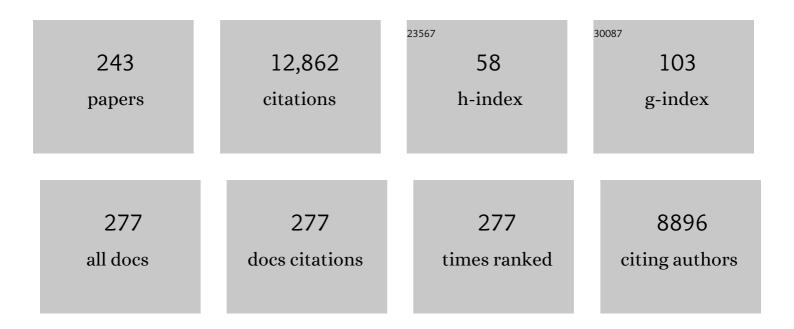
Philipp C Lurz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Catheter-based renal denervation in patients with uncontrolled hypertension in the absence of antihypertensive medications (SPYRAL HTN-OFF MED): a randomised, sham-controlled, proof-of-concept trial. Lancet, The, 2017, 390, 2160-2170.	13.7	597
2	Effect of renal denervation on blood pressure in the presence of antihypertensive drugs: 6-month efficacy and safety results from the SPYRAL HTN-ON MED proof-of-concept randomised trial. Lancet, The, 2018, 391, 2346-2355.	13.7	597
3	Endovascular ultrasound renal denervation to treat hypertension (RADIANCE-HTN SOLO): a multicentre, international, single-blind, randomised, sham-controlled trial. Lancet, The, 2018, 391, 2335-2345.	13.7	526
4	Percutaneous Pulmonary Valve Implantation. Circulation, 2008, 117, 1964-1972.	1.6	436
5	Efficacy of catheter-based renal denervation in the absence of antihypertensive medications (SPYRAL) Tj ETQq1 1444-1451.	1 0.784314 13.7	4 rgBT /Over 351
6	Comprehensive Cardiac Magnetic Resonance Imaging in Patients With Suspected Myocarditis. Journal of the American College of Cardiology, 2016, 67, 1800-1811.	2.8	318
7	Comprehensive Prognosis Assessment by CMR Imaging After ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2014, 64, 1217-1226.	2.8	314
8	Transcatheter Versus Medical Treatment of Patients With Symptomatic SevereÂTricuspid Regurgitation. Journal of the American College of Cardiology, 2019, 74, 2998-3008.	2.8	302
9	Transcatheter edge-to-edge repair for reduction of tricuspid regurgitation: 6-month outcomes of the TRILUMINATE single-arm study. Lancet, The, 2019, 394, 2002-2011.	13.7	283
10	Transcatheter Edge-to-Edge RepairÂforÂTreatment of TricuspidÂRegurgitation. Journal of the American College of Cardiology, 2021, 77, 229-239.	2.8	247
11	Outcomes After Current Transcatheter Tricuspid Valve Intervention. JACC: Cardiovascular Interventions, 2019, 12, 155-165.	2.9	246
12	Diagnostic Performance of CMR Imaging Compared With EMB in Patients With Suspected Myocarditis. JACC: Cardiovascular Imaging, 2012, 5, 513-524.	5.3	239
13	Ultrasound renal denervation for hypertension resistant to a triple medication pill (RADIANCE-HTN) Tj ETQq1 1 C	.784314 rg 13.7	gBT /Overloo
14	Angiography after Out-of-Hospital Cardiac Arrest without ST-Segment Elevation. New England Journal of Medicine, 2021, 385, 2544-2553.	27.0	197
15	Cardioprotection by combined intrahospital remote ischaemic perconditioning and postconditioning in ST-elevation myocardial infarction: the randomized LIPSIA CONDITIONING trial. European Heart Journal, 2015, 36, 3049-3057.	2.2	190
16	Randomized Sham-Controlled Trial of Renal Sympathetic Denervation in Mild Resistant Hypertension. Hypertension, 2015, 65, 1202-1208.	2.7	186
17	Risk Stratification, Systematic Classification, and Anticipatory Management Strategies for Stent Fracture After Percutaneous Pulmonary Valve Implantation. Circulation, 2007, 115, 1392-1397.	1.6	183
18	Extracellular Volume Fraction for Characterization of Patients With Heart Failure and Preserved Ejection Fraction. Journal of the American College of Cardiology, 2016, 67, 1815-1825.	2.8	165

#	Article	IF	CITATIONS
19	Predictors of Procedural and Clinical Outcomes in Patients With Symptomatic Tricuspid Regurgitation Undergoing Transcatheter Edge-to-Edge Repair. JACC: Cardiovascular Interventions, 2018, 11, 1119-1128.	2.9	161
20	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic TricuspidÂRegurgitation. JACC: Cardiovascular Interventions, 2019, 12, 1451-1461.	2.9	160
