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List of Publications by Year in descending order

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Version: 2024-02-01

235
papers

9,872
citations

57758

44
h-index

42399

92
g-index

240
all docs

240
docs citations

240
times ranked

8394
citing authors

#	ARTICLE	IF	CITATIONS
1	PCI Strategies in Patients with Acute Myocardial Infarction and Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2017, 377, 2419-2432.	27.0	764
2	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. <i>New England Journal of Medicine</i> , 2017, 376, 1824-1834.	27.0	742
3	Percutaneous Mechanical Circulatory Support Versus Intra-Aortic Balloon Pump in Cardiogenic Shock After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017, 69, 278-287.	2.8	612
4	Comparison of an everolimus-eluting bioresorbable scaffold with an everolimus-eluting metallic stent for the treatment of coronary artery stenosis (ABSORB II): a 3 year, randomised, controlled, single-blind, multicentre clinical trial. <i>Lancet</i> , The, 2016, 388, 2479-2491.	13.7	451
5	Bioresorbable Scaffolds versus Metallic Stents in Routine PCI. <i>New England Journal of Medicine</i> , 2017, 376, 2319-2328.	27.0	363
6	Physiological Basis and Long-Term Clinical Outcome of Discordance Between Fractional Flow Reserve and Coronary Flow Velocity Reserve in Coronary Stenoses of Intermediate Severity. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 301-311.	3.9	322
7	One-Year Outcomes after PCI Strategies in Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2018, 379, 1699-1710.	27.0	303
8	Multicenter Core Laboratory Comparison of the Instantaneous Wave-Free Ratio and Resting P _{FR} With Fractional Flow Reserve. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1253-1261.	2.8	301
9	Percutaneous Intervention for Concurrent Chronic Total Occlusions in Patients With STEMI. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1622-1632.	2.8	300
10	Coronary vascular regulation, remodelling, and collateralization: mechanisms and clinical implications on behalf of the working group on coronary pathophysiology and microcirculation. <i>European Heart Journal</i> , 2015, 36, 3134-3146.	2.2	177
11	Prospective Assessment of the Diagnostic Accuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 824-833.	2.9	172
12	Stent Thrombosis. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1081-1092.	2.9	159
13	Baseline Instantaneous Wave-Free Ratio as a Pressure-Only Estimation of Underlying Coronary Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 492-502.	3.9	152
14	Early Intravenous Beta-Blockers in Patients With ST-Segment Elevation Myocardial Infarction Before Primary Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2705-2715.	2.8	144
15	Fundamentals in clinical coronary physiology: why coronary flow is more important than coronary pressure. <i>European Heart Journal</i> , 2015, 36, 3312-3319.	2.2	131
16	Coronary pressure and flow relationships in humans: phasic analysis of normal and pathological vessels and the implications for stenosis assessment: a report from the Iberian "Dutch" English (IDEAL) collaborators. <i>European Heart Journal</i> , 2015, 37, 2069-2080.	2.2	129
17	Fractional flow reserve as a surrogate for inducible myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2013, 10, 439-452.	13.7	127
18	Initial experience and clinical evaluation of the Absorb bioresorbable vascular scaffold (BVS) in real-world practice: the AMC Single Centre Real World PCI Registry. <i>EuroIntervention</i> , 2015, 10, 1160-1168.	3.2	118

