

# Georg Nickenig

## List of Publications by Year in descending order

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521  
papers

38,044  
citations

2669

95  
h-index

3476

182  
g-index

528  
all docs

528  
docs citations

528  
times ranked

29531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012, 33, 2451-2496.	1.0	3,465
2	Circulating Endothelial Progenitor Cells and Cardiovascular Outcomes. <i>New England Journal of Medicine</i> , 2005, 353, 999-1007.	13.9	1,948
3	Guidelines on the management of valvular heart disease (version 2012). <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, S1-S44.	0.6	1,313
4	Physical Training Increases Endothelial Progenitor Cells, Inhibits Neointima Formation, and Enhances Angiogenesis. <i>Circulation</i> , 2004, 109, 220-226.	1.6	764
5	Incidence, Predictors, and Outcomes of Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1585-1595.	1.2	702
6	Increased NADH-Oxidase-Mediated Superoxide Production in the Early Stages of Atherosclerosis. <i>Circulation</i> , 1999, 99, 2027-2033.	1.6	661
7	Intravenous Transfusion of Endothelial Progenitor Cells Reduces Neointima Formation After Vascular Injury. <i>Circulation Research</i> , 2003, 93, e17-24.	2.0	641
8	Cellular Antioxidant Effects of Atorvastatin In Vitro and In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 300-305.	1.1	546
9	HMG-CoA Reductase Inhibitors Improve Endothelial Dysfunction in Normocholesterolemic Hypertension via Reduced Production of Reactive Oxygen Species. <i>Hypertension</i> , 2001, 37, 1450-1457.	1.3	431
10	Estrogen Increases Bone Marrow-Derived Endothelial Progenitor Cell Production and Diminishes Neointima Formation. <i>Circulation</i> , 2003, 107, 3059-3065.	1.6	427
11	Bone Marrow-Derived Progenitor Cells Modulate Vascular Reendothelialization and Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1567-1572.	1.1	415
12	Modulation of Antioxidant Enzyme Expression and Function by Estrogen. <i>Circulation Research</i> , 2003, 93, 170-177.	2.0	406
13	Interleukin-6 Induces Oxidative Stress and Endothelial Dysfunction by Overexpression of the Angiotensin II Type 1 Receptor. <i>Circulation Research</i> , 2004, 94, 534-541.	2.0	399
14	Percutaneous Mitral Valve Edge-to-Edge Repair. <i>Journal of the American College of Cardiology</i> , 2014, 64, 875-884.	1.2	398
15	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> , 2003, 108, 1567-1574.	1.6	396
16	Paclitaxel Balloon Coating, a Novel Method for Prevention and Therapy of Restenosis. <i>Circulation</i> , 2004, 110, 810-814.	1.6	394
17	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> , 2013, 128, 2026-2038.	1.6	391
18	Estrogen Modulates AT Receptor Gene Expression In Vitro and In Vivo. <i>Circulation</i> , 1998, 97, 2197-2201.	1.6	374

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19	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> , 2016, 37, 703-712.	1.0	373
20	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> , 2012, 59, 1134-1141.	1.2	371
21	Statin-Sensitive Dysregulated AT1 Receptor Function and Density in Hypercholesterolemic Men. <i>Circulation</i> , 1999, 100, 2131-2134.	1.6	370
22	Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice. <i>Stroke</i> , 2000, 31, 2442-2449.	1.0	359
23	The AT 1 -Type Angiotensin Receptor in Oxidative Stress and Atherogenesis. <i>Circulation</i> , 2002, 105, 393-396.	1.6	355
24	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> , 2001, 59, 646-654.	1.0	335
25	Risk and Fate of Cerebral Embolism After Transfemoral Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1427-1432.	1.2	313
26	Transcatheter Treatment of Severe Tricuspid Regurgitation With the Edge-to-Edge MitraClip Technique. <i>Circulation</i> , 2017, 135, 1802-1814.	1.6	313
27	CD34 <sup>+</sup> /CD133 <sup>+</sup> /VEGFR-2 <sup>+</sup> Endothelial Progenitor Cell Subpopulation With Potent Vasoregenerative Capacities. <i>Circulation Research</i> , 2006, 98, e20-5.	2.0	297
28	Circulating CD31 <sup>+</sup> /Annexin V <sup>+</sup> microparticles correlate with cardiovascular outcomes. <i>European Heart Journal</i> , 2011, 32, 2034-2041.	1.0	292
29	Circulating CD31 <sup>+</sup> /Annexin V <sup>+</sup> Apoptotic Microparticles Correlate With Coronary Endothelial Function in Patients With Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 112-116.	1.1	290
30	Myeloperoxidase acts as a profibrotic mediator of atrial fibrillation. <i>Nature Medicine</i> , 2010, 16, 470-474.	15.2	283
31	Transcatheter edge-to-edge repair for reduction of tricuspid regurgitation: 6-month outcomes of the TRILUMINATE single-arm study. <i>Lancet</i> , 2019, 394, 2002-2011.	6.3	283
32	Transcatheter Aortic Valve Replacement in Bicuspid Aortic Valve Disease. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2330-2339.	1.2	280
33	Modulation of Oxidant and Antioxidant Enzyme Expression and Function in Vascular Cells. <i>Hypertension</i> , 2004, 44, 381-386.	1.3	277
34	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> , 2000, 102, 3104-3110.	1.6	274
35	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016, 8, 333ra50.	5.8	271
36	Rosuvastatin, a new HMG-CoA reductase inhibitor, upregulates endothelial nitric oxide synthase and protects from ischemic stroke in mice. <i>Brain Research</i> , 2002, 942, 23-30.	1.1	270

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37	MicroRNA Expression in Circulating Microvesicles Predicts Cardiovascular Events in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2014, 3, e001249.	1.6	266
38	Renal Function as Predictor of Mortality in Patients After Percutaneous Transcatheter Aortic Valve Implantation. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 1141-1149.	1.1	260
39	Transcatheter Edge-to-Edge Repair for Treatment of Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2021, 77, 229-239.	1.2	247
40	Physical Inactivity Increases Oxidative Stress, Endothelial Dysfunction, and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 809-814.	1.1	232
41	Influence of Cardiovascular Risk Factors on Endothelial Progenitor Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 257-266.	1.1	228
42	Insulin Induces Upregulation of Vascular AT <sub>1</sub> Receptor Gene Expression by Posttranscriptional Mechanisms. <i>Circulation</i> , 1998, 98, 2453-2460.	1.6	203
43	Extracellular Vesicles in Cardiovascular Disease. <i>Circulation Research</i> , 2017, 120, 1649-1657.	2.0	190
44	Pleiotropic effects of HMG-CoA reductase inhibitors. <i>Basic Research in Cardiology</i> , 2002, 97, 105-116.	2.5	187
45	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</i> , 2017, 390, 773-780.	6.3	187
46	Evaluation and Management of Paravalvular Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2013, 62, 11-20.	1.2	186
47	Impact of HMG CoA reductase inhibition on small GTPases in the heart. <i>Cardiovascular Research</i> , 2002, 53, 911-920.	1.8	182
48	Rapid effects on vascular function after initiation and withdrawal of atorvastatin in healthy, normocholesterolemic men. <i>American Journal of Cardiology</i> , 2001, 88, 1306-1307.	0.7	181
49	Inhibition of Diet-Induced Atherosclerosis and Endothelial Dysfunction in Apolipoprotein E/Angiotensin II Type 1A Receptor Double-Knockout Mice. <i>Circulation</i> , 2004, 110, 3062-3067.	1.6	179
50	Improvement of Endothelial Function by Systemic Transfusion of Vascular Progenitor Cells. <i>Circulation Research</i> , 2006, 99, e74-83.	2.0	177
51	High glucose condition increases NADPH oxidase activity in endothelial microparticles that promote vascular inflammation. <i>Cardiovascular Research</i> , 2013, 98, 94-106.	1.8	177
52	Running exercise of different duration and intensity: effect on endothelial progenitor cells in healthy subjects. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 407-414.	3.1	175
53	The International Multicenter TriValve Registry. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1982-1990.	1.1	175
54	A Bicuspid Aortic Valve Imaging Classification for the TAVR Era. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1145-1158.	2.3	174

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55	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> , 2015, 114, 1263-1277.	1.2	172
56	6-Month Outcomes of Tricuspid Valve Reconstruction for Patients With Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1905-1915.	1.2	172
57	The AT1-Type Angiotensin Receptor in Oxidative Stress and Atherogenesis. <i>Circulation</i> , 2002, 105, 530-536.	1.6	170
58	The future of transcatheter mitral valve interventions: competitive or complementary role of repair vs. replacement?. <i>European Heart Journal</i> , 2015, 36, 1651-1659.	1.0	168
59	The 2011-12 pilot European Sentinel Registry of Transcatheter Aortic Valve Implantation: in-hospital results in 4,571 patients. <i>EuroIntervention</i> , 2013, 8, 1362-1371.	1.4	168
60	Endothelial Dysfunction and Oxidative Stress During Estrogen Deficiency in Spontaneously Hypertensive Rats. <i>Circulation</i> , 2001, 103, 435-441.	1.6	161
61	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1451-1461.	1.1	160
62	Cardioband, a transcatheter surgical-like direct mitral valve annuloplasty system: early results of the feasibility trial. <i>European Heart Journal</i> , 2016, 37, 817-825.	1.0	156
63	Endothelial progenitor cells correlate with endothelial function in patients with coronary artery disease. <i>Basic Research in Cardiology</i> , 2007, 102, 565-571.	2.5	155
64	Rapid Effect of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition on Coronary Endothelial Function. <i>Circulation Research</i> , 2003, 93, e98-103.	2.0	153
65	Withdrawal of Statin Treatment Abrogates Stroke Protection in Mice. <i>Stroke</i> , 2003, 34, 551-557.	1.0	153
66	Prospective Multicenter Evaluation of the DirectFlow Medical Transcatheter Aortic Valve. <i>Journal of the American College of Cardiology</i> , 2014, 63, 763-768.	1.2	151
67	Differential Effects of Estrogen and Progesterone on AT <sub>1</sub> Receptor Gene Expression in Vascular Smooth Muscle Cells. <i>Circulation</i> , 2000, 102, 1828-1833.	1.6	149
68	Angiotensin II Type 1 Receptor Antagonism Improves Hypercholesterolemia-Associated Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1208-1212.	1.1	142
69	Clinical Outcomes With a Repositionable Self-Expanding Transcatheter Aortic Valve Prosthesis. <i>Journal of the American College of Cardiology</i> , 2017, 70, 845-853.	1.2	141
70	Addition of paclitaxel to contrast media prevents restenosis after coronary stent implantation. <i>Journal of the American College of Cardiology</i> , 2003, 42, 1415-1420.	1.2	137
71	Transcatheter treatment for tricuspid valve disease. <i>EuroIntervention</i> , 2021, 17, 791-808.	1.4	136
72	Transcatheter mitral valve repair for functional mitral regurgitation using the Cardioband system: 1 year outcomes. <i>European Heart Journal</i> , 2019, 40, 466-472.	1.0	133