21	Transcatheter treatment for tricuspid valve disease. EuroIntervention, 2021, 17, 791-808.	3.2	136
22	Influence of Left Atrial Function on Exercise Capacity and Left Ventricular Function in Patients With Heart Failure and Preserved Ejection Fraction. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	131
23	A Three-Arm Randomized Trial of Different Renal Denervation Devices and Techniques in Patients With Resistant Hypertension (RADIOSOUND-HTN). Circulation, 2019, 139, 590-600.	1.6	128
24	Therapeutical potential of blood-derived progenitor cells in patients with peripheral arterial occlusive disease and critical limb ischaemia. European Heart Journal, 2005, 26, 1903-1909.	2.2	125
25	Early Versus Late Functional Outcome After Successful Percutaneous Pulmonary Valve Implantation. Journal of the American College of Cardiology, 2011, 57, 724-731.	2.8	120
26	Clinical characteristics, diagnosis, and risk stratification of pulmonary hypertension in severe tricuspid regurgitation and implications for transcatheter tricuspid valve repair. European Heart Journal, 2020, 41, 2785-2795.	2.2	117
27	First-in-man implantation of a novel percutaneous valve: a new approach to medical device device development. EuroIntervention, 2010, 5, 745-750.	3.2	117
28	Pre-stenting with a bare metal stent before percutaneous pulmonary valve implantation: acute and 1-year outcomes. Heart, 2011, 97, 118-123.	2.9	109
29	2-Year Outcomes of HighÂBleedingÂRiskÂPatients After Polymer-Free Drug-Coated Stents. Journal of the American College of Cardiology, 2017, 69, 162-171.	2.8	109
30	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2019, 12, 2488-2495.	2.9	109
31	Cardiac MRI Texture Analysis of T1 and T2 Maps in Patients with Infarctlike Acute Myocarditis. Radiology, 2018, 289, 357-365.	7.3	101
32	Six-Month Results of Treatment-Blinded Medication Titration for Hypertension Control After Randomization to Endovascular Ultrasound Renal Denervation or a Sham Procedure in the RADIANCE-HTN SOLO Trial. Circulation, 2019, 139, 2542-2553.	1.6	97
33	Proposal for a Standard Echocardiographic Tricuspid Valve Nomenclature. JACC: Cardiovascular Imaging, 2021, 14, 1299-1305.	5.3	97
34	Percutaneous pulmonary valve-in-valve implantation: a successful treatment concept for early device failure. European Heart Journal, 2008, 29, 810-815.	2.2	96
35	Right Ventricular-Pulmonary Arterial Coupling and Afterload Reserve in Patients Undergoing Transcatheter Tricuspid Valve Repair. Journal of the American College of Cardiology, 2022, 79, 448-461.	2.8	96
36	Improvement in left ventricular filling properties after relief of right ventricle to pulmonary artery conduit obstruction: contribution of septal motion and interventricular mechanical delay. European Heart Journal, 2009, 30, 2266-2274.	2.2	95

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37	Clinical Characteristics, Histopathological Features, and Clinical Outcome of Methamphetamine-Associated Cardiomyopathy. JACC: Heart Failure, 2017, 5, 435-445.	4.1	87
38	Edge-to-Edge Mitral Valve Repair With Extended Clip Arms. JACC: Cardiovascular Interventions, 2019, 12, 1356-1365.	2.9	84
39	Plasma and Cardiac Galectin-3 in Patients With Heart Failure Reflects Both Inflammation and Fibrosis. Circulation: Heart Failure, 2017, 10, .	3.9	82
40	Real-time Assessment of Right and Left Ventricular Volumes and Function in Patients with Congenital Heart Disease by Using High Spatiotemporal Resolution Radial k-t SENSE. Radiology, 2008, 248, 782-791.	7.3	81
