

Gerd Heusch

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.

399 papers	29,864 citations	96 h-index	156 g-index
463 ext. papers	34,033 ext. citations	8.3 avg, IF	7.78 L-index

#	Paper	IF	Citations
399	Coronary blood flow in heart failure: cause, consequence and bystander.. <i>Basic Research in Cardiology</i> , 2022 , 117, 1	11.8	3
398	Master switches bei kardialer Ischämie. <i>Kardiologie</i> , 2022 , 16, 115-122	0.6	
397	Bioassays of Humoral Cardioprotective Factors Released by Remote Ischemic Conditioning in Patients Undergoing Coronary Artery Bypass Surgery.. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2022 , 27, 10742484221097273	2.6	0
396	A fresh look at coronary microembolization. <i>Nature Reviews Cardiology</i> , 2021 ,	14.8	7
395	Mitochondrial Telomerase Reverse Transcriptase Protects From Myocardial Ischemia/Reperfusion Injury by Improving Complex I Composition and Function. <i>Circulation</i> , 2021 , 144, 1876-1890	16.7	8
394	PCSK9 Activity Is Potentiated Through HDL Binding. <i>Circulation Research</i> , 2021 , 129, 1039-1053	15.7	0
393	Cardioprotection by post-conditioning with exogenous triiodothyronine in isolated perfused rat hearts and isolated adult rat cardiomyocytes. <i>Basic Research in Cardiology</i> , 2021 , 116, 27	11.8	4
392	Noncanonical Thyroid Hormone Receptor Action Mediates Arterial Vasodilation. <i>Endocrinology</i> , 2021 , 162,	4.8	4
391	A pathophysiological compass to personalize antianginal drug treatment. <i>Nature Reviews Cardiology</i> , 2021 , 18, 838-852	14.8	7
390	The West German Heart and Vascular Center at University Medicine Essen. <i>European Heart Journal</i> , 2021 , 42, 963-964	9.5	2
389	Myocardial stunning and hibernation revisited. <i>Nature Reviews Cardiology</i> , 2021 , 18, 522-536	14.8	19
388	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
387	Anaemia is associated with severe RBC dysfunction and a reduced circulating NO pool: vascular and cardiac eNOS are crucial for the adaptation to anaemia. <i>Basic Research in Cardiology</i> , 2020 , 115, 43	11.8	17
386	Myocardial ischaemia-reperfusion injury and cardioprotection in perspective. <i>Nature Reviews Cardiology</i> , 2020 , 17, 773-789	14.8	197
385	Is Cardioprotection Salvageable?. <i>Circulation</i> , 2020 , 141, 415-417	16.7	20
384	Translational issues for mitoprotective agents as adjunct to reperfusion therapy in patients with ST-segment elevation myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 2717-2729	5.6	22
383	Hyperlipidaemia and cardioprotection: Animal models for translational studies. <i>British Journal of Pharmacology</i> , 2020 , 177, 5287-5311	8.6	22