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73	Transcatheter Mitral Annuloplasty in Chronic Functional Mitral Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2039-2047.	1.1	129
74	Systemic inflammatory response syndrome predicts increased mortality in patients after transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2012, 33, 1459-1468.	1.0	127
75	Seven weeks of Western diet in apolipoprotein-E-deficient mice induce metabolic syndrome and non-alcoholic steatohepatitis with liver fibrosis. <i>Scientific Reports</i> , 2015, 5, 12931.	1.6	127
76	Blood Transfusion and the Risk of Acute Kidney Injury After Transcatheter Aortic Valve Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 680-688.	1.4	125
77	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> , 2014, 113, 518-521.	0.7	125
78	Persistence of Iatrogenic Atrial Septal Defect After Interventional Mitral Valve Repair With the MitraClip System. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 450-459.	1.1	125
79	First-in-man use of a novel embolic protection device for patients undergoing transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2012, 8, 43-50.	1.4	125
80	Aortic Valve Stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 885-900.	1.1	124
81	Comparison of Cryoballoon and Radiofrequency Ablation of Pulmonary Veins in 40 Patients with Paroxysmal Atrial Fibrillation: A Caseâ€Control Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 1343-1348.	0.8	123
82	Optimal Implantation Depth and Adherence to Guidelines on Permanent Pacing to Improve the Results of Transcatheter Aortic Valve Replacement With the Medtronic CoreValve System. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 837-846.	1.1	123
83	Transcatheter treatment of severe tricuspid regurgitation with the MitraClip system. <i>European Heart Journal</i> , 2016, 37, 849-853.	1.0	121
84	Atherosclerotic Conditions Promote the Packaging of Functional MicroRNA-92a-3p Into Endothelial Microvesicles. <i>Circulation Research</i> , 2019, 124, 575-587.	2.0	121
85	Vascular endothelial microparticles-incorporated microRNAs are altered in patients with diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2016, 15, 49.	2.7	116
86	Raloxifene Improves Endothelial Dysfunction in Hypertension by Reduced Oxidative Stress and Enhanced Nitric Oxide Production. <i>Circulation</i> , 2002, 105, 2083-2091.	1.6	115
87	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> , 2009, 106, 44-49.	3.3	110
88	Endothelial Microparticle Uptake in Target Cells Is Annexin I/Phosphatidylserine Receptor Dependent and Prevents Apoptosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1925-1935.	1.1	110
89	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2488-2495.	1.1	109
90	Activation of Endothelial Toll-Like Receptor 3 Impairs Endothelial Function. <i>Circulation Research</i> , 2011, 108, 1358-1366.	2.0	107

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91	Treatment of Chronic Functional Mitral Valve Regurgitation With a Percutaneous Annuloplasty System. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2927-2936.	1.2	105
92	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> , 2017, 104, 43-52.	0.9	104
93	Salt Induces Vascular AT <sub>1</sub> Receptor Overexpression In Vitro and In Vivo. <i>Hypertension</i> , 1998, 31, 1272-1277.	1.3	103
94	Pathophysiological regulation of the AT <sub>1</sub> -receptor and implications for vascular disease. <i>Journal of Hypertension</i> , 2006, 24, S15-S21.	0.3	103
95	Endothelial microparticles reduce ICAM-1 expression in a microRNA-dependent mechanism. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2202-2214.	1.6	102
96	Tricuspid valve repair with the Cardioband system: two-year outcomes of the multicentre, prospective TRI-REPAIR study. <i>EuroIntervention</i> , 2021, 16, e1264-e1271.	1.4	100
97	Progesterone Antagonizes the Vasoprotective Effect of Estrogen on Antioxidant Enzyme Expression and Function. <i>Circulation Research</i> , 2005, 97, 1046-1054.	2.0	98
98	Impact of Paravalvular Leakage on Outcome in Patients After Transcatheter Aortic Valve Implantation. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 858-865.	1.1	98
99	Evidence for a Causal Role of the Renin-Angiotensin System in Nitrate Tolerance. <i>Circulation</i> , 1999, 99, 3181-3187.	1.6	96
100	Right Ventricular-Pulmonary Arterial Coupling and Afterload Reserve in Patients Undergoing Transcatheter Tricuspid Valve Repair. <i>Journal of the American College of Cardiology</i> , 2022, 79, 448-461.	1.2	96
101	Development of a risk score for outcome after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2014, 103, 631-640.	1.5	92
102	The Vascular Smooth Muscle Type I Angiotensin II Receptor mRNA Is Destabilized by Cyclic AMP-Elevating Agents. <i>Molecular Pharmacology</i> , 1997, 52, 781-787.	1.0	91
103	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> , 2012, 23, 247-255.	0.8	90
104	Chimney Stenting for Coronary Occlusion During TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 751-761.	1.1	90
105	Should Angiotensin II Receptor Blockers and Statins Be Combined?. <i>Circulation</i> , 2004, 110, 1013-1020.	1.6	86
106	Redox-sensitive vascular smooth muscle cell proliferation is mediated by GSK3 and Id3 in vitro and in vivo. <i>FASEB Journal</i> , 2002, 16, 1077-1086.	0.2	85
107	Rapid immunomodulation by rosuvastatin in patients with acute coronary syndrome. <i>European Heart Journal</i> , 2006, 27, 2945-2955.	1.0	85
108	One-Year Results of the SCORPIUS Study. <i>Journal of the American College of Cardiology</i> , 2007, 50, 1627-1634.	1.2	85

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109	Angiotensin II Impairs Endothelial Progenitor Cell Number and Function In Vitro and In Vivo. Hypertension, 2011, 58, 394-403.	1.3	85
110	Circulating Progenitor Cell Count for Cardiovascular Risk Stratification: A Pooled Analysis. PLoS ONE, 2010, 5, e11488.	1.1	84
111	Outcomes of Redo Transcatheter Aortic Valve Replacement for the Treatment of Postprocedural and Late Occurrence of Paravalvular Regurgitation and Transcatheter Valve Failure. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	83
112	Vascular pathologies in chronic kidney disease: pathophysiological mechanisms and novel therapeutic approaches. Journal of Molecular Medicine, 2021, 99, 335-348.	1.7	83
113	Cognitive Trajectory After Transcatheter Aortic Valve Implantation. Circulation: Cardiovascular Interventions, 2013, 6, 615-624.	1.4	82
114	Angiotensin AT1 receptor over-expression in hypercholesterolaemia. Annals of Medicine, 2000, 32, 386-389.	1.5	81
115	CB1 receptor inhibition leads to decreased vascular AT1 receptor expression, inhibition of oxidative stress and improved endothelial function. Basic Research in Cardiology, 2010, 105, 465-477.	2.5	80
116	Identification of a Novel Redox-Sensitive Gene, Id3, Which Mediates Angiotensin II-Induced Cell Growth. Circulation, 2002, 105, 2423-2428.	1.6	78
117	Prevalence, Factors Associated With, and Prognostic Effects of Preoperative Anemia on Short- and Long-Term Mortality in Patients Undergoing Transcatheter Aortic Valve Implantation. Circulation: Cardiovascular Interventions, 2013, 6, 625-634.	1.4	77
118	Endothelial-Regenerating Cells. Hypertension, 2010, 55, 593-599.	1.3	73
119	Long-term outcome, survival and predictors of mortality after MitraClip therapy: Results from the German Transcatheter Mitral Valve Interventions (TRAMI) registry. International Journal of Cardiology, 2019, 277, 35-41.	0.8	72
120	Decrease of pulmonary hypertension impacts on prognosis after transcatheter aortic valve replacement. EuroIntervention, 2014, 9, 1042-1049.	1.4	71
121	Incidence and predictors of permanent pacemaker implantation following transcatheter aortic valve implantation: Analysis from the german transcatheter aortic valve interventions registry. Catheterization and Cardiovascular Interventions, 2013, 82, E569-77.	0.7	70
122	Focused ultrasound-induced stimulation of microbubbles augments site-targeted engraftment of mesenchymal stem cells after acute myocardial infarction. Journal of Molecular and Cellular Cardiology, 2009, 47, 411-418.	0.9	69
123	Intravascular Lithotripsy in Calcified Coronary Lesions. Circulation: Cardiovascular Interventions, 2019, 12, e008154.	1.4	69
124	Down-regulation of Rac-1 GTPase by Estrogen. Journal of Biological Chemistry, 2003, 278, 5956-5962.	1.6	68
125	The impact of peripheral arterial disease on early outcome after transcatheter aortic valve implantation. American Heart Journal, 2012, 164, 102-110.e1.	1.2	65
126	Local and general anaesthesia do not influence outcome of transfemoral aortic valve implantation. International Journal of Cardiology, 2014, 177, 448-454.	0.8	65



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127	High prevalence of obstructive sleep apnea in patients with resistant paroxysmal atrial fibrillation after pulmonary vein isolation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2010, 29, 37-41.	0.6	63
128	Combined Tricuspid and Mitral Versus Isolated Mitral Valve Repair for Severe MR and TR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 543-550.	1.1	63
129	Implication of pulmonary hypertension in patients undergoing MitraClip therapy: results from the German transcatheter mitral valve interventions (TRAMI) registry. <i>European Journal of Heart Failure</i> , 2018, 20, 585-594.	2.9	62
130	Balloon Versus Self-Expandable Valve for the Treatment of Bicuspid Aortic Valve Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008714.	1.4	62
131	Impact of tricuspid valve regurgitation in surgical high-risk patients undergoing MitraClip implantation: results from the TRAMI registry. <i>EuroIntervention</i> , 2017, 12, e1809-e1816.	1.4	62
132	Circulating endothelial progenitor cells correlate with erectile function in patients with coronary heart disease. <i>European Heart Journal</i> , 2006, 27, 2184-2188.	1.0	61
133	Resolution of giant left atrial appendage thrombus with rivaroxaban. <i>Thrombosis and Haemostasis</i> , 2013, 109, 583-584.	1.8	61
134	Statins improve NASH via inhibition of RhoA and Ras. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G724-G733.	1.6	61
135	Mechanisms of Increased Vascular Superoxide Production in an Experimental Model of Idiopathic Dilated Cardiomyopathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2554-2559.	1.1	60
136	Endothelial progenitor cells in health and atherosclerotic disease. <i>Annals of Medicine</i> , 2007, 39, 82-90.	1.5	59
137	Interrelationship of Free Oxygen Radicals and Endothelial Dysfunction—Modulation by Statins. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2003, 10, 23-33.	1.7	58
138	Induction of p53 by GSK3 is essential for inhibition of proliferation of vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 43, 301-307.	0.9	58
139	Monocytic microparticles promote atherogenesis by modulating inflammatory cells in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2777-2788.	1.6	58
140	Coronary Protection to Prevent Coronary Obstruction During TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 739-747.	1.1	58
141	Neutrophil-derived myeloperoxidase promotes atherogenesis and neointima formation in mice. <i>International Journal of Cardiology</i> , 2016, 204, 29-36.	0.8	57
142	The RNA-binding protein hnRNPU regulates the sorting of microRNA-30c into large extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1786967.	5.5	56
143	Multidrug Resistance Protein-1 Affects Oxidative Stress, Endothelial Dysfunction, and Atherogenesis via Leukotriene C <sub>4</sub> Export. <i>Circulation</i> , 2008, 117, 2912-2918.	1.6	55
144	High-density lipoprotein exerts vasculoprotection via endothelial progenitor cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4623-4635.	1.6	53