41	General Versus Local Anesthesia With Conscious Sedation in Transcatheter Aortic Valve Implantation. Circulation, 2020, 142, 1437-1447.	1.6	81
42	Patient specific finite element analysis results in more accurate prediction of stent fractures: Application to percutaneous pulmonary valve implantation. Journal of Biomechanics, 2010, 43, 687-693.	2.1	79
43	Chronic heart failure and aging – effects of exercise training on endothelial function and mechanisms of endothelial regeneration: Results from the Leipzig Exercise Intervention in Chronic heart failure and Aging (LEICA) study. European Journal of Preventive Cardiology, 2016, 23, 349-358.	1.8	79
44	Sixâ€month outcome after transcatheter edgeâ€toâ€edge repair of severe tricuspid regurgitation in patients with heart failure. European Journal of Heart Failure, 2018, 20, 1055-1062.	7.1	76
45	Prognostic Impact of Hyperglycemia in Nondiabetic and Diabetic Patients With ST-Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2012, 5, 708-718.	2.6	74
46	Physiological and Clinical Consequences of Right Ventricular Volume Overload Reduction After Transcatheter Treatment for Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2019, 12, 1423-1434.	2.9	73
47	Comparison of Sirolimus-Eluting Stenting With Minimally Invasive Bypass Surgery for Stenosis of the Left Anterior Descending Coronary Artery. JACC: Cardiovascular Interventions, 2015, 8, 30-38.	2.9	72
48	Cardiac MRI and Texture Analysis of Myocardial T1 and T2 Maps in Myocarditis with Acute versus Chronic Symptoms of Heart Failure. Radiology, 2019, 292, 608-617.	7.3	72
49	Impact of Pulmonary Valve Replacement in Tetralogy of Fallot With Pulmonary Regurgitation: A Comparison of Intervention and Nonintervention. Annals of Thoracic Surgery, 2012, 94, 1619-1626.	1.3	71
50	CMR–Derived Extracellular Volume Fraction as a Marker for Myocardial Fibrosis. JACC: Cardiovascular Imaging, 2018, 11, 38-45.	5.3	70
51	A sirolimus-eluting bioabsorbable polymer-coated stent (MiStent) versus an everolimus-eluting durable polymer stent (Xience) after percutaneous coronary intervention (DESSOLVE III): a randomised, single-blind, multicentre, non-inferiority, phase 3 trial. Lancet, The, 2018, 391, 431-440.	13.7	70
52	Cardiopulmonary Hemodynamic Profile Predicts Mortality After Transcatheter Tricuspid Valve Repair in Chronic HeartÂFailure. JACC: Cardiovascular Interventions, 2021, 14, 29-38.	2.9	69
53	Impact of Right Ventricular Dysfunction on Outcomes After Transcatheter Edge-to-Edge Repair for Secondary Mitral Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 768-778.	5.3	65
54	The relation between hypointense core, microvascular obstruction and intramyocardial haemorrhage in acute reperfused myocardial infarction assessed by cardiac magnetic resonance imaging. European Radiology, 2014, 24, 3277-3288.	4.5	64

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55	Intravenous morphine administration and reperfusion success in ST-elevation myocardial infarction: insights from cardiac magnetic resonance imaging. Clinical Research in Cardiology, 2015, 104, 727-734.	3.3	63
56	Combined Tricuspid and Mitral VersusÂlsolatedÂMitral Valve RepairÂforÂSevereÂMR and TR. JACC: Cardiovascular Interventions, 2020, 13, 543-550.	2.9	63
57	Finite Element Analysis of Stent Deployment: Understanding Stent Fracture in Percutaneous Pulmonary Valve Implantation. Journal of Interventional Cardiology, 2007, 20, 546-554.	1.2	62