382	Guideline-adherence regarding critical time intervals in the German Chest Pain Unit registry. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, 52-61	4.3	6
381	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
380	Safety and efficacy of a novel algorithm to guide decision-making in high-risk interventional coronary procedures. <i>International Journal of Cardiology</i> , 2020 , 299, 87-92	3.2	4
379	Regulation of ABCA1-mediated cholesterol efflux by sphingosine-1-phosphate signaling in macrophages. <i>Journal of Lipid Research</i> , 2019 , 60, 506-515	6.3	20
378	The many faces of myocardial ischaemia and angina. <i>Cardiovascular Research</i> , 2019 , 115, 1460-1470	9.9	19
377	Myocardial ischemia: lack of coronary blood flow, myocardial oxygen supply-demand imbalance, or what?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H1439-H1446	5.2	30
376	Shahbudin H. Rahimtoola: the scientific legacy. <i>European Heart Journal</i> , 2019 , 40, 866	9.5	
375	Agonist-induced activation of the S1P receptor 2 constitutes a novel osteoanabolic therapy for the treatment of osteoporosis in mice. <i>Bone</i> , 2019 , 125, 1-7	4.7	10
374	Attenuation of ST-segment elevation after ischemic conditioning maneuvers reflects cardioprotection online. <i>Basic Research in Cardiology</i> , 2019 , 114, 22	11.8	22
373	Cardiac innervation in acute myocardial ischaemia/reperfusion injury and cardioprotection. <i>Cardiovascular Research</i> , 2019 , 115, 1167-1177	9.9	22
372	Potent anti-inflammatory properties of HDL in vascular smooth muscle cells mediated by HDL-S1P and their impairment in coronary artery disease due to lower HDL-S1P: a new aspect of HDL dysfunction and its therapy. <i>FASEB Journal</i> , 2019 , 33, 1482-1495	0.9	22
371	Dr. John Ross Jr. <i>European Heart Journal</i> , 2019 , 40, 2004-2005	9.5	
370	Heart failure from cancer therapy: can we prevent it?. <i>ESC Heart Failure</i> , 2019 , 6, 856-862	3.7	15
369	Sex is no determinant of cardioprotection by ischemic preconditioning in rats, but ischemic/reperfused tissue mass is for remote ischemic preconditioning. <i>Physiological Reports</i> , 2019 , 7, e14146	2.6	16
368	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019 , 125, 245-258	15.7	62
367	Coronary microvascular obstruction: the new frontier in cardioprotection. <i>Basic Research in Cardiology</i> , 2019 , 114, 45	11.8	106
366	Plasma from remotely conditioned pigs reduces infarct size when given before or after ischemia to isolated perfused rat hearts. <i>Pflügers Archiv European Journal of Physiology</i> , 2019 , 471, 1371-1379	4.6	3
365	Larger infarct size but equal protection by ischemic conditioning in septum and anterior free wall of pigs with LAD occlusion. <i>Physiological Reports</i> , 2019 , 7, e14236	2.6	2

364	The Spleen in Myocardial Infarction. <i>Circulation Research</i> , 2019 , 124, 26-28	15.7	16
363	The coronary circulation in acute myocardial ischaemia/reperfusion injury: a target for cardioprotection. <i>Cardiovascular Research</i> , 2019 , 115, 1143-1155	9.9	77
362	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
361	Cardio-oncology - strategies for management of cancer-therapy related cardiovascular disease. <i>International Journal of Cardiology</i> , 2019 , 280, 163-175	3.2	55
360	Remote ischaemic preconditioning increases serum extracellular vesicle concentrations with altered micro-RNA signature in CABG patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2019 , 63, 483-492	1.9	21
359	Reflection of Cardioprotection by Remote Ischemic Perconditioning in Attenuated ST-Segment Elevation During Ongoing Coronary Occlusion in Pigs: Evidence for Cardioprotection From Ischemic Injury. <i>Circulation Research</i> , 2018 , 122, 1102-1108	15.7	33
358	Targeting sphingosine-1-phosphate lyase as an anabolic therapy for bone loss. <i>Nature Medicine</i> , 2018 , 24, 667-678	50.5	62
357	Coronary microembolization and microvascular dysfunction. <i>International Journal of Cardiology</i> , 2018 , 258, 17-23	3.2	52
356	Invasive treatment of NSTEMI patients in German Chest Pain Units - Evidence for a treatment paradox. <i>International Journal of Cardiology</i> , 2018 , 255, 15-19	3.2	11
355	Persistent Survival Benefit From Remote Ischemic Pre-Conditioning in Patients Undergoing Coronary Artery Bypass Surgery. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 252-254	15.1	14
354	Cardioprotection research must leave its comfort zone. <i>European Heart Journal</i> , 2018 , 39, 3393-3395	9.5	25
353	Guidelines for experimental models of myocardial ischemia and infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H812-H838	5.2	249
352	Coronary Microembolization and Microvascular Dysfunction 2018 , 83-96		1
351	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
350	Influence of long-term treatment with glyceryl trinitrate on remote ischemic conditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H150-H158	5.2	24
349	Humoral transfer and intramyocardial signal transduction of protection by remote ischemic preconditioning in pigs, rats, and mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H159-H172	5.2	35
348	Comparison of Lipoprotein(a)-Levels in Patients ≥70 Years of Age With Versus Without Aortic Valve Stenosis. <i>American Journal of Cardiology</i> , 2018 , 122, 645-649	3	6
347	Fatal attraction - A brief pathophysiology of the interaction between atrial fibrillation and myocardial ischemia. <i>International Journal of Cardiology</i> , 2018 , 254, 132-135	3.2	9