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19	Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1437-1449.	2.9	111
20	Myocardial infarction triggers cardioprotective antigen-specific T helper cell responses. <i>Journal of Clinical Investigation</i> , 2019, 129, 4922-4936.	8.2	109
21	Genousâ„¢ endothelial progenitor cell capturing stent vs. the Taxus LibertÃ© stent in patients with de novo coronary lesions with a high-risk of coronary restenosis: a randomized, single-centre, pilot study. <i>European Heart Journal</i> , 2010, 31, 1055-1064.	2.2	106
22	Fractional Flow Reserve/Instantaneous Wave-Free Ratio Discordance in Angiographically Intermediate Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2514-2524.	2.9	104
23	Impact of hyperaemic microvascular resistance on fractional flow reserve measurements in patients with stable coronary artery disease: insights from combined stenosis and microvascular resistance assessment. <i>Heart</i> , 2014, 100, 951-959.	2.9	102
24	Comparison of balloon-expandable vs. self-expandable valves in patients undergoing transfemoral transcatheter aortic valve implantation: from the CENTER-collaboration. <i>European Heart Journal</i> , 2019, 40, 456-465.	2.2	100
25	Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Predicts Hemodynamic Outcome In Humans With Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 757-767.	2.9	95
26	Clinical quantitative cardiac imaging for the assessment of myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2020, 17, 427-450.	13.7	94
27	The Prognostic Value of Bleeding Academic Research Consortium (BARC)-Defined Bleeding Complications in ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1866-1875.	2.8	93
28	Multivessel versus culprit lesion only percutaneous revascularization plus potential staged revascularization in patients with acute myocardial infarction complicated by cardiogenic shock: Design and rationale of CULPRIT-SHOCK trial. <i>American Heart Journal</i> , 2016, 172, 160-169.	2.7	93
29	Immediate and Long-Term Effect of Balloon Angioplasty or Stent Implantation on the Absolute and Relative Coronary Blood Flow Velocity Reserve. <i>Circulation</i> , 1998, 98, 2133-2140.	1.6	91
30	A Randomized Comparison of Paclitaxel-Eluting Balloon Versus Everolimus-Eluting Stent for the Treatment of Any In-Stent Restenosis. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 275-283.	2.9	88
31	Impact of Aortic Valve Stenosis on Coronary Hemodynamics and the Instantaneous Effect of Transcatheter Aortic Valve Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002443.	3.9	75
32	Sex Differences in Transfemoral Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2758-2767.	2.8	71
33	Clinical Implication of Quantitative Flow Ratio After Percutaneous Coronary Intervention for 3-Vessel Disease. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2064-2075.	2.9	71
34	Predictors, Incidence, and Outcomes of Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation Complicated by Stroke. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007546.	3.9	71
35	Real-time use of instantaneous wave-free ratio: Results of the ADVISE in-practice: An international, multicenter evaluation of instantaneous wave-free ratio in clinical practice. <i>American Heart Journal</i> , 2014, 168, 739-748.	2.7	67
36	Advances in IVUS/OCT and Future Clinical Perspective of Novel Hybrid Catheter System in Coronary Imaging. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 119.	2.4	65

