

# Georg Nickenig

## List of Publications by Citations

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494  
papers

30,012  
citations

87  
h-index

164  
g-index

528  
ext. papers

34,400  
ext. citations

5.8  
avg, IF

6.73  
L-index

#	Paper	IF	Citations
494	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , <b>2012</b> , 33, 2451-96	9.5	2866
493	Circulating endothelial progenitor cells and cardiovascular outcomes. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 999-1007	59.2	1760
492	Guidelines on the management of valvular heart disease (version 2012): the Joint Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 42, S1-44	3	1002
491	Physical training increases endothelial progenitor cells, inhibits neointima formation, and enhances angiogenesis. <i>Circulation</i> , <b>2004</b> , 109, 220-6	16.7	669
490	Increased NADH-oxidase-mediated superoxide production in the early stages of atherosclerosis: evidence for involvement of the renin-angiotensin system. <i>Circulation</i> , <b>1999</b> , 99, 2027-33	16.7	617
489	Intravenous transfusion of endothelial progenitor cells reduces neointima formation after vascular injury. <i>Circulation Research</i> , <b>2003</b> , 93, e17-24	15.7	569
488	Incidence, predictors, and outcomes of aortic regurgitation after transcatheter aortic valve replacement: meta-analysis and systematic review of literature. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 1585-95	15.1	551
487	Cellular antioxidant effects of atorvastatin in vitro and in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 300-5	9.4	503
486	Estrogen increases bone marrow-derived endothelial progenitor cell production and diminishes neointima formation. <i>Circulation</i> , <b>2003</b> , 107, 3059-65	16.7	391
485	HMG-CoA reductase inhibitors improve endothelial dysfunction in normocholesterolemic hypertension via reduced production of reactive oxygen species. <i>Hypertension</i> , <b>2001</b> , 37, 1450-7	8.5	385
484	Bone marrow-derived progenitor cells modulate vascular reendothelialization and neointimal formation: effect of 3-hydroxy-3-methylglutaryl coenzyme a reductase inhibition. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 1567-72	9.4	381
483	Modulation of antioxidant enzyme expression and function by estrogen. <i>Circulation Research</i> , <b>2003</b> , 93, 170-7	15.7	357
482	Oxygen free radical release in human failing myocardium is associated with increased activity of rac1-GTPase and represents a target for statin treatment. <i>Circulation</i> , <b>2003</b> , 108, 1567-74	16.7	348
481	Paclitaxel balloon coating, a novel method for prevention and therapy of restenosis. <i>Circulation</i> , <b>2004</b> , 110, 810-4	16.7	344
480	Estrogen modulates AT1 receptor gene expression in vitro and in vivo. <i>Circulation</i> , <b>1998</b> , 97, 2197-201	16.7	337
479	Statin-sensitive dysregulated AT1 receptor function and density in hypercholesterolemic men. <i>Circulation</i> , <b>1999</b> , 100, 2131-4	16.7	336
478	Endothelial microparticle-mediated transfer of MicroRNA-126 promotes vascular endothelial cell repair via SPRED1 and is abrogated in glucose-damaged endothelial microparticles. <i>Circulation</i> , <b>2013</b> , 128, 2026-38	16.7	327