58	Four-dimensional computed tomography: a method of assessing right ventricular outflow tract and pulmonary artery deformations throughout the cardiac cycle. European Radiology, 2011, 21, 36-45.	4.5	62
59	Comparison of Bare-Metal Stenting With Minimally Invasive Bypass Surgery for Stenosis of the Left Anterior Descending Coronary Artery. JACC: Cardiovascular Interventions, 2013, 6, 20-26.	2.9	60
60	Endomyocardial <scp>miR</scp> â€133a levels correlate with myocardial inflammation, improved left ventricular function, and clinical outcome in patients with inflammatory cardiomyopathy. European Journal of Heart Failure, 2016, 18, 1442-1451.	7.1	59
61	Effect of Altering Pathologic Right Ventricular Loading Conditions by Percutaneous Pulmonary Valve Implantation on Exercise Capacity. American Journal of Cardiology, 2010, 105, 721-726.	1.6	58
62	Relationship and prognostic value of microvascular obstruction and infarct size in ST-elevation myocardial infarction as visualized by magnetic resonance imaging. Clinical Research in Cardiology, 2012, 101, 487-495.	3.3	58
63	Comparison of Bare Metal Stenting and Percutaneous Pulmonary Valve Implantation for Treatment of Right Ventricular Outflow Tract Obstruction. Circulation, 2009, 119, 2995-3001.	1.6	56
64	Feasibility and reproducibility of biventricular volumetric assessment of cardiac function during exercise using realâ€time radial <i>k</i> â€ <i>t</i> SENSE magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2009, 29, 1062-1070.	3.4	56
65	Blood Pressure Response to Main Renal Artery and Combined Main Renal Artery Plus Branch Renal Denervation in Patients With Resistant Hypertension. Journal of the American Heart Association, 2017, 6, .	3.7	56
66	Patient selection, echocardiographic screening and treatment strategies for interventional tricuspid repair using the edge-to-edge repair technique. EuroIntervention, 2018, 14, 645-653.	3.2	55
67	Current approaches to pulmonary regurgitationâ~†â~†â~†. European Journal of Cardio-thoracic Surgery, 2008, 34, 576-581.	1.4	54
68	Mild Hypothermia in Cardiogenic Shock Complicating Myocardial Infarction. Circulation, 2019, 139, 448-457.	1.6	54
69	Myocardium at Risk in ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2011, 4, 967-976.	5.3	53
70	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. JACC: Cardiovascular Interventions, 2020, 13, 1251-1261.	2.9	52
71	Load-Independent Systolic and Diastolic Right Ventricular Function in Heart Failure With Preserved Ejection Fraction as Assessed by Resting and Handgrip Exercise Pressure–Volume Loops. Circulation: Heart Failure, 2018, 11, e004121.	3.9	51
72	Percutaneous pulmonary valve implantation: an update. Expert Review of Cardiovascular Therapy, 2009, 7, 823-833.	1.5	50

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73	Cardiac magnetic resonance imaging parameters as surrogate endpoints in clinical trials of acute myocardial infarction. Trials, 2011, 12, 204.	1.6	49
74	Right Ventricular Contraction Patterns in Patients Undergoing Transcatheter Tricuspid Valve Repair for Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2021, 14, 1551-1561.	2.9	48
75	12-Month Results From the Unblinded Phase of the RADIANCE-HTN SOLO Trial of Ultrasound Renal Denervation. JACC: Cardiovascular Interventions, 2020, 13, 2922-2933.	2.9	47
76	Thrombus Aspiration in Patients WithÂST-Segment Elevation MyocardialÂInfarction Presenting LateÂAfterÂSymptomÂOnset. JACC: Cardiovascular Interventions, 2016, 9, 113-122.	2.9	46
77	Impact of reduction in right ventricular pressure and/or volume overload by percutaneous pulmonary valve implantation on biventricular response to exercise: an exercise stress real-time CMR study. European Heart Journal, 2012, 33, 2434-2441.	2.2	45