#	ARTICLE	IF	CITATIONS
145	Atheroprotection via cannabinoid receptor-2 is mediated by circulating and vascular cells in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 1007-1014.	0.9	52
146	Experimental research Thrombin inhibition by dabigatran attenuates atherosclerosis in ApoE deficient mice. <i>Archives of Medical Science</i> , 2014, 1, 154-160.	0.4	52
147	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1251-1261.	1.1	52
148	Three-Dimensional Speckle-Tracking Analysis of Left Ventricular Function after Transcatheter Aortic Valve Implantation. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 827-834.e1.	1.2	51
149	Acute Changes of Mitral Valve Geometry During Interventional Edge-to-Edge Repair With the MitraClip System Are Associated With Midterm Outcomes in Patients With Functional Valve Disease. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 390-399.	1.4	51
150	In vitro differentiation characteristics of cultured human mononuclear cells—implications for endothelial progenitor cell biology. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 476-482.	1.0	50
151	Effect of atorvastatin 80 mg on endothelial cell function (forearm blood flow) in patients with pretreatment serum low-density lipoprotein cholesterol levels <130 mg/dl. <i>American Journal of Cardiology</i> , 2004, 93, 84-88.	0.7	49
152	Negative feedback regulation of reactive oxygen species on AT1 receptor gene expression. <i>British Journal of Pharmacology</i> , 2000, 131, 795-803.	2.7	48
153	Tracking of systemically administered mononuclear cells in the ischemic brain by high-field magnetic resonance imaging. <i>NeuroImage</i> , 2006, 33, 886-897.	2.1	48
154	Enhanced heterogeneity of myocardial conduction and severe cardiac electrical instability in annexin A7-deficient mice. <i>Cardiovascular Research</i> , 2007, 76, 257-268.	1.8	47
155	The revised EuroSCORE II for the prediction of mortality in patients undergoing transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2013, 102, 821-829.	1.5	47
156	Immediate and 12-Month Outcomes of Ischemic Versus Nonischemic Functional Mitral Regurgitation in Patients Treated With MitraClip (from the 2011 to 2012 Pilot Sentinel Registry of Percutaneous) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3</i> <i>Cardiology</i> , 2017, 119, 630-637.	0.7	47
157	Device-Related Thrombus After Left Atrial Appendage Closure: Data on Thrombus Characteristics, Treatment Strategies, and Clinical Outcomes From the EUROCR-DRT-Registry. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010195.	1.4	46
158	Diagnostic Value of Echocardiography in the Diagnosis of Pulmonary Hypertension. <i>PLoS ONE</i> , 2012, 7, e38519.	1.1	46
159	The prognostic value of acute and chronic troponin elevation after transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2016, 11, 1522-1529.	1.4	46
160	Endothelial Damage and Regeneration: The Role of the Renin-Angiotensin-Aldosterone System. <i>Current Hypertension Reports</i> , 2011, 13, 86-92.	1.5	45
161	No effects of quercetin from onion skin extract on serum leptin and adiponectin concentrations in overweight-to-obese patients with (pre-)hypertension: a randomized double-blinded, placebo-controlled crossover trial. <i>European Journal of Nutrition</i> , 2017, 56, 2265-2275.	1.8	45
162	Destabilization of AT1Receptor mRNA by Calreticulin. <i>Circulation Research</i> , 2002, 90, 53-58.	2.0	44

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163	Impact of baseline tricuspid regurgitation on long-term clinical outcomes and survival after interventional edge-to-edge repair for mitral regurgitation. <i>Clinical Research in Cardiology</i> , 2017, 106, 350-358.	1.5	44
164	Essential Role of Bone Marrow Fibroblast Growth Factor-2 in the Effect of Estradiol on Reendothelialization and Endothelial Progenitor Cell Mobilization. <i>American Journal of Pathology</i> , 2006, 169, 1855-1862.	1.9	43
165	Induction of Atrial Fibrillation by Neutrophils Critically Depends on CD11b/CD18 Integrins. <i>PLoS ONE</i> , 2014, 9, e89307.	1.1	43
166	Risk scores and biomarkers for the prediction of 1-year outcome after transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2015, 170, 821-829.	1.2	43
167	Interventional Direct Annuloplasty for Functional Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 415-416.	1.1	42
168	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1999-2009.	1.1	42
169	Prognosis of octogenarians with severe aortic valve stenosis at high risk for cardiovascular surgery. <i>Heart</i> , 2010, 96, 1831-1836.	1.2	41
170	Thrombus Formation After Left Atrial Appendage Occlusion With the AmplatzerÂAmulet Device. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 71-75.	1.3	41
171	Outcomes of transcatheter tricuspid valve intervention by right ventricular function: a multicentre propensity-matched analysis. <i>EuroIntervention</i> , 2021, 17, e343-e352.	1.4	41
172	2-Year Outcomes for Transcatheter Repair in Patients With Mitral Regurgitation From the CLASP Study. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1538-1548.	1.1	40
173	Proinflammatory Stimulation of Toll-Like Receptor 9 with High Dose CpG ODN 1826 Impairs Endothelial Regeneration and Promotes Atherosclerosis in Mice. <i>PLoS ONE</i> , 2016, 11, e0146326.	1.1	40
174	Effect of Intensive Versus Moderate Lipid Lowering on Endothelial Function and Vascular Responsiveness to Angiotensin II in Stable Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2005, 96, 1361-1364.	0.7	39
175	Microparticles â€“ messengers of biological information. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2250-2256.	1.6	38
176	Hypoxia-induced endothelial dysfunction in apolipoprotein E-deficient mice; effects of infliximab and l-glutathione. <i>Atherosclerosis</i> , 2014, 236, 400-410.	0.4	38
177	Impact of Renal Dysfunction on Results of Transcatheter Aortic Valve Replacement Outcomes in a Large Multicenter Cohort. <i>American Journal of Cardiology</i> , 2016, 118, 1888-1896.	0.7	37
178	Acute intake of quercetin from onion skin extract does not influence postprandial blood pressure and endothelial function in overweight-to-obese adults with hypertension: a randomized, double-blind, placebo-controlled, crossover trial. <i>European Journal of Nutrition</i> , 2017, 56, 1347-1357.	1.8	37
179	Impact of Untreated Obstructive Sleep Apnea on Left and Right Ventricular Myocardial Function and Effects of CPAP Therapy. <i>PLoS ONE</i> , 2013, 8, e76352.	1.1	37
180	Inhibition of leukotriene C4 action reduces oxidative stress and apoptosis in cardiomyocytes and impedes remodeling after myocardial injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 570-577.	0.9	36

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181	Significant reduction in heart rate variability is a feature of acute decompensation of cirrhosis and predicts 90-day mortality. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 50, 568-579.	1.9	36
182	Predictors for short-term outcomes of patients undergoing transcatheter mitral valve interventions: analysis of 778 prospective patients from the German TRAMI registry focusing on baseline renal function. <i>EuroIntervention</i> , 2016, 12, 508-514.	1.4	36
183	Inhibition of endocannabinoid-degrading enzyme fatty acid amide hydrolase increases atherosclerotic plaque vulnerability in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 66, 126-132.	0.9	35
184	Prospective Multicenter Evaluation of the Direct Flow Medical Transcatheter Aortic Valve System. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 68-75.	1.1	35
185	Antiproliferative effect of estrogen in vascular smooth muscle cells is mediated by Kruppel-like factor-4 and manganese superoxide dismutase. <i>Basic Research in Cardiology</i> , 2011, 106, 563-575.	2.5	34
186	Usefulness of Sleep-Disordered Breathing to Predict Occurrence of Appropriate and Inappropriate Implantable-Cardioverter Defibrillator Therapy in Patients With Implantable Cardioverter-Defibrillator for Primary Prevention of Sudden Cardiac Death. <i>American Journal of Cardiology</i> , 2013, 111, 1319-1323.	0.7	34
187	Recurrent Mitral Regurgitation After MitraClip: Predictive Factors, Morphology, and Clinical Implication. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, CIRCINTERVENTIONS121010895.	1.4	34
188	Rosuvastatin induces apoptosis in CD4+CD28null T cells in patients with acute coronary syndromes. <i>Clinical Research in Cardiology</i> , 2011, 100, 147-158.	1.5	33
189	Pre-Procedural Hemodynamic Status Improves the Discriminatory Value of the Aortic Regurgitation Index in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 700-711.	1.1	33
190	Periprocedural Myocardial Injury Depends on Transcatheter Heart Valve Type But Does Not Predict Mortality in Patients After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1550-1560.	1.1	33
191	Asthma is associated with atherosclerotic artery changes. <i>PLoS ONE</i> , 2017, 12, e0186820.	1.1	33
192	Thirty-day outcomes of the Cardioband tricuspid system for patients with symptomatic functional tricuspid regurgitation: The TriBAND study. <i>EuroIntervention</i> , 2021, 17, 809-817.	1.4	33
193	Transapical mitral valve implantation for treatment of symptomatic mitral valve disease: a real-world multicentre experience. <i>European Journal of Heart Failure</i> , 2022, 24, 899-907.	2.9	33
194	First in vitro and in vivo results of an anti-human CD133-antibody coated coronary stent in the porcine model. <i>Clinical Research in Cardiology</i> , 2013, 102, 413-425.	1.5	32
195	Hospital admissions during Covid-19 lock-down in Germany: Differences in discretionary and unavoidable cardiovascular events. <i>PLoS ONE</i> , 2020, 15, e0242653.	1.1	32
196	Role of integrin-linked kinase in vascular smooth muscle cells: Regulation by statins and angiotensin II. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 883-889.	1.0	31
197	Leaflet Configuration and Residual Tricuspid Regurgitation After Transcatheter Edge-to-Edge Tricuspid Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2260-2270.	1.1	30
198	Cardiac conduction disturbances and differential effects on atrial and ventricular electrophysiological properties in desmin deficient mice. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2010, 28, 71-80.	0.6	29