477	Percutaneous mitral valve edge-to-edge repair: in-hospital results and 1-year follow-up of 628 patients of the 2011-2012 Pilot European Sentinel Registry. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 875-84	15.1	319
476	The AT(1)-type angiotensin receptor in oxidative stress and atherogenesis: part I: oxidative stress and atherogenesis. <i>Circulation</i> , <b>2002</b> , 105, 393-6	16.7	318
475	Interleukin-6 induces oxidative stress and endothelial dysfunction by overexpression of the angiotensin II type 1 receptor. <i>Circulation Research</i> , <b>2004</b> , 94, 534-41	15.7	316
474	Atorvastatin upregulates type III nitric oxide synthase in thrombocytes, decreases platelet activation, and protects from cerebral ischemia in normocholesterolemic mice. <i>Stroke</i> , <b>2000</b> , 31, 2442-9	6.7	310
473	Inhibition of geranylgeranylation reduces angiotensin II-mediated free radical production in vascular smooth muscle cells: involvement of angiotensin AT1 receptor expression and Rac1 GTPase. <i>Molecular Pharmacology</i> , <b>2001</b> , 59, 646-54	4.3	309
472	Aortic regurgitation index defines severity of peri-prosthetic regurgitation and predicts outcome in patients after transcatheter aortic valve implantation. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 1134-41	15.1	304
471	One-year outcomes and predictors of mortality after MitraClip therapy in contemporary clinical practice: results from the German transcatheter mitral valve interventions registry. <i>European Heart Journal</i> , <b>2016</b> , 37, 703-12	9.5	279
470	Risk and fate of cerebral embolism after transfemoral aortic valve implantation: a prospective pilot study with diffusion-weighted magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1427-32	15.1	261
469	Circulating CD31+/annexin V+ apoptotic microparticles correlate with coronary endothelial function in patients with coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 112-6	9.4	258
468	Circulating CD31+/Annexin V+ microparticles correlate with cardiovascular outcomes. <i>European Heart Journal</i> , <b>2011</b> , 32, 2034-41	9.5	245
467	Rosuvastatin, a new HMG-CoA reductase inhibitor, upregulates endothelial nitric oxide synthase and protects from ischemic stroke in mice. <i>Brain Research</i> , <b>2002</b> , 942, 23-30	3.7	245
466	CD34-/CD133+/VEGFR-2+ endothelial progenitor cell subpopulation with potent vasoregenerative capacities. <i>Circulation Research</i> , <b>2006</b> , 98, e20-5	15.7	244
465	Modulation of oxidant and antioxidant enzyme expression and function in vascular cells. <i>Hypertension</i> , <b>2004</b> , 44, 381-6	8.5	237
464	Suppression of endothelial nitric oxide production after withdrawal of statin treatment is mediated by negative feedback regulation of rho GTPase gene transcription. <i>Circulation</i> , <b>2000</b> , 102, 3104-10	16.7	231
463	Transcatheter aortic valve replacement in bicuspid aortic valve disease. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 2330-9	15.1	228
462	Transcatheter Treatment of Severe Tricuspid Regurgitation With the Edge-to-Edge MitraClip Technique. <i>Circulation</i> , <b>2017</b> , 135, 1802-1814	16.7	225
461	Renal function as predictor of mortality in patients after percutaneous transcatheter aortic valve implantation. <i>JACC: Cardiovascular Interventions</i> , <b>2010</b> , 3, 1141-9	5	225
460	Myeloperoxidase acts as a profibrotic mediator of atrial fibrillation. <i>Nature Medicine</i> , <b>2010</b> , 16, 470-4	50.5	221

459	Influence of cardiovascular risk factors on endothelial progenitor cells: limitations for therapy?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 257-66	9.4	209
458	MicroRNA expression in circulating microvesicles predicts cardiovascular events in patients with coronary artery disease. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e001249	6	205
457	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 333ra50	17.5	204
456	Insulin induces upregulation of vascular AT1 receptor gene expression by posttranscriptional mechanisms. <i>Circulation</i> , <b>1998</b> , 98, 2453-60	16.7	181
455	Physical inactivity increases oxidative stress, endothelial dysfunction, and atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 809-14	9.4	179
454	Rapid effects on vascular function after initiation and withdrawal of atorvastatin in healthy, normocholesterolemic men. <i>American Journal of Cardiology</i> , <b>2001</b> , 88, 1306-7	3	167
453	Inhibition of diet-induced atherosclerosis and endothelial dysfunction in apolipoprotein E/angiotensin II type 1A receptor double-knockout mice. <i>Circulation</i> , <b>2004</b> , 110, 3062-7	16.7	165
452	Pleiotropic effects of HMG-CoA reductase inhibitors. <i>Basic Research in Cardiology</i> , <b>2002</b> , 97, 105-16	11.8	161
451	Impact of HMG CoA reductase inhibition on small GTPases in the heart. <i>Cardiovascular Research</i> , <b>2002</b> , 53, 911-20	9.9	153
450	Improvement of endothelial function by systemic transfusion of vascular progenitor cells. <i>Circulation Research</i> , <b>2006</b> , 99, e74-83	15.7	151
449	The AT(1)-type angiotensin receptor in oxidative stress and atherogenesis: Part II: AT(1) receptor regulation. <i>Circulation</i> , <b>2002</b> , 105, 530-6	16.7	149
448	Evaluation and management of paravalvular aortic regurgitation after transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 11-20	15.1	146
447	Running exercise of different duration and intensity: effect on endothelial progenitor cells in healthy subjects. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2005</b> , 12, 407-14		146
446	The 2011-12 pilot European Sentinel Registry of Transcatheter Aortic Valve Implantation: in-hospital results in 4,571 patients. <i>EuroIntervention</i> , <b>2013</b> , 8, 1362-71	3.1	142
445	Withdrawal of statin treatment abrogates stroke protection in mice. <i>Stroke</i> , <b>2003</b> , 34, 551-7	6.7	140
444	High glucose condition increases NADPH oxidase activity in endothelial microparticles that promote vascular inflammation. <i>Cardiovascular Research</i> , <b>2013</b> , 98, 94-106	9.9	138
443	Endothelial dysfunction and oxidative stress during estrogen deficiency in spontaneously hypertensive rats. <i>Circulation</i> , <b>2001</b> , 103, 435-41	16.7	138
442	Compassionate use of the PASCAL transcatheter mitral valve repair system for patients with severe mitral regurgitation: a multicentre, prospective, observational, first-in-man study. <i>Lancet, The</i> , <b>2017</b> , 390, 773-780	40	136