346	STAT3 as a common signal of ischemic conditioning: a lesson on "rigor and reproducibility" in preclinical studies on cardioprotection. <i>Basic Research in Cardiology</i> , 2018 , 113, 3	11.8	45
345	Mitochondrial and Contractile Function of Human Right Atrial Tissue in Response to Remote Ischemic Conditioning. <i>Journal of the American Heart Association</i> , 2018 , 7, e009540	6	22
344	Vago-Splenic Axis in Signal Transduction of Remote Ischemic Preconditioning in Pigs and Rats. <i>Circulation Research</i> , 2018 , 123, 1152-1163	15.7	43
343	Methylene Blue Treatment of Grafts During Cold Ischemia Time Reduces the Risk of Hepatitis C Virus Transmission. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1711-1721	7	8
342	On versus off-hour care of patients with acute coronary syndrome and persistent ST-segment elevation in certified German chest pain units. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017 , 6, 3-9	4.3	12
341	Ischemic preconditioning in pigs: a causal role for signal transducer and activator of transcription 3. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H478-H484	5.2	27
340	Characterization and referral patterns of ST-elevation myocardial infarction patients admitted to chest pain units rather than directly to catheterization laboratories. Data from the German Chest Pain Unit Registry. <i>International Journal of Cardiology</i> , 2017 , 231, 31-35	3.2	6
339	Critical Issues for the Translation of Cardioprotection. <i>Circulation Research</i> , 2017 , 120, 1477-1486	15.7	160
338	Remote Ischemic Conditioning in Cardiovascular Surgery. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017 , 22, 297-301	2.6	15
337	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
336	Cardioprotection by remote ischemic conditioning and its signal transduction. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 159-181	4.6	102
335	No protection of heart, kidneys and brain by remote ischemic preconditioning before transfemoral transcatheter aortic valve implantation: Interim-analysis of a randomized single-blinded, placebo-controlled, single-center trial. <i>International Journal of Cardiology</i> , 2017 , 231, 248-254	3.2	12
334	Cardiac computed tomography-derived epicardial fat volume and attenuation independently distinguish patients with and without myocardial infarction. <i>PLoS ONE</i> , 2017 , 12, e0183514	3.7	42
333	Potential humoral mediators of remote ischemic preconditioning in patients undergoing surgical coronary revascularization. <i>Scientific Reports</i> , 2017 , 7, 12660	4.9	27
332	Cardiomyocyte mitochondria as targets of humoral factors released by remote ischemic preconditioning. <i>Archives of Medical Science</i> , 2017 , 13, 448-458	2.9	31
331	The pathophysiology of acute myocardial infarction and strategies of protection beyond reperfusion: a continual challenge. <i>European Heart Journal</i> , 2017 , 38, 774-784	9.5	312
330	Proteomics/phosphoproteomics of left ventricular biopsies from patients with surgical coronary revascularization and pigs with coronary occlusion/reperfusion: remote ischemic preconditioning. <i>Scientific Reports</i> , 2017 , 7, 7629	4.9	16
329	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

328	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
327	Impact of electrical defibrillation on infarct size and no-reflow in pigs subjected to myocardial ischemia-reperfusion without and with ischemic conditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H871-H878	5.2	29
326	Remote Ischemic Conditioning for Acute Myocardial Infarction 2017 , 255-271		
325	Hepatocyte nuclear factor 1A deficiency causes hemolytic anemia in mice by altering erythrocyte sphingolipid homeostasis. <i>Blood</i> , 2017 , 130, 2786-2798	2.2	6
324	Data Sharing: A New Editorial Initiative of the International Committee of Medical Journal Editors. Implications for the Editors' Network. <i>Arquivos Brasileiros De Cardiologia</i> , 2017 , 108, 390-395	1.2	0
323	Data Sharing: A New Editorial Initiative of the International Committee of Medical Journal Editors. Implications for the Editors' Network. <i>Archivos De Cardiologia De Mexico</i> , 2017 , 87, 101-107	0.2	
322	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
321	Time to Give Up on Cardioprotection? A Critical Appraisal of Clinical Studies on Ischemic Pre-, Post-, and Remote Conditioning. <i>Circulation Research</i> , 2016 , 119, 676-95	15.7	127
320	Remote ischemic preconditioning in patients undergoing cardiovascular surgery: Evidence from a meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2016 , 221, 34-41	3.2	24
319	Myocardial Ischemia: Lack of Coronary Blood Flow or Myocardial Oxygen Supply/Demand Imbalance?. <i>Circulation Research</i> , 2016 , 119, 194-6	15.7	35
318	Ischaemic conditioning and targeting reperfusion injury: a 30' year voyage of discovery. <i>Basic Research in Cardiology</i> , 2016 , 111, 70	11.8	192
317	Influence of stent implantation on erythrocyte aggregation in human native coronary arteries and saphenous vein grafts. <i>Microcirculation</i> , 2016 , 23, 637-645	2.9	4
316	Confounders of Cardioprotection by Remote Ischemic Preconditioning in Patients Undergoing Coronary Artery Bypass Grafting. <i>Cardiology</i> , 2016 , 133, 128-33	1.6	41
315	Resting heart rate is an independent predictor of all-cause mortality in the middle aged general population. <i>Clinical Research in Cardiology</i> , 2016 , 105, 601-12	6.1	21
314	Hepatocyte Nuclear Factor 1A Is a Cell-Intrinsic Transcription Factor Required for B Cell Differentiation and Development in Mice. <i>Journal of Immunology</i> , 2016 , 196, 1655-65	5.3	13
313	ERICCA and RIPHeart: two nails in the coffin for cardioprotection by remote ischemic conditioning? Probably not!. <i>European Heart Journal</i> , 2016 , 37, 200-2	9.5	61
312	Current Results of Surgical Aortic Valve Replacement: Insights From the German Aortic Valve Registry. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 658-66	2.7	35
311	Quantification and characterisation of released plaque material during bioresorbable vascular scaffold implantation into right coronary artery lesions by multimodality intracoronary imaging. <i>EuroIntervention</i> , 2016 , 12, 1481-1489	3.1	6