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199	Left atrial pressure as predictor for recurrence of atrial fibrillation after pulmonary vein isolation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2013, 38, 107-114.	0.6	29
200	Influence of non-cardiac comorbidities on outcome after percutaneous mitral valve repair: results from the German transcatheter mitral valve interventions (TRAMI) registry. <i>Clinical Research in Cardiology</i> , 2015, 104, 1044-1053.	1.5	29
201	Routine Endovascular Treatment With a Stent Graft for Access-Site and Access-Related Vascular Injury in Transfemoral Transcatheter Aortic Valve Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	1.4	29
202	Kinetics of Circulating MicroRNAs in Response to Cardiac Stress in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	29
203	12-Month outcomes of transcatheter tricuspid valve repair with the PASCAL system for severe tricuspid regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1281-1289.	0.7	29
204	Differential profile of the OPG/RANKL/RANK-system in degenerative aortic native and bioprosthetic valves. <i>Journal of Heart Valve Disease</i> , 2008, 17, 187-93.	0.5	29
205	Is the degeneration of aortic valve bioprostheses similar to that of native aortic valves? Insights into valvular pathology. <i>Expert Review of Medical Devices</i> , 2006, 3, 453-462.	1.4	28
206	Next-Generation Transcatheter Heart Valves: Current Trials in Europe and the USA. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 8, 9.	0.5	28
207	Impact of coronary artery disease in patients undergoing transfemoral transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , 2017, 245, 215-221.	0.8	28
208	MicroRNAs As Master Regulators of Atherosclerosis: From Pathogenesis to Novel Therapeutic Options. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 621-644.	2.5	28
209	Safety and Efficacy of Protamine Administration for Prevention of Bleeding Complications in Patients Undergoing TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1471-1480.	1.1	28
210	Prognostic value of cerebral injury following transfemoral aortic valve implantation. <i>EuroIntervention</i> , 2013, 8, 1296-1306.	1.4	28
211	Endothelial RIG-I activation impairs endothelial function. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 66-71.	1.0	27
212	Impact of left ventricular conduction defect with or without need for permanent right ventricular pacing on functional and clinical recovery after TAVR. <i>Clinical Research in Cardiology</i> , 2015, 104, 964-974.	1.5	27
213	Relaxin reduces susceptibility to post-infarct atrial fibrillation in mice due to anti-fibrotic and anti-inflammatory properties. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 643-649.	1.0	27
214	Increased myocardial contractility identifies patients with decompensated cirrhosis requiring liver transplantation. <i>Liver Transplantation</i> , 2018, 24, 15-25.	1.3	27
215	Cardiovascular magnetic resonance imaging and clinical performance of somatostatin receptor positron emission tomography in cardiac sarcoidosis. <i>ESC Heart Failure</i> , 2018, 5, 249-261.	1.4	27
216	Current status and future perspective of structural heart disease intervention. <i>Journal of Cardiology</i> , 2019, 74, 1-12.	0.8	27

#	ARTICLE	IF	CITATIONS
217	Gender-related differences in patients undergoing transcatheter mitral valve interventions in clinical practice: 1-year results from the German TRAMI registry. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 819-829.	0.7	27
218	Incidence, predictors and outcomes of device-related thrombus after left atrial appendage closure with the WATCHMAN device—Insights from the EWOLUTION real world registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E1019-E1024.	0.7	27
219	Effects of atrial fibrillation and heart rate on percutaneous mitral valve repair with MitraClip: results from the TRANscatheter Mitral valve Interventions (TRAMI) registry. <i>EuroIntervention</i> , 2017, 12, 1697-1705.	1.4	27
220	Synergistic effects of telmisartan and simvastatin on endothelial progenitor cells. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1645-1656.	1.6	26
221	Normal impulse propagation in the atrioventricular conduction system of Cx30.2/Cx40 double deficient mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 644-652.	0.9	26
222	Estrogen improves vascular function via peroxisome-proliferator-activated-receptor- $\beta$ . <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 268-276.	0.9	26
223	The impact of transcatheter aortic valve implantation on quality of life: results from the German transcatheter aortic valve interventions registry. <i>Clinical Research in Cardiology</i> , 2015, 104, 877-886.	1.5	26
224	Left Ventricular Longitudinal Contractility Predicts Acute-on-Chronic Liver Failure Development and Mortality After Transjugular Intrahepatic Portosystemic Shunt. <i>Hepatology Communications</i> , 2019, 3, 340-347.	2.0	26
225	Impact of the Leaflet-to-Annulus Index on Residual Mitral Regurgitation in Patients Undergoing Edge-to-Edge Mitral Repair. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2462-2472.	1.1	26
226	17 $\beta$ -Estradiol inhibits monocyte adhesion via down-regulation of Rac1 GTPase. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 87-95.	0.9	25
227	Telmisartan inhibits $\beta$ 2-integrin MAC-1 expression in human T-lymphocytes. <i>Journal of Hypertension</i> , 2006, 24, 1891-1898.	0.3	25
228	Differential antiplatelet effects of angiotensin converting enzyme inhibitors. <i>Clinical Research in Cardiology</i> , 2006, 95, 212-216.	1.5	25
229	Connexin45 Provides Optimal Atrioventricular Nodal Conduction in the Adult Mouse Heart. <i>Circulation Research</i> , 2012, 111, 1528-1538.	2.0	25
230	Transcatheter aortic valve implantation leads to a restoration of von Willebrand factor (VWF) abnormalities in patients with severe aortic stenosis — Incidence and relevance of clinical and subclinical VWF dysfunction in patients undergoing transfemoral TAVI. <i>Thrombosis Research</i> , 2017, 151, 23-28.	0.8	25
231	German Multicenter Experience With a New Leaflet-Based Transcatheter Mitral Valve Repair System for Mitral Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2769-2778.	1.1	25
232	Opportunistic Computed Tomography Imaging for the Assessment of Fatty Muscle Fraction Predicts Outcome in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation</i> , 2020, 141, 234-236.	1.6	25
233	Left Phrenic Nerve Injury during Cryoballoon Ablation of the Left Superior Pulmonary Vein. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, e334-6.	0.5	24
234	AT <sub>1</sub> receptor regulation in salt-sensitive hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H1701-H1707.	1.5	23

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235	Regulation of antioxidant and oxidant enzymes in vascular cells and implications for vascular disease. <i>Current Hypertension Reports</i> , 2006, 8, 69-78.	1.5	23
236	Antiplatelet effects of antidepressant treatment: A randomized comparison between escitalopram and nortriptyline. <i>Thrombosis Research</i> , 2010, 126, e83-e87.	0.8	23
237	Treatment of a degenerative stenosed CoreValve <sup>®</sup> aortic bioprosthesis by transcatheter valve-in-valve insertion. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 748-755.	0.7	23
238	Underdiagnosis of Obstructive Sleep Apnoea in Peripheral Arterial Disease. <i>Respiration</i> , 2015, 89, 214-220.	1.2	23
239	First-in-man transapical mitral valve replacement using the Direct Flow Medical <sup>®</sup> aortic valve prosthesis. <i>European Heart Journal</i> , 2015, 36, 2119-2119.	1.0	23
240	Ursodeoxycholic acid impairs atherogenesis and promotes plaque regression by cholesterol crystal dissolution in mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 356-362.	1.0	23
241	Soluble ST2 for Risk Stratification and the Prediction of Mortality in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 986-993.	0.7	23
242	Subacute Subclinical Brain Infarctions after Transcatheter Aortic Valve Implantation Negatively Impact Cognitive Function in Long-Term Follow-Up. <i>PLoS ONE</i> , 2017, 12, e0168852.	1.1	23
243	Temporal trends of TAVI treatment characteristics in high volume centers in Germany 2013-2020. <i>Clinical Research in Cardiology</i> , 2022, 111, 881-888.	1.5	23
244	Influence of oxidized low-density lipoprotein on vascular angiotensin II receptor expression. <i>Journal of Hypertension</i> , 1997, 15, S27-S30.	0.3	22
245	Hydrodynamic Performance of the Medtronic CoreValve and the Edwards SAPIEN XT Transcatheter Heart Valve in Surgical Bioprostheses: An In Vitro Valve-in-Valve Model. <i>Annals of Thoracic Surgery</i> , 2016, 101, 118-124.	0.7	22
246	Impact of interventional edge-to-edge repair on mitral valve geometry. <i>International Journal of Cardiology</i> , 2017, 230, 468-475.	0.8	22
247	Outcome in patients with left common pulmonary vein after cryoablation with second-generation cryoballoon. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 22-27.	0.5	22
248	Chronic lower-dose relaxin administration protects from arrhythmia in experimental myocardial infarction due to anti-inflammatory and anti-fibrotic properties. <i>International Journal of Cardiology</i> , 2018, 250, 21-28.	0.8	22
249	Doppler-based renal resistance index for the detection of acute kidney injury and the non-invasive evaluation of paravalvular aortic regurgitation after transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2014, 9, 1309-1316.	1.4	22
250	Predictors and prognostic relevance of tricuspid alterations in patients undergoing transcatheter edge-to-edge mitral valve repair. <i>EuroIntervention</i> , 2021, 17, 827-834.	1.4	22
251	In vitro comparison of platinum-iridium and gold tip electrodes: lesion depth in 4 mm, 8 mm, and irrigated-tip radiofrequency ablation catheters. <i>Europace</i> , 2009, 11, 565-570.	0.7	21
252	The heterogenous nuclear riboprotein S1-1 regulates AT1 receptor gene expression via transcriptional and posttranscriptional mechanisms. <i>Archives of Biochemistry and Biophysics</i> , 2009, 488, 76-82.	1.4	21

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253	Five-year results of the Multicenter Randomized Controlled Open-Label Study of the CYPHER Sirolimus-Eluting Stent in the Treatment of Diabetic Patients with De Novo Native Coronary Artery Lesions (SCORPIUS) study: A German multicenter investigation on the effectiveness of sirolimus-eluting stents in diabetic patients. <i>American Heart Journal</i> , 2012, 163, 446-453.e1.	1.2	21
254	Invasive coronary angiography in patients with acute exacerbated COPD and elevated plasma troponin. <i>International Journal of COPD</i> , 2016, Volume 11, 2081-2089.	0.9	21
255	TAVI induces an elevation of hemostasis-related biomarkers, which is not causative for post-TAVI thrombocytopenia. <i>International Journal of Cardiology</i> , 2016, 221, 719-725.	0.8	21
256	Cardiac magnetic resonance using late gadolinium enhancement and atrial T1 mapping predicts poor outcome in patients with atrial fibrillation after catheter ablation therapy. <i>Scientific Reports</i> , 2018, 8, 13618.	1.6	21
257	MicroRNA-mediated vascular intercellular communication is altered in chronic kidney disease. <i>Cardiovascular Research</i> , 2022, 118, 316-333.	1.8	21
258	Machine Learning Identifies Clinical Parameters to Predict Mortality in Patients Undergoing Transcatheter Mitral Valve Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2027-2036.	1.1	21
259	CAD increases the long noncoding RNA PUNISHER in small extracellular vesicles and regulates endothelial cell function via vesicular shuttling. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 388-405.	2.3	21
260	Posttranscriptional regulation of the AT1 receptor mRNA: identification and functional characterization of the mRNA binding motif. <i>FASEB Journal</i> , 2001, 15, 1490-1492.	0.2	20
261	AT1-receptor-deficiency induced atheroprotection in diabetic mice is partially mediated via PPAR $\gamma$ . <i>Cardiovascular Diabetology</i> , 2013, 12, 30.	2.7	20
262	Impact of Endoscopic Lung Volume Reduction on Right Ventricular Myocardial Function. <i>PLoS ONE</i> , 2015, 10, e0121377.	1.1	20
263	Relation Between Clinical Best Practices and 6-Month Outcomes After Transcatheter Aortic Valve Implantation With CoreValve (from the ADVANCE II Study). <i>American Journal of Cardiology</i> , 2017, 119, 84-90.	0.7	20
264	Effect of Endobronchial Valve Therapy on Pulmonary Perfusion and Ventilation Distribution. <i>PLoS ONE</i> , 2015, 10, e0118976.	1.1	20
265	Insulin-like growth factor induces up-regulation of AT1-receptor gene expression in vascular smooth muscle cells. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2000, 1, 273-277.	1.0	19
266	Estrogen-Stimulated Endothelial Repair Requires Osteopontin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2131-2136.	1.1	19
267	Increased expression of C-reactive protein and tissue factor in acute coronary syndrome lesions. <i>Atherosclerosis</i> , 2009, 202, 135-143.	0.4	19
268	Fluoroscopy of Spontaneous Breathing is More Sensitive Than Phrenic Nerve Stimulation for Detection of Right Phrenic Nerve Injury During Cryoballoon Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 859-865.	0.8	19
269	Endothelial microparticle-promoted inhibition of vascular remodeling is abrogated under hyperglycaemic conditions. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 91-94.	0.9	19
270	Elevated levels of 2-arachidonoylglycerol promote atherogenesis in ApoE $^{-/-}$ mice. <i>PLoS ONE</i> , 2018, 13, e0197751.	1.1	19



