact on Left Ventricular Function Assessed by Comprehensive Echocardiography and Gated Single-Photon Emission CT. <i>Circulation: Cardiovascular Imaging</i> , <b>2010</b> , 3, 656-62	3.9	93
339	Zotarolimus-eluting durable-polymer-coated stent versus a biolimus-eluting biodegradable-polymer-coated stent in unselected patients undergoing percutaneous coronary intervention (SORT OUT VI): a randomised non-inferiority trial. <i>Lancet, The</i> , <b>2015</b> , 385, 1527-35	4.0	92
338	Evaluation of Coronary Artery Stenosis by Quantitative Flow Ratio During Invasive Coronary Angiography: The WIFI II Study (Wire-Free Functional Imaging II). <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007107	3.9	92
337	The remote ischemic preconditioning algorithm: effect of number of cycles, cycle duration and effector organ mass on efficacy of protection. <i>Basic Research in Cardiology</i> , <b>2016</b> , 111, 10	11.8	91
336	Clinical Use of Coronary CTA-Derived FFR for Decision-Making in Stable CAD. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 541-550	8.4	85
335	Remote ischemic conditioning: from experimental observation to clinical application: report from the 8th Biennial Hatter Cardiovascular Institute Workshop. <i>Basic Research in Cardiology</i> , <b>2015</b> , 110, 453	11.8	85
334	Ketone Body Infusion With 3-Hydroxybutyrate Reduces Myocardial Glucose Uptake and Increases Blood Flow in Humans: A Positron Emission Tomography Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	84
333	Differential clinical outcomes after 1 year versus 5 years in a randomised comparison of zotarolimus-eluting and sirolimus-eluting coronary stents (the SORT OUT III study): a multicentre, open-label, randomised superiority trial. <i>Lancet, The</i> , <b>2014</b> , 383, 2047-2056	4.0	80
332	Randomized Comparison of a Biodegradable Polymer Ultrathin Strut Sirolimus-Eluting Stent With a Biodegradable Polymer Biolimus-Eluting Stent in Patients Treated With Percutaneous Coronary Intervention: The SORT OUT VII Trial. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	78
331	Coronary CT Angiographic and Flow Reserve-Guided Management of Patients With Stable Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2123-2134	15.1	75
330	Impact of O-GlcNAc on cardioprotection by remote ischaemic preconditioning in non-diabetic and diabetic patients. <i>Cardiovascular Research</i> , <b>2013</b> , 97, 369-78	9.9	74
329	Increased Prevalence of Coronary Artery Disease in Severe Psoriasis and Severe Atopic Dermatitis. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 1325-34.e2	2.4	73
328	Health care system delay and heart failure in patients with ST-segment elevation myocardial infarction treated with primary percutaneous coronary intervention: follow-up of population-based medical registry data. <i>Annals of Internal Medicine</i> , <b>2011</b> , 155, 361-7	8	69
327	Obesity in young men, and individual and combined risks of type 2 diabetes, cardiovascular morbidity and death before 55 years of age: a Danish 33-year follow-up study. <i>BMJ Open</i> , <b>2013</b> , 3,	3	68
326	Electromechanical mapping for detection of myocardial viability in patients with ischemic cardiomyopathy. <i>Circulation</i> , <b>2001</b> , 103, 1631-7	16.7	68

325	Metformin induces cardioprotection against ischaemia/reperfusion injury in the rat heart 24 hours after administration. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2008</b> , 103, 82-7	3.1	66
324	Positive predictive value of cardiac examination, procedure and surgery codes in the Danish National Patient Registry: a population-based validation study. <i>BMJ Open</i> , <b>2016</b> , 6, e012817	3	64
323	Assessment of intramyocardial hemorrhage by T1-weighted cardiovascular magnetic resonance in reperfused acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2012</b> , 14, 59	6.9	63
322	Distance to invasive heart centre, performance of acute coronary angiography, and angioplasty and associated outcome in out-of-hospital cardiac arrest: a nationwide study. <i>European Heart Journal</i> , <b>2017</b> , 38, 1645-1652	9.5	62
321	Diagnostic Performance of Coronary CT Angiography and Myocardial Perfusion Imaging in Kidney Transplantation Candidates. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 553-562	8.4	62
320	Glucose uptake and lumped constant variability in normal human hearts determined with [18F]fluorodeoxyglucose. <i>Journal of Nuclear Cardiology</i> , <b>1997</b> , 4, 125-32	2.1	61
319	NOGA-guided analysis of regional myocardial perfusion abnormalities treated with intramyocardial injections of plasmid encoding vascular endothelial growth factor A-165 in patients with chronic myocardial ischemia: subanalysis of the EUROINJECT-ONE multicenter double-blind randomized study. <i>Circulation</i> , <b>2005</b> , 112, 1157-65	16.7	61
318	A randomised, double-blind, placebo-controlled, multicentre study of the safety and efficacy of BIOBYPASS (AdGVVEGF121.10NH) gene therapy in patients with refractory advanced coronary artery disease: the NOVA trial. <i>EuroIntervention</i> , <b>2011</b> , 6, 813-8	3.1	58