310	Myocardial injury during transfemoral transcatheter aortic valve implantation: an intracoronary Doppler and cardiac magnetic resonance imaging study. <i>EuroIntervention</i> , 2016 , 11, 1401-8	3.1	13
309	Cardiac Computed Tomography in Certified German Chest Pain Units. <i>Critical Pathways in Cardiology</i> , 2016 , 15, 11-5	1.3	4
308	Sphingosine-1-Phosphate Receptor 1 Regulates Cardiac Function by Modulating Ca ²⁺ Sensitivity and Na ⁺ /H ⁺ Exchange and Mediates Protection by Ischemic Preconditioning. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	35
307	Quality of Life After Transcatheter Aortic Valve Replacement: Prospective Data From GARY (German Aortic Valve Registry). <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2541-2554	5	34
306	Ivabradine in chronic stable angina: Effects by and beyond heart rate reduction. <i>International Journal of Cardiology</i> , 2016 , 215, 1-6	3.2	30
305	Kinetics and Signal Activation Properties of Circulating Factor(s) From Healthy Volunteers Undergoing Remote Ischemic Pre-Conditioning. <i>JACC Basic To Translational Science</i> , 2016 , 1, 3-13	8.7	39
304	Ivabradine: Cardioprotection By and Beyond Heart Rate Reduction. <i>Drugs</i> , 2016 , 76, 733-40	12.1	11
303	The Coronary Circulation as a Target of Cardioprotection. <i>Circulation Research</i> , 2016 , 118, 1643-58	15.7	142
302	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
301	Heart rate reduction and longevity in mice. <i>Basic Research in Cardiology</i> , 2015 , 110, 2	11.8	21
300	Molecular basis of cardioprotection: signal transduction in ischemic pre-, post-, and remote conditioning. <i>Circulation Research</i> , 2015 , 116, 674-99	15.7	528
299	Integrated FDG PET/MR Imaging for the Assessment of Myocardial Salvage in Reperfused Acute Myocardial Infarction. <i>Radiology</i> , 2015 , 276, 400-7	20.5	31
298	Sphingosine-1-phosphate receptor 3 promotes leukocyte rolling by mobilizing endothelial P-selectin. <i>Nature Communications</i> , 2015 , 6, 6416	17.4	55
297	Evolving therapies for myocardial ischemia/reperfusion injury. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1454-71	15.1	548
296	Defects of High-Density Lipoproteins in Coronary Artery Disease Caused by Low Sphingosine-1-Phosphate Content: Correction by Sphingosine-1-Phosphate-Loading. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1470-85	15.1	78
295	Intraaortic Protection From Embolization in Patients Undergoing Transaortic Transcatheter Aortic Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 686-91	2.7	45
294	Letter by Mblenkamp et al Regarding Articles, "Can Intensive Exercise Harm the Heart? The Benefits of Competitive Endurance Training for Cardiovascular Structure and Function" and "Can Intensive Exercise Harm the Heart? You Can Get Too Much of a Good Thing". <i>Circulation</i> , 2015 , 131, e524	16.7	2
293	The German CPU Registry: Dyspnea independently predicts negative short-term outcome in patients admitted to German Chest Pain Units. <i>International Journal of Cardiology</i> , 2015 , 181, 88-95	3.2	14