441	Endothelial progenitor cells correlate with endothelial function in patients with coronary artery disease. <i>Basic Research in Cardiology</i> , <b>2007</b> , 102, 565-71	11.8	135
440	Prospective multicenter evaluation of the direct flow medical transcatheter aortic valve. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 763-8	15.1	134
439	The future of transcatheter mitral valve interventions: competitive or complementary role of repair vs. replacement?. <i>European Heart Journal</i> , <b>2015</b> , 36, 1651-9	9.5	133
438	Rapid effect of 3-hydroxy-3-methylglutaryl coenzyme a reductase inhibition on coronary endothelial function. <i>Circulation Research</i> , <b>2003</b> , 93, e98-103	15.7	132
437	Angiotensin II type 1 receptor antagonism improves hypercholesterolemia-associated endothelial dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 1208-12	9.4	131
436	Cardioband, a transcatheter surgical-like direct mitral valve annuloplasty system: early results of the feasibility trial. <i>European Heart Journal</i> , <b>2016</b> , 37, 817-25	9.5	130
435	Extracellular Vesicles in Cardiovascular Disease: Potential Applications in Diagnosis, Prognosis, and Epidemiology. <i>Circulation Research</i> , <b>2017</b> , 120, 1649-1657	15.7	127
434	Transcatheter edge-to-edge repair for reduction of tricuspid regurgitation: 6-month outcomes of the TRILUMINATE single-arm study. <i>Lancet, The</i> , <b>2019</b> , 394, 2002-2011	4.0	126
433	Differential effects of estrogen and progesterone on AT(1) receptor gene expression in vascular smooth muscle cells. <i>Circulation</i> , <b>2000</b> , 102, 1828-33	16.7	124
432	A Bicuspid Aortic Valve Imaging Classification for the TAVR Era. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 1145-1158	8.4	124
431	Effects of a quercetin-rich onion skin extract on 24 h ambulatory blood pressure and endothelial function in overweight-to-obese patients with (pre-)hypertension: a randomised double-blinded placebo-controlled cross-over trial. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 1263-77	3.6	122
430	The International Multicenter TriValve Registry: Which Patients Are Undergoing Transcatheter Tricuspid Repair?. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 1982-1990	5	120
429	Addition of paclitaxel to contrast media prevents restenosis after coronary stent implantation. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 42, 1415-20	15.1	116
428	First-in-man use of a novel embolic protection device for patients undergoing transcatheter aortic valve implantation. <i>EuroIntervention</i> , <b>2012</b> , 8, 43-50	3.1	115
427	Raloxifene improves endothelial dysfunction in hypertension by reduced oxidative stress and enhanced nitric oxide production. <i>Circulation</i> , <b>2002</b> , 105, 2083-91	16.7	112
426	Comparison of the effectiveness of transcatheter aortic valve implantation in patients with stenotic bicuspid versus tricuspid aortic valves (from the German TAVI Registry). <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 518-21	3	106
425	Blood transfusion and the risk of acute kidney injury after transcatheter aortic valve implantation. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 680-8	6	105
424	Comparison of cryoballoon and radiofrequency ablation of pulmonary veins in 40 patients with paroxysmal atrial fibrillation: a case-control study. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 1343-8	2.7	104