317	The Third DANish Study of Optimal Acute Treatment of Patients with ST-segment Elevation Myocardial Infarction: Ischemic postconditioning or deferred stent implantation versus conventional primary angioplasty and complete revascularization versus treatment of culprit lesion only: Rationale and design of the DANAMI 3 trial program. <i>American Heart Journal</i> , <b>2015</b> , 169, 613-21	4.9	55
316	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 521-530	8.4	55
315	Association Between Changes in Coronary Artery Disease Progression and Treatment With Biologic Agents for Severe Psoriasis. <i>JAMA Dermatology</i> , <b>2016</b> , 152, 1114-1121	5.1	55
314	Effect of remote ischaemic conditioning on clinical outcomes in patients presenting with an ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. <i>European Heart Journal</i> , <b>2015</b> , 36, 1846-8	9.5	50
313	Inducing Persistent Flow Disturbances Accelerates Atherogenesis and Promotes Thin Cap Fibroatheroma Development in D374Y-PCSK9 Hypercholesterolemic Minipigs. <i>Circulation</i> , <b>2015</b> , 132, 1003-12	16.7	48
312	Percutaneous Coronary Intervention for Vulnerable Coronary Atherosclerotic Plaque. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2289-2301	15.1	48
311	Rationale and design of the HeartFlowNXT (HeartFlow analysis of coronary blood flow using CT angiography: NeXt sSteps) study. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2013</b> , 7, 279-88	2.8	47
310	Impact of acute hyperglycemia on myocardial infarct size, area at risk, and salvage in patients with STEMI and the association with exenatide treatment: results from a randomized study. <i>Diabetes</i> , <b>2014</b> , 63, 2474-85	0.9	47
309	Adult height and risk of ischemic heart disease, atrial fibrillation, stroke, venous thromboembolism, and premature death: a population based 36-year follow-up study. <i>European Journal of Epidemiology</i> , <b>2014</b> , 29, 111-8	12.1	47
308	Measuring myocardial salvage. <i>Cardiovascular Research</i> , <b>2012</b> , 94, 266-75	9.9	47

307	Prehospital troponin T testing in the diagnosis and triage of patients with suspected acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 1436-40	3	46
306	Impact of cardiovascular risk factors and medication use on the efficacy of remote ischaemic conditioning: post hoc subgroup analysis of a randomised controlled trial. <i>BMJ Open</i> , <b>2015</b> , 5, e006923	3	45
305	Impact of system delay on infarct size, myocardial salvage index, and left ventricular function in patients with ST-segment elevation myocardial infarction. <i>American Heart Journal</i> , <b>2012</b> , 164, 538-46	4.9	45
304	Identification of vulnerable plaques and patients by intracoronary near-infrared spectroscopy and ultrasound (PROSPECT II): a prospective natural history study. <i>Lancet, The</i> , <b>2021</b> , 397, 985-995	4.0	45
303	FFR Derived From Coronary CT Angiography in Nonculprit Lesions of Patients With Recent STEMI. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 424-433	8.4	44
302	Global longitudinal strain by speckle tracking for infarct size estimation. <i>European Journal of Echocardiography</i> , <b>2011</b> , 12, 156-65		44
301	Analytical evaluation of high energy phosphate determination by high performance liquid chromatography in myocardial tissue. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1994</b> , 26, 41-8	5.8	43
300	3-Year clinical outcomes in the randomized SORT OUT III superiority trial comparing zotarolimus- and sirolimus-eluting coronary stents. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 812-8	5	42
299	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. <i>Radiology</i> , <b>2019</b> , 292, 343-351	20.5	41
298	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 429-436	2.8	41
297	2-year patient-related versus stent-related outcomes: the SORT OUT IV (Scandinavian Organization for Randomized Trials With Clinical Outcome IV) Trial. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1140-7	15.1	41
296	Inhibition of the malate-aspartate shuttle by pre-ischaemic aminooxyacetate loading of the heart induces cardioprotection. <i>Cardiovascular Research</i> , <b>2010</b> , 88, 257-66	9.9	41
295	Influence of pre-infarction angina, collateral flow, and pre-procedural TIMI flow on myocardial salvage index by cardiac magnetic resonance in patients with ST-segment elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2012</b> , 13, 433-43	4.1	41
294	Impact of luminal density on plaque classification by CT coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2011</b> , 27, 593-600	2.5	40
293	Randomised comparison of manual compression and FemoSeal vascular closure device for closure after femoral artery access coronary angiography: the CLOSure dEVICES Used in everyday Practice (CLOSE-UP) study. <i>EuroIntervention</i> , <b>2014</b> , 10, 183-90	3.1	40