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271	Procedural and clinical outcomes of type 0 versus type 1 bicuspid aortic valve stenosis undergoing trans-catheter valve replacement with new generation devices: Insight from the BEAT international collaborative registry. <i>International Journal of Cardiology</i> , 2021, 325, 109-114.	0.8	19
272	Reduction of oxidative stress and AT1 receptor expression by the selective oestrogen receptor modulator idoxifene. <i>British Journal of Pharmacology</i> , 2001, 134, 579-584.	2.7	18
273	AT1 receptor antagonism improves endothelial dysfunction in postmenopausal women. <i>Maturitas</i> , 2006, 53, 176-183.	1.0	18
274	Combination of angiographic and clinical characteristics for the prediction of clinical outcomes in elderly patients undergoing multivessel PCI. <i>Clinical Research in Cardiology</i> , 2013, 102, 865-873.	1.5	18
275	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> , 2017, 120, 2025-2030.	0.7	18
276	High prevalence of COPD in atherosclerosis patients. <i>International Journal of COPD</i> , 2017, Volume 12, 3047-3053.	0.9	18
277	Sodium thiocyanate treatment attenuates atherosclerotic plaque formation and improves endothelial regeneration in mice. <i>PLoS ONE</i> , 2019, 14, e0214476.	1.1	18
278	Percutaneous interventions for mitral and tricuspid heart valve diseases. <i>Cardiovascular Intervention and Therapeutics</i> , 2020, 35, 62-71.	1.2	18
279	PASCAL versus MitraClip-XTR edge-to-edge device for the treatment of tricuspid regurgitation: a propensity-matched analysis. <i>Clinical Research in Cardiology</i> , 2021, 110, 451-459.	1.5	18
280	Frailty in patients undergoing transcatheter aortic valve replacement: prognostic value of the Geriatric Nutritional Risk Index. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 577-585.	2.9	18
281	Regulation of the angiotensin AT1 receptor by hypercholesterolaemia. <i>Diabetes, Obesity and Metabolism</i> , 2000, 2, 223-228.	2.2	17
282	Obstructive sleep apnoea as a risk factor for atherosclerosis – implication for preventive and personalised treatment. <i>EPMA Journal</i> , 2011, 2, 39-47.	3.3	17
283	Interventional closure of paravalvular leakage after transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2012, 33, 2498-2498.	1.0	17
284	Stimulation of the AT2 receptor reduced atherogenesis in ApoE <sup>-/-</sup> /AT1A <sup>-/-</sup> double knock out mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 630-637.	0.9	17
285	Prevalence and Impact of Sleep Disordered Breathing in Patients with Severe Aortic Stenosis. <i>PLoS ONE</i> , 2015, 10, e0133176.	1.1	17
286	Deficiency of cyclase-associated protein 2 promotes arrhythmias associated with connexin43 maldistribution and fibrosis. <i>Archives of Medical Science</i> , 2016, 1, 188-198.	0.4	17
287	Sleep apnoea is common in severe peripheral arterial disease. <i>PLoS ONE</i> , 2017, 12, e0181733.	1.1	17
288	High rate of persistent iatrogenic atrial septal defect after single transeptal puncture for cryoballoon pulmonary vein isolation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018, 52, 141-148.	0.6	17

#	ARTICLE	IF	CITATIONS
289	Early versus newer generation transcatheter heart valves for transcatheter aortic valve implantation: Echocardiographic and hemodynamic evaluation of an all-comers study cohort using the dimensionless aortic regurgitation index (AR-index). <i>PLoS ONE</i> , 2019, 14, e0217544.	1.1	17
290	Long-term follow-up after stent graft placement for access-site and access-related vascular injury during TAVI – The Bonn-Copenhagen experience. <i>International Journal of Cardiology</i> , 2019, 281, 42-46.	0.8	17
291	Total Beta-Adrenoceptor Knockout Slows Conduction and Reduces Inducible Arrhythmias in the Mouse Heart. <i>PLoS ONE</i> , 2012, 7, e49203.	1.1	17
292	Balloon post-dilation and valve-in-valve implantation for the reduction of paravalvular leakage with use of the self-expanding CoreValve prosthesis. <i>EuroIntervention</i> , 2016, 11, 1140-1147.	1.4	17
293	Quantitation of Myocardial Borderzone Using Reconstructive 3-D Echocardiography After Chronic Infarction in Rats – Incremental Value of Low-Dose Dobutamine. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 559-566.	0.7	16
294	Differential phosphorylation of calreticulin affects AT1 receptor mRNA stability in VSMC. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 669-674.	1.0	16
295	Darbepoetin improves endothelial function and increases circulating endothelial progenitor cell number in patients with coronary artery disease. <i>Heart</i> , 2011, 97, 1474-1478.	1.2	16
296	Impact of the learning curve on outcome after transcatheter mitral valve repair: results from the German Mitral Valve Registry. <i>Clinical Research in Cardiology</i> , 2014, 103, 930-937.	1.5	16
297	Myeloid-Specific Deletion of Diacylglycerol Lipase $\pm$ Inhibits Atherogenesis in ApoE-Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0146267.	1.1	16
298	Anti-atherosclerotic effects of serelaxin in apolipoprotein E-deficient mice. <i>Atherosclerosis</i> , 2016, 251, 430-437.	0.4	16
299	Cerebral white matter lesion burden is associated with the degree of aortic valve calcification and predicts peri-procedural cerebrovascular events in patients undergoing transcatheter aortic valve implantation (TAVI). <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 774-782.	0.7	16
300	Graded murine wire-induced aortic valve stenosis model mimics human functional and morphological disease phenotype. <i>Clinical Research in Cardiology</i> , 2019, 108, 847-856.	1.5	16
301	Incidence, Risk Factors and Impact on Long-Term Outcome of Postoperative Delirium After Transcatheter Aortic Valve Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 645724.	1.1	16
302	Transcatheter mitral repair and replacement: which procedure for which patient?. <i>EuroIntervention</i> , 2019, 15, 867-874.	1.4	16
303	Transcatheter aortic valve implantation: the evidence. <i>Heart</i> , 2012, 98, iv65-iv72.	1.2	15
304	Effects of untreated obstructive sleep apnea on left and right ventricular myocardial function. <i>International Journal of Cardiology</i> , 2012, 155, 465-469.	0.8	15
305	$\alpha$ 5 activation by cytoplasmic double-stranded RNA impairs endothelial function and aggravates atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1696-1705.	1.6	15
306	Effect of Transcatheter Mitral Annuloplasty With the Cardioband Device on 3-Dimensional Geometry of the Mitral Annulus. <i>American Journal of Cardiology</i> , 2016, 118, 744-749.	0.7	15

#	ARTICLE	IF	CITATIONS
307	Contrast-free, echocardiography-guided left atrial appendage occlusion (LAAo): a propensity-matched comparison with conventional LAAo using the AMPLATZER <sup>®</sup> , <sup>®</sup> Amulet <sup>®</sup> , <sup>®</sup> device. <i>Clinical Research in Cardiology</i> , 2019, 108, 333-340.	1.5	15
308	An Exceptional Case of Frame Underexpansion With a Self-Expandable Transcatheter Heart Valve Despite Predilation. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 1288-1289.	1.1	14
309	Mobilization of Endothelial Progenitors by Recurrent Bacteremias with a Periodontal Pathogen. <i>PLoS ONE</i> , 2013, 8, e54860.	1.1	14
310	AIM2 Stimulation Impairs Reendothelialization and Promotes the Development of Atherosclerosis in Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 582482.	1.1	14
311	Increased vascular occlusion in patients with pseudoxanthoma elasticum. <i>Vasa - European Journal of Vascular Medicine</i> , 2017, 46, 47-52.	0.6	14
312	Management of sudden cardiac death in cardiac sarcoidosis using the wearable cardioverter defibrillator. <i>PLoS ONE</i> , 2018, 13, e0194496.	1.1	14
313	Interaction of Inhibitor of DNA binding 3 (Id3) with Gut-enriched Kr <sup>Ä½</sup> ppel-like factor (GKLF) and p53 regulates proliferation of vascular smooth muscle cells. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 33-39.	1.4	13
314	Role of the multidrug resistance protein-1 (MRP1) for endothelial progenitor cell function and survival. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 482-489.	0.9	13
315	Atorvastatin-induced increase in progenitor cell levels is rather caused by enhanced receptor activator of NF-kappaB ligand (RANKL) cell proliferation than by bone marrow mobilization. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 57, 32-42.	0.9	13
316	Severe abnormal Heart Rate Turbulence Onset is associated with deterioration of liver cirrhosis. <i>PLoS ONE</i> , 2018, 13, e0195631.	1.1	13
317	Endovascular management of femoral access-site and access-related vascular complications following percutaneous coronary interventions (PCI). <i>PLoS ONE</i> , 2020, 15, e0230535.	1.1	13
318	Underweight is associated with inferior short and long-term outcomes after MitraClip implantation: Results from the German TRANscatheter mitral valve interventions (TRAMI) registry. <i>American Heart Journal</i> , 2020, 222, 73-82.	1.2	13
319	The Mitralign transcatheter direct mitral valve annuloplasty system. <i>EuroIntervention</i> , 2015, 14, W62-W63.	1.4	13
320	The role of the AUUUUA hexamer for the posttranscriptional regulation of the AT1 receptor mRNA stability. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 805-812.	1.0	12
321	Angiotensin II triggers release of leukotriene C4 in vascular smooth muscle cells via the multidrug resistance-related protein 1. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 261-267.	1.4	12
322	An impaired renal function and advanced heart failure represent independent predictors of the incidence of malignant ventricular arrhythmias in patients with an implantable cardioverter/defibrillator for primary prevention. <i>Europace</i> , 2010, 12, 1439-1445.	0.7	12
323	Superiority of Gold versus Platinum Irrigated Tip Catheter Ablation of the Pulmonary Veins and the Cavotricuspid Isthmus: A Randomized Study Comparing Tip Temperatures and Cooling Flow Requirements. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 717-721.	0.8	12
324	A real world wearable cardioverter defibrillator experience â€“ Very high appropriate shock rate in ischemic cardiomyopathy patients at a European single-center. <i>Journal of Electrocardiology</i> , 2017, 50, 603-609.	0.4	12