78	Transcatheter Edge-to-Edge Tricuspid Repair for Severe Tricuspid Regurgitation Reduces Hospitalizations for HeartAFailure. JACC: Heart Failure, 2020, 8, 265-276.	4.1	44
79	Prognosis after ST-elevation myocardial infarction: a study on cardiac magnetic resonance imaging versus clinical routine. Trials, 2014, 15, 249.	1.6	43
80	Combined Mitral and Tricuspid Versus Isolated Mitral Valve Transcatheter Edge-to-Edge Repair in Patients With Symptomatic Valve Regurgitation at HighÂSurgical Risk. JACC: Cardiovascular Interventions, 2018, 11, 1142-1151.	2.9	43
81	Uncertainties and challenges in surgical and transcatheter tricuspid valve therapy: a state-of-the-art expert review. European Heart Journal, 2020, 41, 1932-1940.	2.2	43
82	Platelet inhibition and CP IIb/IIIa receptor occupancy by intracoronary versus intravenous bolus administration of abciximab in patients with ST-elevation myocardial infarction. Clinical Research in Cardiology, 2012, 101, 117-124.	3.3	42
83	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. JACC: Cardiovascular Interventions, 2020, 13, 1999-2009.	2.9	42
84	Impact of Proportionality of Secondary Mitral Regurgitation on Outcome After Transcatheter Mitral Valve Repair. JACC: Cardiovascular Imaging, 2021, 14, 715-725.	5.3	42
85	Outcomes of transcatheter tricuspid valve intervention by right ventricular function: a multicentre propensity-matched analysis. EuroIntervention, 2021, 17, e343-e352.	3.2	41
86	Frequency and Impact of Bleeding on Outcome in Patients With Cardiogenic Shock. JACC: Cardiovascular Interventions, 2020, 13, 1182-1193.	2.9	41
87	Effective transcatheter valve implantation after pulmonary homograft failure: A new perspective on the Ross operation. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 84-88.	0.8	39
88	Long-term importance of right ventricular outflow tract patch function in patients with pulmonary regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 1103-1107.	0.8	39
89	Renal Sympathetic Denervation in Patients With Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2021, 14, e007421.	3.9	39
90	Impact of Residual Mitral Regurgitation on Survival After Transcatheter Edge-to-Edge Repair for SecondaryÂMitral Regurgitation. JACC: Cardiovascular Interventions, 2021, 14, 1243-1253.	2.9	39

#	Article	IF	CITATIONS
91	Transcatheter treatment of tricuspid regurgitation using edge-to-edge repair: procedural results, clinical implications and predictors of success. EuroIntervention, 2018, 14, e290-e297.	3.2	39
92	Invasive Right Ventricular Pressure-Volume Analysis: Basic Principles, Clinical Applications, and Practical Recommendations. Circulation: Heart Failure, 2022, 15, CIRCHEARTFAILURE121009101.	3.9	39
93	Biventricular endomyocardial biopsy in patients with suspected myocarditis: Feasibility, complication rate and additional diagnostic value. International Journal of Cardiology, 2017, 230, 364-370.	1.7	38
94	Percutaneous Pulmonary Valve Implantation. Pediatric Cardiac Surgery Annual, 2009, 12, 112-117.	1.2	37
95	Electrical Remodeling Following Percutaneous Pulmonary Valve Implantation. American Journal of Cardiology, 2011, 107, 309-314.	1.6	37
96	Invasive aortic pulse wave velocity as a marker for arterial stiffness predicts outcome of renal sympathetic denervation. EuroIntervention, 2016, 12, e684-e692.	3.2	37
97	Functional outcomes after the Ross (pulmonary autograft) procedure assessed with magnetic resonance imaging and cardiopulmonary exercise testing. Heart, 2010, 96, 304-308.	2.9	36