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37	Imaging Systemic Inflammatory Networks in Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1583-1591.	2.8	64
38	Coronary Physiology During Exercise and Vasodilation in the Healthy Heart and in Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2016, 68, 688-697.	2.8	60
39	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1617-1638.	2.9	60
40	Antiplatelet therapy following transcatheter aortic valve implantation. <i>Heart</i> , 2015, 101, 1118-1125.	2.9	56
41	Anxiety levels of patients undergoing coronary procedures in the catheterization laboratory. <i>International Journal of Cardiology</i> , 2017, 228, 926-930.	1.7	55
42	Arteriogenesis: Mechanisms and modulation of collateral artery development. <i>Journal of Nuclear Cardiology</i> , 2001, 8, 687-693.	2.1	54
43	Distal Embolization of Hydrophilic-Coating Material From Coronary Guidewires After Percutaneous Coronary Interventions. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e001816.	3.9	50
44	Association of Sex With Outcomes in Patients Undergoing Percutaneous Coronary Intervention. <i>JAMA Cardiology</i> , 2020, 5, 21.	6.1	49
45	Efficacy of the RADPAD Protection Drape in Reducing Operators' Radiation Exposure in the Catheterization Laboratory. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	48
46	Angiography-Derived Fractional Flow Reserve in the SYNTAX II Trial. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 259-270.	2.9	46
47	Randomised comparison of a bioresorbable everolimus-eluting scaffold with a metallic everolimus-eluting stent for ischaemic heart disease caused by de novo native coronary artery lesions: the 2-year clinical outcomes of the ABSORB II trial. <i>EuroIntervention</i> , 2016, 12, 1102-1107.	3.2	46
48	Elevated monocyte-specific type I interferon signalling correlates positively with cardiac healing in myocardial infarct patients but interferon alpha application deteriorates myocardial healing in rats. <i>Basic Research in Cardiology</i> , 2019, 114, 1.	5.9	44
49	Pharmacological Modulation of the Human Collateral Vascular Resistance in Acute and Chronic Coronary Occlusion Assessed by Intracoronary Blood Flow Velocity Analysis in an Angioplasty Model. <i>Circulation</i> , 1997, 96, 106-115.	1.6	42
50	Amsterdam Investigator-initiated Absorb strategy all-comers trial (AIDA trial): A clinical evaluation comparing the efficacy and performance of ABSORB everolimus-eluting bioresorbable vascular scaffold strategy vs the XIENCE family (XIENCE PRIME or XIENCE Xpedition) everolimus-eluting coronary stent strategy in the treatment of coronary lesions in consecutive all-comers: Rationale and study design. <i>American Heart Journal</i> , 2014, 167, 133-140.	2.7	41
51	Incidence, Predictors, and Impact of Vascular Complications After Transfemoral Transcatheter Aortic Valve Implantation With the SAPIEN 3 Prosthesis. <i>American Journal of Cardiology</i> , 2018, 121, 1231-1238.	1.6	41
52	Evaluation of Microvascular Injury in Revascularized Patients With ST-Segment Elevation Myocardial Infarction Treated With Ticagrelor Versus Prasugrel. <i>Circulation</i> , 2019, 139, 636-646.	1.6	40
53	Two-year follow-up of the genous endothelial progenitor cell capturing stent versus the taxus libert stent in patients with De Novo coronary artery lesions with a high risk of restenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 78, 189-195.	1.7	38
54	Comparison of Doppler Flow Velocity and Thermodilution Derived Indexes of Coronary Physiology. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1060-1070.	2.9	38

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55	Incidence and Potential Mechanism(s) of Post-Procedural Rise of Cardiac Biomarker in Patients With Coronary Artery Narrowing After Implantation of an Everolimus-Eluting Bioresorbable Vascular Scaffold or Everolimus-Eluting Metallic Stent. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1053-1063.	2.9	36
56	Transcatheter Replacement of Stenotic Aortic Valve Normalizes Cardiac Coronary Interaction by Restoration of Systolic Coronary Flow Dynamics as Assessed by Wave Intensity Analysis. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e002356.	3.9	36
57	Association of diabetes with outcomes in patients undergoing contemporary percutaneous coronary intervention: Pre-specified subgroup analysis from the randomized GLOBAL LEADERS study. <i>Atherosclerosis</i> , 2020, 295, 45-53.	0.8	36
58	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , 2019, 73, 444-453.	2.8	35
59	Influence of the amount of myocardium subtended to a coronary stenosis on the index of microcirculatory resistance. Implications for the invasive assessment of microcirculatory function in ischaemic heart disease. <i>EuroIntervention</i> , 2017, 13, 944-952.	3.2	33
60	10-Year Follow-Up After Revascularization in Elderly Patients With Complex Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2761-2773.	2.8	32
61	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
62	Predictors of outcome in patients undergoing MitraClip implantation: An aid to improve patient selection. <i>International Journal of Cardiology</i> , 2015, 189, 238-243.	1.7	31
63	Efficacy and Safety of Stents in ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2572-2584.	2.8	31
64	Comparison of Outcome After Percutaneous Mitral Valve Repair With the MitraClip in Patients With Versus Without Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2017, 120, 2035-2040.	1.6	29
65	Angiographic late lumen loss revisited: impact on long-term target lesion revascularization. <i>European Heart Journal</i> , 2018, 39, 3381-3389.	2.2	29
66	Mitral Inflow Patterns after MitraClip Implantation at Rest and during Exercise. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 24-31.e1.	2.8	28
67	Contribution of Age-Related Microvascular Dysfunction to Abnormal Coronary. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 20-29.	2.9	28
68	Mechanical properties and performances of contemporary drug-eluting stent: focus on the metallic backbone. <i>Expert Review of Medical Devices</i> , 2019, 16, 211-228.	2.8	27
69	Transfemoral TAVR in Nonagenarians. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 911-920.	2.9	27
70	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2035-2046.	2.9	26
71	Impact of post-procedural minimal stent area on 2-year clinical outcomes in the SYNTAX II trial. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, E225-E234.	1.7	26
72	Relationship between FFR, CFR and coronary microvascular resistance - Practical implications for FFR-guided percutaneous coronary intervention. <i>PLoS ONE</i> , 2019, 14, e0208612.	2.5	26