#	ARTICLE	IF	CITATIONS
325	Clinical outcomes and thrombus resolution in patients with solid left atrial appendage thrombi: results of a single-center real-world registry. <i>Clinical Research in Cardiology</i> , 2021, 110, 72-83.	1.5	12
326	Risk modeling in transcatheter aortic valve replacement remains unsolved: an external validation study in 2946 German patients. <i>Clinical Research in Cardiology</i> , 2021, 110, 368-376.	1.5	12
327	Permanent Pacemaker Implantation after TAVR – Predictors and Impact on Outcomes. <i>Interventional Cardiology Review</i> , 2015, 10, 98.	0.7	12
328	Leaflet edge-to-edge treatment versus direct annuloplasty in patients with functional mitral regurgitation. <i>EuroIntervention</i> , 2019, 15, 912-918.	1.4	12
329	Functional Impact of Targeted Closed-Chest Transplantation of Bone Marrow Cells in Rats with Acute Myocardial Ischemia/Reperfusion Injury. <i>Cell Transplantation</i> , 2009, 18, 1289-1297.	1.2	11
330	Cardiomyocyte-specific deletion of survivin causes global cardiac conduction defects. <i>Basic Research in Cardiology</i> , 2012, 107, 299.	2.5	11
331	Lower extremity and carotid artery disease in COPD. <i>ERJ Open Research</i> , 2016, 2, 00037-2016.	1.1	11
332	Transcatheter tricuspid valve repair in a patient with isolated functional tricuspid valve regurgitation. <i>European Heart Journal</i> , 2016, 37, 855-855.	1.0	11
333	Staged transcatheter valve repair via MitraClip XTR after Cardioband for tricuspid regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 118-118.	0.5	11
334	Incidence, predictors, and relevance of acute kidney injury in patients undergoing left atrial appendage closure with Amplatzer occluders: a multicentre observational study. <i>Clinical Research in Cardiology</i> , 2020, 109, 444-453.	1.5	11
335	Prognostic impact of cancer history in patients undergoing transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2020, 109, 1243-1250.	1.5	11
336	The endocannabinoid 2-arachidonoylglycerol inhibits endothelial function and repair. <i>International Journal of Cardiology</i> , 2021, 323, 243-250.	0.8	11
337	–Get with the Guidelines Heart Failure Risk Score– for mortality prediction in patients undergoing MitraClip. <i>Clinical Research in Cardiology</i> , 2021, 110, 1871-1880.	1.5	11
338	Therapy of Pseudoxanthoma Elasticum: Current Knowledge and Future Perspectives. <i>Biomedicines</i> , 2021, 9, 1895.	1.4	11
339	Elucidation of the genetic causes of bicuspid aortic valve disease. <i>Cardiovascular Research</i> , 2023, 119, 857-866.	1.8	11
340	Prevalence of intimal heat shock protein 60 homologues in unstable angina and correlation with anti-heat shock protein antibody titers. <i>Basic Research in Cardiology</i> , 2011, 106, 657-665.	2.5	10
341	CoreValve Degeneration With Severe Transvalvular Aortic Regurgitation Treated With Valve-in-Valve Implantation. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, e71-e72.	1.1	10
342	MitraClip procedure for the treatment of a pseudo-cleft in the posterior mitral leaflet. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 112-112.	0.5	10

#	ARTICLE	IF	CITATIONS
343	Rationale and design of the ODIn-AF Trial: randomized evaluation of the prevention of silent cerebral thromboembolism by oral anticoagulation with dabigatran after pulmonary vein isolation for atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2016, 105, 95-105.	1.5	10
344	Fractional flow reserve in patients with coronary artery disease undergoing TAVI: a prospective analysis. <i>Clinical Research in Cardiology</i> , 2020, 109, 746-754.	1.5	10
345	Murine sca1/flk1-positive cells are not endothelial progenitor cells, but B2 lymphocytes. <i>Basic Research in Cardiology</i> , 2020, 115, 18.	2.5	10
346	Predictive factors and long-term prognosis of transcatheter aortic valve implantation-associated endocarditis. <i>Clinical Research in Cardiology</i> , 2020, 109, 1165-1176.	1.5	10
347	Mitral Regurgitation International Database (MIDA) Score Predicts Outcome in Patients With Heart Failure Undergoing Transcatheter Edge-to-Edge Mitral Valve Repair. <i>Journal of the American Heart Association</i> , 2021, 10, e019548.	1.6	10
348	Ultrasound-Mediated Stimulation of Microbubbles after Acute Myocardial Infarction and Reperfusion Ameliorates Left-Ventricular Remodelling in Mice via Improvement of Borderzone Vascularization. <i>PLoS ONE</i> , 2013, 8, e56841.	1.1	10
349	Transcatheter valve implantation improves central sleep apnoea in severe aortic stenosis. <i>EuroIntervention</i> , 2013, 9, 923-928.	1.4	10
350	Clinical and echocardiographic risk factors for device-related thrombus after left atrial appendage closure: an analysis from the multicenter EURO-CARDIO registry. <i>Clinical Research in Cardiology</i> , 2022, 111, 1276-1285.	1.5	10
351	Cells of Primarily Extravascular Origin in Neointima Formation following Stent Implantation. <i>Cardiology</i> , 2008, 110, 199-205.	0.6	9
352	Apoptosis-regulated survival of primarily extravascular cells in proliferative active poststent neointima. <i>Cardiovascular Pathology</i> , 2010, 19, 353-360.	0.7	9
353	Kidney Dysfunction and Deterioration of Ejection Fraction Pose Independent Risk Factors for Mortality in Implantable Cardioverter-Defibrillator Recipients for Primary Prevention. <i>Clinical Cardiology</i> , 2012, 35, 575-579.	0.7	9
354	Three-dimensional imaging of the aortic valve geometry for prosthesis sizing prior to transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2014, 174, 844-849.	0.8	9
355	Outcome in TAVI patients with symptomatic aortic stenosis not fulfilling PARTNER study inclusion criteria. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 1097-1104.	0.7	9
356	Speckle tracking echocardiography in chronic obstructive pulmonary disease and overlapping obstructive sleep apnea. <i>International Journal of COPD</i> , 2016, Volume 11, 1823-1834.	0.9	9
357	CD-144 positive endothelial microparticles are increased in patients with systemic inflammatory response syndrome after TAVI. <i>International Journal of Cardiology</i> , 2016, 204, 172-174.	0.8	9
358	Percutaneous mechanical circulatory support from the collaborative multicenter Mechanical Unusual Support in TAVI (MUST) Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E862-E869.	0.7	9
359	A multicentre European registry to evaluate the Direct Flow Medical transcatheter aortic valve system for the treatment of patients with severe aortic stenosis. <i>EuroIntervention</i> , 2016, 12, e1413-e1419.	1.4	9
360	Challenges in transcatheter valve treatment: aortic regurgitation after transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2013, 9, S72-S76.	1.4	9

#	ARTICLE	IF	CITATIONS
361	Cardiovascular magnetic resonance-guided diagnosis of cardiac affection in a Caucasian sarcoidosis population. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2016, 32, 325-35.	0.2	9
362	Activation of neutral sphingomyelinase 2 through hyperglycemia contributes to endothelial apoptosis via vesicle-bound intercellular transfer of ceramides. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	9
363	The role of the AT1 receptor in the cardiovascular continuum. <i>European Heart Journal Supplements</i> , 2004, 6, h3-h9.	0.0	8
364	Impact of intimal pathogen burden in acute coronary syndromesâ€™ correlation with inflammation, thrombosis, and autoimmunity. <i>Cardiovascular Pathology</i> , 2010, 19, e205-e210.	0.7	8
365	Novel approaches for prevention of stroke related to transcatheter aortic valve implantation. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 1311-1320.	0.6	8
366	Distinct CD11b+ monocyte subsets accelerate endothelial cell recovery after acute and chronic endothelial cell damage. <i>International Journal of Cardiology</i> , 2014, 173, 80-91.	0.8	8
367	Mobilization of sca1/flk-1 positive endothelial progenitor cells declines in apolipoprotein E-deficient mice with a high-fat diet. <i>Journal of Cardiology</i> , 2015, 66, 532-538.	0.8	8
368	Volumetric and scintigraphic changes following endoscopic lung volume reduction. <i>European Respiratory Journal</i> , 2015, 45, 262-265.	3.1	8
369	Laserballoon and Cryoballoon Pulmonary Vein Isolation in Persistent and Longstanding Persistent Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 1099-1107.	0.5	8
370	Circulating Microparticles Decrease After Cardiac Stress in Patients With Significant Coronary Artery Stenosis. <i>Clinical Cardiology</i> , 2016, 39, 570-577.	0.7	8
371	Ageing-related mitochondrial dysfunction facilitates the occurrence of serious arrhythmia after myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 604-610.	1.0	8
372	Toll-Like Receptor 7 Stimulation Promotes the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>International Heart Journal</i> , 2020, 61, 364-372.	0.5	8
373	Impact of cancer history on clinical outcome in patients undergoing transcatheter edge-to-edge mitral repair. <i>Clinical Research in Cardiology</i> , 2021, 110, 440-450.	1.5	8
374	Predictors of high residual gradient after transcatheter aortic valve replacement in bicuspid aortic valve stenosis. <i>Clinical Research in Cardiology</i> , 2021, 110, 667-675.	1.5	8
375	Inhibition of Rac1 GTPase Decreases Vascular Oxidative Stress, Improves Endothelial Function, and Attenuates Atherosclerosis Development in Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 680775.	1.1	8
376	Pseudoxanthoma Elasticum â€™ Also a Lung Disease? The Respiratory Affection of Patients with Pseudoxanthoma Elasticum. <i>PLoS ONE</i> , 2016, 11, e0162337.	1.1	8
377	Lack of gelsolin promotes perpetuation of atrial fibrillation in the mouse heart. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2009, 26, 3-10.	0.6	7
378	Catheter-Based Edge-to-Edge Mitral Valve Repair After Partial Rupture of Surgical Annuloplasty Ring. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, e263-e264.	1.1	7

#	ARTICLE	IF	CITATIONS
379	Genetic disruption of multidrug resistance-associated protein 1 improves endothelial function and attenuates atherosclerosis in MRP1 “/” LDLr “/” double knockout mice. <i>Archives of Medical Science</i> , 2017, 4, 930-936.	0.4	7
380	Successful Edge-to-Edge Mitral Repair Using the New MitraClip XTR System Following Rupture of Transapical Implanted NeoChord. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, e175-e177.	1.1	7
381	Impact of Hemodynamic Support on Outcome in Patients Undergoing High-Risk Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2019, 124, 20-30.	0.7	7
382	Endocannabinoid 2-arachidonoylglycerol is elevated in the coronary circulation during acute coronary syndrome. <i>PLoS ONE</i> , 2019, 14, e0227142.	1.1	7
383	Right ventricular assessment in patients undergoing transcatheter or surgical aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E711-E722.	0.7	7
384	The tricuspid tragedy: from Cinderella to celebrity. <i>European Heart Journal</i> , 2020, 41, 1930-1931.	1.0	7
385	Long-term incidence of upper extremity venous obstruction in implantable cardioverter defibrillator patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1027-1032.	0.5	7
386	Prognostic impact of hepatorenal function in patients undergoing transcatheter tricuspid valve repair. <i>Scientific Reports</i> , 2021, 11, 14420.	1.6	7
387	Modulation of carotid strain by statin therapy in atherosclerosis patients. <i>Vasa - European Journal of Vascular Medicine</i> , 2017, 46, 108-115.	0.6	7
388	Use of a balloon-expandable transfemoral sheath in a TAVI cohort with complex access site - a propensity score matched analysis. <i>EuroIntervention</i> , 2015, 11, 698-704.	1.4	7
389	Sex Hormones Save Our Skin. <i>Circulation Research</i> , 2009, 104, 135-137.	2.0	6
390	Response to Drug-Eluting Stents. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2330-2332.	1.2	6
391	Critical role of nucleotide-binding oligomerization domain-like receptor 3 in vascular repair. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 627-631.	1.0	6
392	Transcatheter Aortic Valve Implantation: Upcoming New Devices. <i>Interventional Cardiology Clinics</i> , 2012, 1, 37-43.	0.2	6
393	Induced and spontaneous heart rate turbulence in mice: influence of coupling interval. <i>Europace</i> , 2014, 16, 1092-1098.	0.7	6
394	Impairment of vascular strain in patients with obstructive sleep apnea. <i>PLoS ONE</i> , 2018, 13, e0193397.	1.1	6
395	Mechanical properties of currently available left atrial appendage occlusion devices: A bench-testing analysis. <i>Artificial Organs</i> , 2019, 43, 656-665.	1.0	6
396	Prognostic Impact of Redo Transcatheter Mitral Valve Repair for Recurrent Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2020, 130, 123-129.	0.7	6