98	MRI May Be Sufficient for Noninvasive Assessment of Great Vessel Stents: An In Vitro Comparison of MRI, CT, and Conventional Angiography. American Journal of Roentgenology, 2010, 195, 865-871.	2.2	36
99	Acute adverse events in cardiac MR imaging with gadolinium-based contrast agents: results from the European Society of Cardiovascular Radiology (ESCR) MRCT Registry in 72,839 patients. European Radiology, 2019, 29, 3686-3695.	4.5	36
100	Transcatheter tricuspid valve repair in the setting of heart failure with preserved or reduced left ventricular ejection fraction. European Journal of Heart Failure, 2020, 22, 1817-1825.	7.1	36
101	Pulse Wave Velocity Predicts Response to Renal Denervation in Isolated Systolic Hypertension. Journal of the American Heart Association, 2017, 6, .	3.7	34
102	Outcomes Stratified by Adapted Inclusion Criteria After Mitral Edge-to-Edge Repair. Journal of the American College of Cardiology, 2021, 78, 2408-2421.	2.8	34
103	Long-term prognosis after extracorporeal life support in refractory cardiogenic shock: results from a real-world cohort. EuroIntervention, 2016, 11, 1363-1371.	3.2	33
104	Transapical mitral valve implantation for treatment of symptomatic mitral valve disease: a realâ€world multicentre experience. European Journal of Heart Failure, 2022, 24, 899-907.	7.1	33
105	Transcatheter Mitral Valve Repair inÂPatients With Atrial Functional MitralÂRegurgitation. JACC: Cardiovascular Imaging, 2022, 15, 1843-1851.	5.3	33
106	Outcomes of TTVI in Patients With Pacemaker or Defibrillator Leads. JACC: Cardiovascular Interventions, 2020, 13, 554-564.	2.9	32
107	Intra-aortic balloon counterpulsation — Basic principles and clinical evidence. Vascular Pharmacology, 2014, 60, 52-56.	2.1	30
108	Acute and Short-Term Results of Transcatheter Edge-to-Edge Repair for Severe Tricuspid Regurgitation Using the MitraClip XTR System. JACC: Cardiovascular Interventions, 2019, 12, 604-605.	2.9	30

#	Article	IF	CITATIONS
109	Aetiologyâ€based clinical scenarios predict outcomes of transcatheter edgeâ€ŧoâ€edge tricuspid valve repair of functional tricuspid regurgitation. European Journal of Heart Failure, 2019, 21, 1117-1125.	7.1	29
110	12â€Month outcomes of transcatheter tricuspid valve repair with the PASCAL system for severe tricuspid regurgitation. Catheterization and Cardiovascular Interventions, 2021, 97, 1281-1289.	1.7	29
111	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. European Journal of Heart Failure, 2020, 22, 1826-1836.	7.1	28
112	Impact of Anesthesia Strategy and Valve Type on Clinical Outcomes After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2021, 77, 2204-2215.	2.8	28
113	Clinical Trial Design Principles and Outcomes Definitions for Device-Based Therapies for Hypertension: A Consensus Document From the Hypertension Academic Research Consortium. Circulation, 2022, 145, 847-863.	1.6	28
114	Quantitative assessment of homograft function 1 year after insertion into the pulmonary position: impact of in situ homograft geometry on valve competence. European Heart Journal, 2009, 30, 2147-2154.	2.2	27
115	Transcatheter Treatment of Functional Tricuspid Regurgitation Using the Trialign Device. Interventional Cardiology Review, 2017, 13, 8.	1.6	27
116	Immediate clinical and haemodynamic benefits of restoration of pulmonary valvar competence in patients with pulmonary hypertension. Heart, 2008, 95, 646-650.	2.9	26
117	Closure of latrogenic Atrial Septal Defect After Transcatheter Mitral Valve Repair. Circulation, 2021, 143, 292-294.	1.6	26