423	Systemic inflammatory response syndrome predicts increased mortality in patients after transcatheter aortic valve implantation. <i>European Heart Journal</i> , <b>2012</b> , 33, 1459-68	9.5	103
422	Clinical Outcomes With a Repositionable Self-Expanding Transcatheter Aortic Valve Prosthesis: The International FORWARD Study. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 845-853	15.1	101
421	6-Month Outcomes of Tricuspid Valve Reconstruction for Patients With Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1905-1915	15.1	100
420	Transcatheter treatment of severe tricuspid regurgitation with the MitraClip system. <i>European Heart Journal</i> , <b>2016</b> , 37, 849-53	9.5	100
419	Endothelial microparticle uptake in target cells is annexin I/phosphatidylserine receptor dependent and prevents apoptosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1925-35	9.4	99
418	Transcatheter Mitral Annuloplasty in Chronic Functional Mitral Regurgitation: 6-Month Results With the Cardioband Percutaneous Mitral Repair System. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 2039-2047	5	98
417	Combined targeting of lentiviral vectors and positioning of transduced cells by magnetic nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 44-9	11.5	95
416	Vascular endothelial microparticles-incorporated microRNAs are altered in patients with diabetes mellitus. <i>Cardiovascular Diabetology</i> , <b>2016</b> , 15, 49	8.7	93
415	Pathophysiological regulation of the AT1-receptor and implications for vascular disease. <i>Journal of Hypertension</i> , <b>2006</b> , 24, S15-21	1.9	93
414	Seven weeks of Western diet in apolipoprotein-E-deficient mice induce metabolic syndrome and non-alcoholic steatohepatitis with liver fibrosis. <i>Scientific Reports</i> , <b>2015</b> , 5, 12931	4.9	92
413	Optimal Implantation Depth and Adherence to Guidelines on Permanent Pacing to Improve the Results of Transcatheter Aortic Valve Replacement With the Medtronic CoreValve System: The CoreValve Prospective, International, Post-Market ADVANCE-II Study. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 837-846	5	90
412	Transcatheter mitral valve repair for functional mitral regurgitation using the Cardioband system: 1 year outcomes. <i>European Heart Journal</i> , <b>2019</b> , 40, 466-472	9.5	90
411	Treatment of Chronic Functional Mitral Valve Regurgitation With a Percutaneous Annuloplasty System. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2927-36	15.1	89
410	Salt induces vascular AT1 receptor overexpression in vitro and in vivo. <i>Hypertension</i> , <b>1998</b> , 31, 1272-7	8.5	89
409	Evidence for a causal role of the renin-angiotensin system in nitrate tolerance. <i>Circulation</i> , <b>1999</b> , 99, 3181-7	16.7	89
408	Activation of endothelial toll-like receptor 3 impairs endothelial function. <i>Circulation Research</i> , <b>2011</b> , 108, 1358-66	15.7	87
407	Persistence of iatrogenic atrial septal defect after interventional mitral valve repair with the MitraClip system: a note of caution. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 450-459	5	86
406	Endothelial microparticles reduce ICAM-1 expression in a microRNA-222-dependent mechanism. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 2202-14	5.6	86