#	ARTICLE	IF	CITATIONS
397	Left atrial global function in chronic heart failure patients with functional mitral regurgitation after MitraClip. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 678-684.	0.7	6
398	Comparison of different imaging modalities for the quantification of tricuspid valve geometry and regurgitation: a retrospective, single-center study. <i>Health Science Reports</i> , 2020, 3, e159.	0.6	6
399	Transcatheter Aortic Valve Replacement With the LOTUS Edge System. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 172-181.	1.1	6
400	Single-center five-year outcomes after interventional edge-to-edge repair of the mitral valve. <i>Cardiology Journal</i> , 2021, 28, 215-222.	0.5	6
401	A novel scoring system to estimate chemotherapy-induced myocardial toxicity: Risk assessment prior to non-anthracycline chemotherapy regimens. <i>IJC Heart and Vasculature</i> , 2021, 33, 100751.	0.6	6
402	Impact of prior smoking exposure and COPD comorbidity on treatment response to monoclonal antibodies in patients with severe asthma. <i>ERJ Open Research</i> , 2021, 7, 00190-2021.	1.1	6
403	Rationale and design of the EPCHF trial: the early palliative care in heart failure trial (EPCHF). <i>Clinical Research in Cardiology</i> , 2021, , 1.	1.5	6
404	Pseudoxanthoma elasticum "also a microvascular disease. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 57-62.	0.6	6
405	Impact of pulmonary vein isolation on obstructive sleep apnea in patients with atrial fibrillation. <i>Cardiology Journal</i> , 2014, 21, 392-396.	0.5	6
406	Transverse aortic constriction-induced heart failure leads to increased levels of circulating microparticles. <i>International Journal of Cardiology</i> , 2022, 347, 54-58.	0.8	6
407	Impact of right ventricular-pulmonary arterial coupling on clinical outcomes of tricuspid regurgitation. <i>EuroIntervention</i> , 2022, 18, 852-861.	1.4	6
408	Multiparametric MRI identifies subtle adaptations for demarcation of disease transition in murine aortic valve stenosis. <i>Basic Research in Cardiology</i> , 2022, 117, .	2.5	6
409	Cardiomyoplasty Improves Contractile Reserve after Myocardial Injury in Mice: Functional and Morphological Investigations with Reconstructive Three-Dimensional Echocardiography. <i>Cell Transplantation</i> , 2011, 20, 1621-1628.	1.2	5
410	Personalized cardiac regeneration by stem cells "Hype or hope?. <i>EPMA Journal</i> , 2011, 2, 119-130.	3.3	5
411	Sympathetic Activity in Patients With Secondary Symptomatic Mitral Regurgitation or End-Stage Systolic Heart Failure. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2050-2057.	1.1	5
412	Effect of hemoperfusion on flecainide serum concentration "a case report. <i>Clinical Toxicology</i> , 2017, 55, 153-154.	0.8	5
413	Carotid strain measurement in patients with pseudoxanthoma elasticum "Hint for a different pathomechanism?. <i>Intractable and Rare Diseases Research</i> , 2018, 7, 25-31.	0.3	5
414	Impact of Coronary Artery Disease on Outcomes in Patients Undergoing Percutaneous Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2137-2145.	1.1	5



#	ARTICLE	IF	CITATIONS
415	TAVR outcome after reclassification of aortic valve stenosis by using a hybrid continuity equation that combines computed tomography and echocardiography data. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 958-967.	0.7	5
416	Combination of high-sensitivity C-reactive protein with logistic EuroSCORE improves risk stratification in patients undergoing TAVI. <i>EuroIntervention</i> , 2018, 14, 629-636.	1.4	5
417	Early response of right-ventricular function to percutaneous mitral valve repair. <i>Clinical Research in Cardiology</i> , 2022, 111, 859-868.	1.5	5
418	C-Reactive Protein to Albumin Ratio in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Mayo Clinic Proceedings</i> , 2022, , .	1.4	5
419	Angiotensin II. <i>Hypertension</i> , 2008, 51, 175-176.	1.3	4
420	Antiplatelet effects of n-3 polyunsaturated fatty acids compared with aspirin: A pilot study with whole-blood aggregometry. <i>Thrombosis Research</i> , 2009, 124, 724-726.	0.8	4
421	Prediction and prevention by progenitors? Stent thrombosis and EPCs. <i>European Heart Journal</i> , 2010, 31, 2569-2571.	1.0	4
422	Experimental research Impact of peroxisome proliferator-activated receptor $\hat{1}^3$ on angiotensin II type 1 receptor-mediated insulin sensitivity, vascular inflammation and atherogenesis in hypercholesterolemic mice. <i>Archives of Medical Science</i> , 2015, 4, 877-885.	0.4	4
423	Atheroprotective effects of $17\hat{1}^2$ -oestradiol are mediated by peroxisome proliferator-activated receptor $\hat{1}^3$ in human coronary artery smooth muscle cells. <i>Archives of Medical Sciences Atherosclerotic Diseases</i> , 2020, 5, 118-126.	0.5	4
424	Thymic stromal lymphopoietin is a key cytokine for the immunomodulation of atherogenesis with Freund's adjuvant. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5731-5739.	1.6	4
425	Heart failure after pressure overload in autosomal-dominant desminopathies: Lessons from heterozygous DES-p.R349P knock-in mice. <i>PLoS ONE</i> , 2020, 15, e0228913.	1.1	4
426	Prognostic value of myeloperoxidase in patients with peripheral artery disease. <i>Vascular</i> , 2021, 29, 363-371.	0.4	4
427	Small blebs, big potential " can extracellular vesicles cure cardiovascular disease?. <i>European Heart Journal</i> , 2022, 43, 95-97.	1.0	4
428	Frailty, malnutrition, and the endocrine system impact outcome in patients undergoing aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 145-157.	0.7	4
429	Radial artery occlusion after cardiac catheterization and impact of medical treatment. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 463-466.	0.6	4
430	Transcatheter aortic valve implantation and closure of the left atrial appendage under cerebral protection. <i>EuroIntervention</i> , 2012, 8, 640-641.	1.4	4
431	Noninvasive model including right ventricular speckle tracking for the evaluation of pulmonary hypertension. <i>World Journal of Cardiology</i> , 2016, 8, 472.	0.5	4
432	Annular size and interaction with trans-catheter aortic valves for treatment of severe bicuspid aortic valve stenosis: Insights from the BEAT registry. <i>International Journal of Cardiology</i> , 2022, 349, 31-38.	0.8	4

#	ARTICLE	IF	CITATIONS
433	Haemodynamic differences between two generations of a balloon-expandable transcatheter heart valve. <i>Heart</i> , 2022, 108, 1479-1485.	1.2	4
434	Percutaneous trans-axilla transcatheter aortic valve replacement. <i>Heart and Vessels</i> , 2022, 37, 1801-1807.	0.5	4
435	Association of Heart Rate Turbulence With Arrhythmia Susceptibility and Heart Disease in Mice. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1262-1268.	0.8	3
436	Catch of the day: interventional device retrieval after late embolization of an Amplatzer cardiac plug left atrial appendage occluder. <i>Clinical Research in Cardiology</i> , 2015, 104, 1106-1108.	1.5	3
437	Recurrent Chronic Obstructive Pulmonary Disease Exacerbations after Endobronchial Valve Implantation Are Associated with the Presence of <i>Pseudomonas aeruginosa</i> . <i>Respiration</i> , 2016, 91, 510-516.	1.2	3
438	Impact of macitentan on right ventricular myocardial function in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2016, 214, 438-441.	0.8	3
439	Catheter-based complete Alfieri-Stich via interventional annuloplasty and edge-to-edge repair for degenerative mitral regurgitation. <i>European Heart Journal</i> , 2016, 37, 2201-2201.	1.0	3
440	Obstructive sleep apnea and atherosclerosis update 2019. <i>Somnologie</i> , 2019, 23, 3-7.	0.9	3
441	Predictive Value of the Platelet-to-Lymphocyte Ratio in Cancer Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: CardioOncology</i> , 2019, 1, 159-169.	1.7	3
442	Combined Percutaneous Therapy for Tricuspid Regurgitation Using the Cardioband and PASCAL System in a Procedure. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, e197-e198.	1.1	3
443	Implantation of one versus two MitraClips in the German TRAMI registry: Is more always better?. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E360-E368.	0.7	3
444	Healing a Heart of Stone. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 532-533.	1.1	3
445	Pulmonary capillary wedge pressure (PCWP) as prognostic indicator in patients undergoing transcatheter valve repair (TTVR) of severe tricuspid regurgitation. <i>International Journal of Cardiology</i> , 2020, 318, 32-38.	0.8	3
446	Risk of mortality following transcatheter aortic valve replacement for low-flow low-gradient aortic stenosis. <i>Clinical Research in Cardiology</i> , 2021, 110, 391-398.	1.5	3
447	Prognostic significance of the get with the guidelines-heart failure (GWTC-HF) risk score in patients undergoing trans-catheter tricuspid valve repair (TTVR). <i>Heart and Vessels</i> , 2021, 36, 1903-1910.	0.5	3
448	The predictive value of intraprocedural mitral gradient for outcomes after MitraClip and its interventional dynamics. <i>Echocardiography</i> , 2021, 38, 1115-1124.	0.3	3
449	Smartphone-guided secondary prevention for patients with coronary artery disease. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2021, 8, 205566832199657.	0.6	3
450	Transcatheter treatment of tricuspid regurgitation (focusing on current technologies). <i>EuroIntervention</i> , 2018, 14, AB112-AB120.	1.4	3