292	Chest Pain Centers: A Comparison of Accreditation Programs in Germany and the United States. <i>Critical Pathways in Cardiology</i> , 2015 , 14, 67-73	1.3	19
291	Treatment of Myocardial Ischemia/Reperfusion Injury by Ischemic and Pharmacological Postconditioning. <i>Comprehensive Physiology</i> , 2015 , 5, 1123-45	7.7	47
290	Circulating NOS3 modulates left ventricular remodeling following reperfused myocardial infarction. <i>PLoS ONE</i> , 2015 , 10, e0120961	3.7	18
289	Across-Species Transfer of Protection by Remote Ischemic Preconditioning With Species-Specific Myocardial Signal Transduction by Reperfusion Injury Salvage Kinase and Survival Activating Factor Enhancement Pathways. <i>Circulation Research</i> , 2015 , 117, 279-88	15.7	116
288	Remote ischemic conditioning. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 177-95	15.1	391
287	Assessment of potential cardiovascular risks of methylphenidate in comparison with sibutramine: do we need a SCOUT (trial)?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015 , 265, 233-47	5.1	8
286	Guideline-adherence and perspectives in the acute management of unstable angina - Initial results from the German chest pain unit registry. <i>Journal of Cardiology</i> , 2015 , 66, 108-13	3	23
285	Release of Intracoronary Microparticles during Stent Implantation into Stable Atherosclerotic Lesions under Protection with an Aspiration Device. <i>PLoS ONE</i> , 2015 , 10, e0124904	3.7	13
284	The German Aortic Valve Registry (GARY): in-hospital outcome. <i>European Heart Journal</i> , 2014 , 35, 1588-98	9.5	245
283	Cardiovascular remodelling in coronary artery disease and heart failure. <i>Lancet, The</i> , 2014 , 383, 1933-43	40	469
282	Interaction of risk factors, comorbidities, and comedications with ischemia/reperfusion injury and cardioprotection by preconditioning, postconditioning, and remote conditioning. <i>Pharmacological Reviews</i> , 2014 , 66, 1142-74	22.5	424
281	Interference of propofol with signal transducer and activator of transcription 5 activation and cardioprotection by remote ischemic preconditioning during coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 376-82	1.5	124
280	Silent cerebral ischemia after thoracic endovascular aortic repair: a neuroimaging study. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 53-8	2.7	36
279	ESC working group cellular biology of the heart: position paper: improving the preclinical assessment of novel cardioprotective therapies. <i>Cardiovascular Research</i> , 2014 , 104, 399-411	9.9	108
278	Circulating nitrite contributes to cardioprotection by remote ischemic preconditioning. <i>Circulation Research</i> , 2014 , 114, 1601-10	15.7	244
277	The German Aortic Valve Registry: 1-year results from 13,680 patients with aortic valve disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 808-16	3	124
276	HDL-bound sphingosine 1-phosphate (S1P) predicts the severity of coronary artery atherosclerosis. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 172-84	3.9	56
275	Is there a need for distal protection during native vessel percutaneous coronary intervention in patients with stable coronary artery disease?. <i>Journal of Cardiovascular Medicine</i> , 2014 , 15, 170-2	1.9	4