405	The vascular smooth muscle type I angiotensin II receptor mRNA is destabilized by cyclic AMP-elevating agents. <i>Molecular Pharmacology</i> , <b>1997</b> , 52, 781-7	4.3	86
404	Progesterone antagonizes the vasoprotective effect of estrogen on antioxidant enzyme expression and function. <i>Circulation Research</i> , <b>2005</b> , 97, 1046-54	15.7	81
403	Impact of paravalvular leakage on outcome in patients after transcatheter aortic valve implantation. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 858-65	5	79
402	Redox-sensitive vascular smooth muscle cell proliferation is mediated by GKLf and Id3 in vitro and in vivo. <i>FASEB Journal</i> , <b>2002</b> , 16, 1077-86	0.9	76
401	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation: Results From the TriValve Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1451-1461	5	74
400	Development of a risk score for outcome after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , <b>2014</b> , 103, 631-40	6.1	74
399	Intercellular transfer of miR-126-3p by endothelial microparticles reduces vascular smooth muscle cell proliferation and limits neointima formation by inhibiting LRP6. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2017</b> , 104, 43-52	5.8	73
398	Angiotensin II impairs endothelial progenitor cell number and function in vitro and in vivo: implications for vascular regeneration. <i>Hypertension</i> , <b>2011</b> , 58, 394-403	8.5	73
397	Circulating progenitor cell count for cardiovascular risk stratification: a pooled analysis. <i>PLoS ONE</i> , <b>2010</b> , 5, e11488	3.7	72
396	CB1 receptor inhibition leads to decreased vascular AT1 receptor expression, inhibition of oxidative stress and improved endothelial function. <i>Basic Research in Cardiology</i> , <b>2010</b> , 105, 465-77	11.8	70
395	One-year results of the SCORPIUS study: a German multicenter investigation on the effectiveness of sirolimus-eluting stents in diabetic patients. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 1627-34	15.1	70
394	Angiotensin AT1 receptor over-expression in hypercholesterolaemia. <i>Annals of Medicine</i> , <b>2000</b> , 32, 386-91	1.5	69
393	Left atrial deformation imaging with ultrasound based two-dimensional speckle-tracking predicts the rate of recurrence of paroxysmal and persistent atrial fibrillation after successful ablation procedures. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2012</b> , 23, 247-55	2.7	68
392	Identification of a novel redox-sensitive gene, Id3, which mediates angiotensin II-induced cell growth. <i>Circulation</i> , <b>2002</b> , 105, 2423-8	16.7	68
391	Rapid immunomodulation by rosuvastatin in patients with acute coronary syndrome. <i>European Heart Journal</i> , <b>2006</b> , 27, 2945-55	9.5	67
390	Should angiotensin II receptor blockers and statins be combined?. <i>Circulation</i> , <b>2004</b> , 110, 1013-20	16.7	67
389	Atherosclerotic Conditions Promote the Packaging of Functional MicroRNA-92a-3p Into Endothelial Microvesicles. <i>Circulation Research</i> , <b>2019</b> , 124, 575-587	15.7	67
388	Endothelial-regenerating cells: an expanding universe. <i>Hypertension</i> , <b>2010</b> , 55, 593-9	8.5	66

387	Prevalence, factors associated with, and prognostic effects of preoperative anemia on short- and long-term mortality in patients undergoing transcatheter aortic valve implantation. <i>Circulation: Cardiovascular Interventions</i> , <b>2013</b> , 6, 625-34	6	65
386	Cognitive trajectory after transcatheter aortic valve implantation. <i>Circulation: Cardiovascular Interventions</i> , <b>2013</b> , 6, 615-24	6	64
385	Focused ultrasound-induced stimulation of microbubbles augments site-targeted engraftment of mesenchymal stem cells after acute myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 411-8	5.8	61
384	Down-regulation of Rac-1 GTPase by Estrogen. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 5956-62	5.4	61
383	Outcomes of Redo Transcatheter Aortic Valve Replacement for the Treatment of Postprocedural and Late Occurrence of Paravalvular Regurgitation and Transcatheter Valve Failure. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	59
382	Transcatheter Edge-to-Edge Repair for Treatment of Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 229-239	15.1	58
381	Local and general anaesthesia do not influence outcome of transfemoral aortic valve implantation. <i>International Journal of Cardiology</i> , <b>2014</b> , 177, 448-54	3.2	56
380	The impact of peripheral arterial disease on early outcome after transcatheter aortic valve implantation: results from the German Transcatheter Aortic Valve Interventions Registry. <i>American Heart Journal</i> , <b>2012</b> , 164, 102-10.e1	4.9	55
379	Circulating endothelial progenitor cells correlate with erectile function in patients with coronary heart disease. <i>European Heart Journal</i> , <b>2006</b> , 27, 2184-8	9.5	55
378	Induction of p53 by GSK3 is essential for inhibition of proliferation of vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 43, 301-7	5.8	55
377	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation: A Multicenter, Observational, First-in-Human Experience. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2488-2495	5	55
376	Incidence and predictors of permanent pacemaker implantation following transcatheter aortic valve implantation: analysis from the German transcatheter aortic valve interventions registry. <i>Catheterization and Cardiovascular Interventions</i> , <b>2013</b> , 82, E569-77	2.7	54
375	Interrelationship of free oxygen radicals and endothelial dysfunction--modulation by statins. <i>Endothelium: Journal of Endothelial Cell Research</i> , <b>2003</b> , 10, 23-33		54
374	Resolution of giant left atrial appendage thrombus with rivaroxaban. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 109, 583-4	7	53
373	Multidrug resistance protein-1 affects oxidative stress, endothelial dysfunction, and atherogenesis via leukotriene C4 export. <i>Circulation</i> , <b>2008</b> , 117, 2912-8	16.7	51
372	Mechanisms of increased vascular superoxide production in an experimental model of idiopathic dilated cardiomyopathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 2554-9	9.4	51
371	Decrease of pulmonary hypertension impacts on prognosis after transcatheter aortic valve replacement. <i>EuroIntervention</i> , <b>2014</b> , 9, 1042-9	3.1	50
370	High-density lipoprotein exerts vasculoprotection via endothelial progenitor cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 4623-35	5.6	49