#	ARTICLE	IF	CITATIONS
451	Vitamin K Epoxide Reductase Complex Subunit 1-Like 1 (VKORC1L1) Inhibition Induces a Proliferative and Pro-inflammatory Vascular Smooth Muscle Cell Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 708946.	1.1	3
452	NcRNAs in Vascular and Valvular Intercellular Communication. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 749681.	1.6	3
453	Baseline PA/BSA ratio in patients undergoing transcatheter aortic valve replacement – A novel CT-based marker for the prediction of pulmonary hypertension and outcome. <i>International Journal of Cardiology</i> , 2022, 348, 26-32.	0.8	3
454	Nitinol stent insertion in tracheomalacia. <i>Thorax</i> , 2016, 71, 770-771.	2.7	2
455	Antegrade transcatheter mitral valve-in-valve implantation with combined atrial septal defect closure. <i>Clinical Research in Cardiology</i> , 2016, 105, 460-462.	1.5	2
456	TCT-416 Balloon vs Self-Expandable valve for the treatment of bicuspid Aortic valve stenosis: insights from the BEAT international collaborative registry. <i>Journal of the American College of Cardiology</i> , 2018, 72, B168.	1.2	2
457	Percutaneous treatment of a saccular coronary artery aneurysm using multimodal imaging and rapid prototyping. <i>European Heart Journal</i> , 2018, 39, 4125-4125.	1.0	2
458	“What you see is what you get”: giant extra-appendage left atrial thrombus after left atrial appendage occlusion for persisting left atrial appendage thrombus. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 21, 465.	0.5	2
459	Letter by Sedaghat and Nickenig Regarding Article, “Device-Related Thrombus After Left Atrial Appendage Closure: Incidence, Predictors, and Outcomes” <i>Circulation</i> , 2019, 139, 1241-1242.	1.6	2
460	Challenge With Cardiac Cables. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2021-2023.	1.1	2
461	NeoChord System as an Alternative Option Upon Transmitral Pressure Gradient Elevation in the MitraClip Procedure. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e39-e40.	1.1	2
462	G protein-coupled estrogen receptor GPR30 exerts vasoprotective effects in apolipoprotein E-deficient mice. <i>Archives of Medical Science</i> , 2021, , .	0.4	2
463	Large extracellular vesicles in the left atrial appendage in patients with atrial fibrillation – the missing link?. <i>Clinical Research in Cardiology</i> , 2021, , 1.	1.5	2
464	Circulating chaperones in patients with aortic valve stenosis undergoing TAVR: impact of concomitant chronic kidney disease. <i>Translational Research</i> , 2021, 233, 117-126.	2.2	2
465	Prognostic value of hepatorenal function following transcatheter edge-to-edge mitral valve repair. <i>Clinical Research in Cardiology</i> , 2021, 110, 1947-1956.	1.5	2
466	Transcatheter tricuspid intervention: ready for primetime?. <i>Heart</i> , 2022, 108, 479-491.	1.2	2
467	Periprocedural changes in natriuretic peptide levels and clinical outcome after transcatheter mitral valve repair. <i>ESC Heart Failure</i> , 2021, , .	1.4	2
468	Smart devices resulting in big effect: can apps cure heart disease?. <i>European Heart Journal</i> , 2022, 43, 2003-2004.	1.0	2

#	ARTICLE	IF	CITATIONS
469	Left atrial function index (LAFI) and outcome in patients undergoing transcatheter aortic valve replacement. <i>Clinical Research in Cardiology</i> , 2022, 111, 944-954.	1.5	2
470	Incidence, persistence, and clinical relevance of iatrogenic atrial septal defects after percutaneous left atrial appendage occlusion. <i>Echocardiography</i> , 2022, 39, 65-73.	0.3	2
471	A staging classification of right heart remodelling for patients undergoing transcatheter edge-to-edge mitral valve repair. <i>EuroIntervention</i> , 2022, 18, 43-49.	1.4	2
472	Prevalence of sleep-disordered breathing in patients with mitral regurgitation and the effect of mitral valve repair. <i>Sleep and Breathing</i> , 2023, 27, 599-610.	0.9	2
473	Diabetes mellitus is associated with increased ex vivo-platelet aggregation and decreased response to aspirin—antithrombotic potential of ACE-inhibitors and AT1-antagonists. <i>Platelets</i> , 2009, 20, 358-359.	1.1	1
474	Catch me, if you can!. <i>European Heart Journal</i> , 2012, 33, 2763-2763.	1.0	1
475	Vessel repair: do progenitor cells hitchhike a piggyback ride?. <i>European Heart Journal</i> , 2013, 34, 2501-2503.	1.0	1
476	Successful Post-Dilation of a Lotus Transcatheter Aortic Valve in a Case of Prosthesis Frame Underexpansion Due to Leaflet Calcification. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 866-868.	1.1	1
477	Mitral meets mortality. <i>Lancet, The</i> , 2018, 391, 916-918.	6.3	1
478	Mechanical Performance of Two Left Atrial Appendage Occlusion Systems: In Vitro Comparison of Tug Force, Radial Force, Sealing and Deformation. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1337-1347.	1.3	1
479	Obstructive sleep apnea and cardiovascular disease: a cause apparent but not yet evident. <i>Somnologie</i> , 2019, 23, 320-321.	0.9	1
480	Comparative study of pressure (ankle-brachial pressure index) and flow (strain gauge) in patients with severe aortic stenosis. <i>PLoS ONE</i> , 2019, 14, e0220510.	1.1	1
481	Of Vesicles and Viruses. <i>Circulation Research</i> , 2019, 125, 821-823.	2.0	1
482	Treatment with mononuclear cell populations improves post-infarction cardiac function but does not reduce arrhythmia susceptibility. <i>PLoS ONE</i> , 2019, 14, e0208301.	1.1	1
483	Peripheral perfusion of lower limb after transcatheter aortic valve implantation (TAVI) in patients with peripheral artery disease. <i>International Journal of Cardiology</i> , 2019, 297, 36-42.	0.8	1
484	CCN1 regulates cholesterol metabolism—OxLDL enters the matrix. <i>Acta Physiologica</i> , 2019, 225, e13239.	1.8	1
485	Endoscopic Lung Volume Reduction in COPD: The Impact of Coil Implantation on Patients' Physical Activity. <i>Respiration</i> , 2020, 99, 177-180.	1.2	1
486	Association of heart failure duration with clinical outcomes after transcatheter mitral valve repair for functional mitral regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 98, E412-E419.	0.7	1

#	ARTICLE	IF	CITATIONS
487	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation. PLoS ONE, 2020, 15, e0236265.	1.1	1
488	Impact of combined baseline and postprocedural troponin values on clinical outcome following the MitraClip procedure. Catheterization and Cardiovascular Interventions, 2020, 96, E735-E743.	0.7	1
489	Moving (re-shaping) the mitral annulus. EuroIntervention, 2021, 16, 1044-1045.	1.4	1
490	Reply to "The endocannabinoid 2-arachidonoylglycerol inhibits endothelial function and repair through cannabinoid 1 (CB1) receptor". International Journal of Cardiology, 2021, 330, 178.	0.8	1
491	CHA2DS2-VASC score predicts coronary artery disease progression and mortality after ventricular arrhythmia in patients with implantable cardioverter-defibrillator. IJC Heart and Vasculature, 2021, 34, 100802.	0.6	1
492	Transcatheter Triple-Valve Intervention. JACC: Cardiovascular Interventions, 2021, 14, e179-e181.	1.1	1
493	Spleen Size and Thrombocytopenia After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2021, 157, 85-92.	0.7	1
494	Trikuspidalinsuffizienz: Die vernachlässigte Klappe. , 0, , .		1
495	Pulmonary affection of patients with Pseudoxanthoma elasticum: Long-term development and genotype-phenotype-correlation. Intractable and Rare Diseases Research, 2022, 11, 7-14.	0.3	1
496	Provisional Closure of an Iatrogenic Atrial Septal Defect for Shunt Reversal After Transcatheter Treatment of Tricuspid Regurgitation. Journal of Invasive Cardiology, 2019, 31, E298-E299.	0.4	1
497	Change of Left Ventricular Myocardial Contractility in Speckle Tracking Echocardiography After Transjugular Intrahepatic Portosystemic Shunt Predicts Survival. , 2022, 1, .		1
498	Progenitor Cells and Valve Degeneration. Circulation Research, 2006, 98, e71.	2.0	0
499	Transapical transcatheter aortic valve replacement with simultaneous paravalvular leakage closure in a patient with severely degenerated aortic valve bioprosthesis. European Heart Journal Cardiovascular Imaging, 2014, 15, 1058-1058.	0.5	0
500	Interventional Closure of a Mitral Valvular Leaflet Defect After Partial Detachment of a Carpentier Perimount Annuloplasty Ring. JACC: Cardiovascular Interventions, 2014, 7, 698-699.	1.1	0
501	Long-term effects of ACE inhibitor on vascular remodelling. Open Medicine (Poland), 2014, 9, 741-747.	0.6	0
502	Combined percutaneous treatment of structural and congenital heart defects: more than just a feasible procedure in the catheterization laboratory. Revista Brasileira De Cardiologia Invasiva (English Edition), 2015, 23, 6-7.	0.1	0
503	Solitary right ventricular metastasis of endometrial adenocarcinoma. Journal of Cardiology Cases, 2015, 11, 32-34.	0.2	0
504	Endovascular and Operative Treatment of the Aortic Arch in a High-Risk Marfan Patient. The Thoracic and Cardiovascular Surgeon Reports, 2016, 05, 68-70.	0.1	0

#	ARTICLE	IF	CITATIONS
505	Atrial flutter presenting as broad complex tachycardia in a patient with right sided pneumonectomy. Indian Pacing and Electrophysiology Journal, 2017, 17, 108-110.	0.3	0
506	Another Piece in the Tricuspid Puzzle. JACC: Cardiovascular Interventions, 2019, 12, 1435-1437.	1.1	0
507	When past becomes prologue: extremely late mechanical complication after implantation of an atrial septal occluder device. European Heart Journal, 2019, 40, 3657-3657.	1.0	0
508	Acute Femoral Occlusion After Adjunctive Angio-Seal Usage in Vascular Closure Following Transcatheter Aortic Valve Replacement. JACC: Case Reports, 2019, 1, 549-552.	0.3	0
509	COPD Does Not Corrupt COAPT. JACC: Cardiovascular Interventions, 2020, 13, 2804-2805.	1.1	0
510	Aortic Valve Deformation During Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 1603-1604.	1.1	0
511	QRS duration is a risk indicator of adverse outcomes after MitraClip. Catheterization and Cardiovascular Interventions, 2021, 98, E594-E601.	0.7	0
512	Heart Failure: From Gene to Therapy. Developments in Cardiovascular Medicine, 2000, , 27-38.	0.1	0
513	Interventional Mitral Annular Reduction Techniques. , 2016, , 201-215.		0
514	Transcatheter Leaflet Strategies for Tricuspid Regurgitation TriClip and CLASP. Interventional Cardiology Clinics, 2022, 11, 51-66.	0.2	0
515	Quality of Intervention Equals Quality of Life. JACC: Cardiovascular Interventions, 2021, 14, 2557-2559.	1.1	0
516	Title is missing!. , 2020, 15, e0236265.		0
517	Title is missing!. , 2020, 15, e0236265.		0
518	Title is missing!. , 2020, 15, e0236265.		0
519	Title is missing!. , 2020, 15, e0236265.		0
520	Title is missing!. , 2020, 15, e0236265.		0
521	Title is missing!. , 2020, 15, e0236265.		0