292	Co-morbidities and co-medications as confounders of cardioprotection-Does it matter in the clinical setting?. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 5252-5269	8.6	40
291	Fractional flow reserve derived from coronary CT angiography: variation of repeated analyses. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2014</b> , 8, 307-14	2.8	39
290	Impact of Plaque Burden Versus Stenosis on Ischemic Events in Patients With Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2803-2813	15.1	39

289	Prognostic assessment of stable coronary artery disease as determined by coronary computed tomography angiography: a Danish multicentre cohort study. <i>European Heart Journal</i> , <b>2017</b> , 38, 413-421	9.5	39
288	The role of capillary transit time heterogeneity in myocardial oxygenation and ischemic heart disease. <i>Basic Research in Cardiology</i> , <b>2014</b> , 109, 409	11.8	38
287	Pericarditis as a Marker of Occult Cancer and a Prognostic Factor for Cancer Mortality. <i>Circulation</i> , <b>2017</b> , 136, 996-1006	16.7	38
286	Therapeutic hypothermia for the treatment of acute myocardial infarction-combined analysis of the RAPID MI-ICE and the CHILL-MI trials. <i>Therapeutic Hypothermia and Temperature Management</i> , <b>2015</b> , 5, 77-84	1.3	38
285	Quantitative point-of-care troponin T measurement for diagnosis and prognosis in patients with a suspected acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 1361-6	3	37
284	Effect of long-term remote ischemic conditioning in patients with chronic ischemic heart failure. <i>Basic Research in Cardiology</i> , <b>2017</b> , 112, 67	11.8	36
283	Computed tomography derived fractional flow reserve testing in stable patients with typical angina pectoris: influence on downstream rate of invasive coronary angiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 405-414	4.1	35
282	Nonculprit Stenosis Evaluation Using Instantaneous Wave-Free Ratio in Patients With ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 2528-2535	5	35
281	A UPLC-MS/MS application for profiling of intermediary energy metabolites in microdialysis samples--a method for high-throughput. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 983-90	3.5	35
280	Electromechanical mapping versus positron emission tomography and single photon emission computed tomography for the detection of myocardial viability in patients with ischemic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 41, 843-8	15.1	35
279	Higher Risk of Vascular Dementia in Myocardial Infarction Survivors. <i>Circulation</i> , <b>2018</b> , 137, 567-577	16.7	34
278	Left ventricular volume measurement in mice by conductance catheter: evaluation and optimization of calibration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 293, H534-40	5.2	34
277	Comparison of Durable-Polymer Zotarolimus-Eluting and Biodegradable-Polymer Biolimus-Eluting Coronary Stents in Patients With Coronary Artery Disease: 3-Year Clinical Outcomes in the Randomized SORT OUT VI Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 255-264	5	33
276	Aldehyde dehydrogenase-2 inhibition blocks remote preconditioning in experimental and human models. <i>Basic Research in Cardiology</i> , <b>2013</b> , 108, 343	11.8	33
275	Metabolic fingerprint of ischaemic cardioprotection: importance of the malate-aspartate shuttle. <i>Cardiovascular Research</i> , <b>2011</b> , 91, 382-91	9.9	33
274	Effects of doxazosin on exercise-induced angina pectoris, ST-segment depression, and insulin sensitivity in patients with syndrome X. <i>American Journal of Cardiology</i> , <b>1998</b> , 82, 1352-6	3	33
273	Hyperpolarized [1,4-C]Fumarate Enables Magnetic Resonance-Based Imaging of Myocardial Necrosis. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1594-1606	8.4	32
272	Protection against myocardial ischemia-reperfusion injury at onset of type 2 diabetes in Zucker diabetic fatty rats is associated with altered glucose oxidation. <i>PLoS ONE</i> , <b>2013</b> , 8, e64093	3.7	32

271	Thirty-Year Mortality After Coronary Artery Bypass Graft Surgery: A Danish Nationwide Population-Based Cohort Study. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2017</b> , 10, e002708	5.8	31
270	Estimated aortic blood pressure based on radial artery tonometry underestimates directly measured aortic blood pressure in patients with advancing chronic kidney disease staging and increasing arterial stiffness. <i>Kidney International</i> , <b>2016</b> , 90, 869-77	9.9	31
269	Acute kidney injury treated with renal replacement therapy and 5-year mortality after myocardial infarction-related cardiogenic shock: a nationwide population-based cohort study. <i>Critical Care</i> , <b>2015</b> , 19, 452	10.8	31
268	The Western Denmark Cardiac Computed Tomography Registry: a review and validation study. <i>Clinical Epidemiology</i> , <b>2015</b> , 7, 53-64	5.9	31
267	Incorporating Coronary Calcification Into Pre-Test Assessment of the Likelihood of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2421-2432	15.1	30