369	High prevalence of obstructive sleep apnea in patients with resistant paroxysmal atrial fibrillation after pulmonary vein isolation. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2010</b> , 29, 37-41	2.4	49
368	Endothelial progenitor cells in health and atherosclerotic disease. <i>Annals of Medicine</i> , <b>2007</b> , 39, 82-90	1.5	49
367	In vitro differentiation characteristics of cultured human mononuclear cells-implications for endothelial progenitor cell biology. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 333, 476-82	3.4	49
366	Monocytic microparticles promote atherogenesis by modulating inflammatory cells in mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2012</b> , 16, 2777-88	5.6	47
365	Atheroprotection via cannabinoid receptor-2 is mediated by circulating and vascular cells in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 51, 1007-14	5.8	45
364	Tracking of systemically administered mononuclear cells in the ischemic brain by high-field magnetic resonance imaging. <i>NeuroImage</i> , <b>2006</b> , 33, 886-97	7.9	45
363	Neutrophil-derived myeloperoxidase promotes atherogenesis and neointima formation in mice. <i>International Journal of Cardiology</i> , <b>2016</b> , 204, 29-36	3.2	44
362	Three-dimensional speckle-tracking analysis of left ventricular function after transcatheter aortic valve implantation. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 827-834.e1	5.8	44
361	Destabilization of AT(1) receptor mRNA by calreticulin. <i>Circulation Research</i> , <b>2002</b> , 90, 53-8	15.7	42
360	Negative feedback regulation of reactive oxygen species on AT1 receptor gene expression. <i>British Journal of Pharmacology</i> , <b>2000</b> , 131, 795-803	8.6	42
359	Impact of tricuspid valve regurgitation in surgical high-risk patients undergoing MitraClip implantation: results from the TRAMI registry. <i>EuroIntervention</i> , <b>2017</b> , 12, e1809-e1816	3.1	42
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226	Outcome in patients with left common pulmonary vein after cryoablation with second-generation cryoballoon. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2018</b> , 41, 22-27	1.6	13



225	Predictors of 1-Year Mortality After Transcatheter Aortic Valve Implantation in Patients With and Without Advanced Chronic Kidney Disease. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 2025-2030	3	12
224	Sleep apnoea is common in severe peripheral arterial disease. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181733	3.7	12
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205	Prevalence and Impact of Sleep Disordered Breathing in Patients with Severe Aortic Stenosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133176	3.7	10
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203	The Mitralign transcatheter direct mitral valve annuloplasty system. <i>EuroIntervention</i> , <b>2015</b> , 11 Suppl W, W62-3	3.1	10
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201	Myeloid-Specific Deletion of Diacylglycerol Lipase Inhibits Atherogenesis in ApoE-Deficient Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146267	3.7	10
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109	Personalized cardiac regeneration by stem cells-Hype or hope?. <i>EPMA Journal</i> , <b>2011</b> , 2, 119-30	8.8	3
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