118	Transcatheter Tricuspid Valve Intervention in Patients With Right Ventricular Dysfunction or Pulmonary Hypertension. Circulation: Cardiovascular Interventions, 2021, 14, e009685.	3.9	26
119	Proteomics to improve phenotyping in obese patients with heart failure with preserved ejection fraction. European Journal of Heart Failure, 2021, 23, 1633-1644.	7.1	26
120	The WATCHMAN Left Atrial Appendage Closure Device for Atrial Fibrillation. Journal of Visualized Experiments, 2012, , .	0.3	25
121	Outcome of elderly undergoing extracorporeal life support in refractory cardiogenic shock. Clinical Research in Cardiology, 2017, 106, 379-385.	3.3	25
122	German Multicenter Experience With a New Leaflet-Based Transcatheter Mitral Valve Repair System for Mitral Regurgitation. JACC: Cardiovascular Interventions, 2020, 13, 2769-2778.	2.9	25
123	Incidence, characteristics and functional implications of cerebral embolic lesions after the MitraClip procedure. EuroIntervention, 2015, 10, 1195-1203.	3.2	25
124	Proteomics-Enabled Deep Learning Machine Algorithms Can Enhance Prediction of Mortality. Journal of the American College of Cardiology, 2021, 78, 1621-1631.	2.8	25
125	Assessment of acute changes in ventricular volumes, function, and strain after interventional edge-to-edge repair of mitral regurgitation using cardiac magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 1399-1404.	1.2	24
126	Sex-Related Clinical Characteristics and Outcomes of Patients Undergoing Transcatheter Edge-to-Edge Repair for Secondary Mitral Regurgitation. JACC: Cardiovascular Interventions, 2021, 14, 819-827.	2.9	24

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127	Percutaneous implantation of pulmonary valves for treatment of right ventricular outflow tract dysfunction. Cardiology in the Young, 2008, 18, 260-267.	0.8	22
128	Cardiohepatic Syndrome Is Associated With Poor Prognosis in Patients Undergoing Tricuspid Transcatheter Edge-to-Edge Valve Repair. JACC: Cardiovascular Interventions, 2022, 15, 179-189.	2.9	22
129	Renal Denervation in Isolated Systolic Hypertension Using Different Catheter Techniques and Technologies. Hypertension, 2019, 74, 341-348.	2.7	21
130	Impact of percutaneous pulmonary valve implantation for right ventricular outflow tract dysfunction on exercise recovery kinetics. International Journal of Cardiology, 2014, 177, 276-280.	1.7	20
131	Association of upstream clopidogrel administration and myocardial reperfusion assessed by cardiac magnetic resonance imaging in patients with ST-elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2014, 3, 110-117.	1.0	19
132	Right atrial–right ventricular coupling in heart failure with preserved ejection fraction. Clinical Research in Cardiology, 2020, 109, 54-66.	3.3	19
133	Cardiac output states in patients with severe functional tricuspid regurgitation: impact on treatment success and prognosis. European Journal of Heart Failure, 2021, 23, 1784-1794.	7.1	19
134	A Statistical Model of Right Ventricle in Tetralogy of Fallot for Prediction of Remodelling and Therapy Planning. Lecture Notes in Computer Science, 2009, 12, 214-221.	1.3	19
135	What is the evidence for IABP in STEMI with and without cardiogenic shock?. Therapeutic Advances in Cardiovascular Disease, 2012, 6, 123-132.	2.1	18
136	Outcome in Patients With Left‣ided Nativeâ€Valve Infective Endocarditis and Isolated Large Vegetations. Clinical Cardiology, 2014, 37, 626-633.	1.8	18