274	Disease distribution and outcome in troponin-positive patients with or without revascularization in a chest pain unit: results of the German CPU-Registry. <i>Clinical Research in Cardiology</i> , 2014 , 103, 29-40	6.1	28
273	microRNA expression and its potential role in cardioprotection by ischemic postconditioning in pigs. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 1953-61	4.6	22
272	No evidence for activated autophagy in left ventricular myocardium at early reperfusion with protection by remote ischemic preconditioning in patients undergoing coronary artery bypass grafting. <i>PLoS ONE</i> , 2014 , 9, e96567	3.7	39
271	TAVI for low-flow, low-gradient severe aortic stenosis with preserved or reduced ejection fraction: a subgroup analysis from the German Aortic Valve Registry (GARY). <i>EuroIntervention</i> , 2014 , 10, 850-9	3.1	59
270	The antiarrhythmic dipeptide ZP1609 (danegaptide) when given at reperfusion reduces myocardial infarct size in pigs. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013 , 386, 383-91	3.4	40
269	Risk factors for thrombus formation on the Amplatzer Cardiac Plug after left atrial appendage occlusion. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 606-13	5	66
268	Coronary aspirate TNF- α reflects saphenous vein bypass graft restenosis risk in diabetic patients. <i>Cardiovascular Diabetology</i> , 2013 , 12, 12	8.7	20
267	Cardioprotective and prognostic effects of remote ischaemic preconditioning in patients undergoing coronary artery bypass surgery: a single-centre randomised, double-blind, controlled trial. <i>Lancet, The</i> , 2013 , 382, 597-604	40	328
266	Nitroglycerin does not interfere with protection by remote ischemic preconditioning in patients with surgical coronary revascularization under isoflurane anesthesia. <i>Cardiovascular Drugs and Therapy</i> , 2013 , 27, 359-61	3.9	27
265	Incidence, predictors, origin and prevention of early and late neurological events after transcatheter aortic valve implantation (TAVI): a comprehensive review of current data. <i>Journal of Thrombosis and Thrombolysis</i> , 2013 , 35, 436-49	5.1	11
264	Reply to the editor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 733-4	1.5	
263	The German CPU Registry: comparison of troponin positive to troponin negative patients. <i>International Journal of Cardiology</i> , 2013 , 168, 1651-3	3.2	16
262	Cardioprotection: chances and challenges of its translation to the clinic. <i>Lancet, The</i> , 2013 , 381, 166-75	40	390
261	Preparatory balloon aortic valvuloplasty during transcatheter aortic valve implantation for improved valve sizing. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 965-71	5	43
260	Selective inhibition of Cx43 hemichannels by Gap19 and its impact on myocardial ischemia/reperfusion injury. <i>Basic Research in Cardiology</i> , 2013 , 108, 309	11.8	172
259	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> , 2013 , 98, 7-27	9.9	172
258	Coronary microembolization during early reperfusion: infarct extension, but protection by ischaemic postconditioning. <i>European Heart Journal</i> , 2013 , 34, 3314-21	9.5	50
257	Transcoronary septal ablation in hypertrophic obstructive cardiomyopathy by embolizing microspheres. <i>European Heart Journal</i> , 2013 , 34, 2489	9.5	2

256	The regional myocardial flow-function relationship: a framework for an understanding of acute ischemia, hibernation, stunning and coronary microembolization. 1980. <i>Circulation Research</i> , 2013 , 112, 1535-7	15.7	34
255	Characterization of vasomotor responses in different vascular territories of C57BL/6J mice. <i>Experimental Biology and Medicine</i> , 2013 , 238, 1180-91	3.7	13
254	Aspirate from human stented native coronary arteries vs. saphenous vein grafts: more endothelin but less particulate debris. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1222-9	5.2	22
253	Response to letters regarding article, Cerebral embolization during transcatheter aortic valve implantation: a transcranial Doppler study <i>Circulation</i> , 2013 , 127, e591-2	16.7	3
252	Pleiotropic effects of antiarrhythmic agents: dronedarone in the treatment of atrial fibrillation. <i>Clinical Medicine Insights: Cardiology</i> , 2013 , 7, 127-40	3.2	18
251	Infarct size reduction by cyclosporine A at reperfusion involves inhibition of the mitochondrial permeability transition pore but does not improve mitochondrial respiration. <i>Archives of Medical Science</i> , 2013 , 9, 968-75	2.9	16
250	The STAT3 inhibitor stattic impairs cardiomyocyte mitochondrial function through increased reactive oxygen species formation. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6890-5	3.3	61
249	Connexin 43 impacts on mitochondrial potassium uptake. <i>Frontiers in Pharmacology</i> , 2013 , 4, 73	5.6	43
248	TNF- α myocardial perfusion and function in patients with ST-segment elevation myocardial infarction and primary percutaneous coronary intervention. <i>Clinical Research in Cardiology</i> , 2012 , 101, 815-27	6.1	20
247	Pre- and early in-hospital procedures in patients with acute coronary syndromes: first results of the "German chest pain unit registry". <i>Clinical Research in Cardiology</i> , 2012 , 101, 983-91	6.1	36
246	Calcium antagonists in myocardial ischemia/reperfusion--update 2012. <i>Wiener Medizinische Wochenschrift</i> , 2012 , 162, 302-10	2.9	7
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