266	Wall shear stress and local plaque development in stenosed carotid arteries of hypercholesterolemic minipigs. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , <b>2012</b> , 3, 76-83	0.5	30
265	Amino acid transamination is crucial for ischaemic cardioprotection in normal and preconditioned isolated rat hearts—focus on L-glutamate. <i>Experimental Physiology</i> , <b>2010</b> , 95, 140-52	2.4	30
264	Frequency of systemic microvascular dysfunction in syndrome X and in variant angina. <i>American Journal of Cardiology</i> , <b>1996</b> , 78, 182-186	3	30
263	Suppression of circulating free fatty acids with acipimox in chronic heart failure patients changes whole body metabolism but does not affect cardiac function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H1220-5	5.2	29
262	Insulin-like growth factor-I, insulin, and angina pectoris secondary to coronary atherosclerosis, vasospasm, and syndrome X. <i>American Journal of Cardiology</i> , <b>1997</b> , 79, 961-3	3	29
261	Pre-ischaemic mitochondrial substrate constraint by inhibition of malate-aspartate shuttle preserves mitochondrial function after ischaemia-reperfusion. <i>Journal of Physiology</i> , <b>2017</b> , 595, 3765-3780	3.0	28
260	Comparison of the frequency of atrial fibrillation in young obese versus young nonobese men undergoing examination for fitness for military service. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 822-6 <sup>3</sup>	6.3	28
259	The Role of O-GlcNAcylation for Protection against Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	27
258	Danish study of Non-Invasive testing in Coronary Artery Disease (Dan-NICAD): study protocol for a randomised controlled trial. <i>Trials</i> , <b>2016</b> , 17, 262	2.8	27
257	Ischemic preconditioning increases myocardial O-GlcNAc glycosylation. <i>Scandinavian Cardiovascular Journal</i> , <b>2013</b> , 47, 168-74	2	27
256	Impact of impaired coronary flow reserve and insulin resistance on myocardial energy metabolism in patients with syndrome X. <i>American Journal of Cardiology</i> , <b>1997</b> , 79, 1615-22	3	27
255	Energy stores and metabolites in chronic reversibly and irreversibly dysfunctional myocardium in humans. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 37, 100-8	15.1	27
254	30-year nationwide trends in incidence of atrial fibrillation in Denmark and associated 5-year risk of heart failure, stroke, and death. <i>International Journal of Cardiology</i> , <b>2016</b> , 225, 30-36	3.2	27



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124	Cardiovascular risk and mortality in rheumatoid arthritis compared with diabetes mellitus and the general population. <i>Rheumatology</i> , <b>2021</b> , 60, 1400-1409	3.9	8
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120	Cardiac Myosin-Binding Protein C to Diagnose Acute Myocardial Infarction in the Pre-Hospital Setting. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013152	6	7
119	Implantable cardioverter-defibrillators and subsequent cancer risk: a nationwide population-based cohort study. <i>Europace</i> , <b>2015</b> , 17, 902-8	3.9	7
118	Patient-reported health as a prognostic factor for adverse events following percutaneous coronary intervention. <i>Clinical Epidemiology</i> , <b>2014</b> , 6, 61-70	5.9	7
117	Effects of fatty acids on cardioprotection by pre-ischaemic inhibition of the malate-aspartate shuttle. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 878-85	3	7
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113	Interaction of ischaemic postconditioning and thrombectomy in patients with ST-elevation myocardial infarction. <i>Heart</i> , <b>2020</b> , 106, 24-32	5.1	7
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110	Use of histamine H receptor antagonists and outcomes in patients with heart failure: a nationwide population-based cohort study. <i>Clinical Epidemiology</i> , <b>2018</b> , 10, 521-530	5.9	7



109	Impact of rheumatoid arthritis on major cardiovascular events in patients with and without coronary artery disease. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 1182-1188	2.4	6
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102	Utilization of biomarkers as predictors of skeletal muscle mitochondrial content after physiological intervention and in clinical settings. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E886-E889	6	6
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100	Association between anti-diabetes treatments and cardiovascular risk in diabetes patients with and without coronary artery disease. <i>Diabetes and Vascular Disease Research</i> , <b>2019</b> , 16, 351-359	3.3	5
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- 1 Remodeling after myocardial infarction and effects of heart failure treatment investigated by hyperpolarized [1- C]pyruvate magnetic resonance spectroscopy. *Magnetic Resonance in Medicine*, **2022**, 87, 57-69 4.4