137	The potential additional diagnostic value of assessing for pericardial effusion on cardiac magnetic resonance imaging in patients with suspected myocarditis. European Heart Journal Cardiovascular Imaging, 2014, 15, 643-650.	1.2	18
138	3D-assessment of RVOT dimensions prior percutaneous pulmonary valve implantation: comparison of contrast-enhanced magnetic resonance angiography versus 3D steady-state free precession sequence. International Journal of Cardiovascular Imaging, 2019, 35, 1453-1463.	1.5	18
139	Dissecting Calcific Aortic Valve Disease—The Role, Etiology, and Drivers of Valvular Fibrosis. Frontiers in Cardiovascular Medicine, 2021, 8, 660797.	2.4	18
140	Time-dependency, predictors and clinical impact of infarct transmurality assessed by magnetic resonance imaging in patients with ST-elevation myocardial infarction reperfused by primary coronary percutaneous intervention. Clinical Research in Cardiology, 2012, 101, 191-200.	3.3	17
141	Ultrasound-based renal sympathetic denervation for the treatment of therapy-resistant hypertension. Journal of Hypertension, 2017, 35, 1310-1317.	0.5	17
142	Predictors for profound blood pressure response in patients undergoing renal sympathetic denervation. Journal of Hypertension, 2018, 36, 1578-1584.	0.5	17
143	Final 3-Year Outcomes of MiStent Biodegradable Polymer Crystalline Sirolimus-Eluting Stent Versus Xience Permanent Polymer Everolimus-Eluting Stent. Circulation: Cardiovascular Interventions, 2020, 13, e008737.	3.9	17
144	An assessment of the cost of percutaneous pulmonary valve implantation (PPVI) versus surgical pulmonary valve replacement (PVR) in patients with right ventricular outflow tract dysfunction. Journal of Medical Economics, 2011, 14, 47-52.	2.1	16

#	Article	IF	CITATIONS
145	Impact of Tricuspid Valve Morphology on Clinical Outcomes After Transcatheter Edge-to-Edge Repair. JACC: Cardiovascular Interventions, 2021, 14, 1616-1618.	2.9	16
146	How do angioplasty balloons work: a computational study on balloon expansion forces. EuroIntervention, 2010, 6, 638-642.	3.2	16
147	Cardiac magnetic resonance assessment of central and peripheral vascular function in patients undergoing renal sympathetic denervation as predictor for blood pressure response. Clinical Research in Cardiology, 2018, 107, 945-955.	3.3	15
148	Implications of atrial volumes in surgical corrected Tetralogy of Fallot on clinical adverse events. International Journal of Cardiology, 2019, 283, 107-111.	1.7	15
149	Changes in dynamic mitral valve geometry during percutaneous edge–edge mitral valve repair with the MitraClip system. Journal of Echocardiography, 2019, 17, 84-94.	0.8	15
150	Clinical and Echocardiographic Outcomes of Transcatheter Tricuspid Valve Interventions: A Systematic Review and Meta-Analysis. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	15
151	Predictors of blood pressure response to ultrasound renal denervation in the RADIANCE-HTN SOLO study. Journal of Human Hypertension, 2022, 36, 629-639.	2.2	14
152	Early experience of the trialign system for catheter-based treatment of severe tricuspid regurgitation. European Heart Journal, 2016, 37, 3543-3543.	2.2	13
153	Comparison of volumetric and functional parameters in simultaneous cardiac PET/MR: feasibility of volumetric assessment with residual activity from prior PET/CT. European Radiology, 2017, 27, 5146-5157.	4.5	13
154	The potential role of plasma miRâ€155 and miRâ€206 as circulatory biomarkers in inflammatory cardiomyopathy. ESC Heart Failure, 2021, 8, 1850-1860.	3.1	13
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