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73	Physiological assessment of left main coronary artery disease. <i>EuroIntervention</i> , 2017, 13, 820-827.	3.2	26
74	Complete two-year follow-up with formal non-inferiority testing on primary outcomes of the AIDA trial comparing the Absorb bioresorbable scaffold with the XIENCE drug-eluting metallic stent in routine PCI. <i>EuroIntervention</i> , 2018, 14, e426-e433.	3.2	26
75	The SYNTAX score on its way out or â€¦ towards artificial intelligence: part I. <i>EuroIntervention</i> , 2020, 16, 44-59.	3.2	26
76	Recurrent Myocardial Infarction After Primary Percutaneous Coronary Intervention for ST-Segment Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2014, 113, 229-235.	1.6	25
77	Comparison of Major Adverse Cardiac Events Between Instantaneous Wave-Free Ratio and Fractional Flow Reserveâ€“Guided Strategy in Patients With or Without Type 2 Diabetes. <i>JAMA Cardiology</i> , 2019, 4, 857.	6.1	25
78	Artificial Intelligence for Aortic Pressure Waveform Analysis During CoronaryÂAngiography. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2093-2101.	2.9	24
79	Functional comparison between the BuMA Supreme biodegradable polymer sirolimus-eluting stent and a durable polymer zotarolimus-eluting coronary stent using quantitative flow ratio: PIONEER QFR substudy. <i>EuroIntervention</i> , 2018, 14, e570-e579.	3.2	24
80	Safety and efficacy of drug eluting stents in patients with spontaneous coronary artery dissection. <i>International Journal of Cardiology</i> , 2017, 238, 105-109.	1.7	22
81	Novel molecular imaging ligands targeting matrix metalloproteinases 2 and 9 for imaging of unstable atherosclerotic plaques. <i>PLoS ONE</i> , 2017, 12, e0187767.	2.5	22
82	Invasive minimal Microvascular Resistance Is a New Index to Assess Microcirculatory Function Independent of Obstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	21
83	Guideline-defined futility or patient-reported outcomes to assess treatment success after TAVI: what to use? Results from a prospective cohort study with long-term follow-up. <i>Open Heart</i> , 2018, 5, e000879.	2.3	21
84	Circulating MicroRNAs Characterizing Patients with Insufficient Coronary Collateral Artery Function. <i>PLoS ONE</i> , 2015, 10, e0137035.	2.5	21
85	Influence of increased heart rate and aortic pressure on resting indices of functional coronary stenosis severity. <i>Basic Research in Cardiology</i> , 2017, 112, 61.	5.9	20
86	Impact of Coronary Remodeling on Fractional Flow Reserve. <i>Circulation</i> , 2018, 137, 747-749.	1.6	20
87	Strain analysis is superior to wall thickening in discriminating between infarcted myocardium with and without microvascular obstruction. <i>European Radiology</i> , 2018, 28, 5171-5181.	4.5	20
88	Determining the Predominant Lesion in Patients With Severe Aortic Stenosis and Coronary Stenoses. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008263.	3.9	20
89	CT determined psoas muscle area predicts mortality in women undergoing transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, E248-E254.	1.7	20
90	Impact of Center Experience on Patient Radiation Exposure During Transradial Coronary Angiography and Percutaneous Intervention: A Patientâ€Level, International, Collaborative, Multiâ€Center Analysis. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	19

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91	Predictive ability of ACEF and ACEF II score in patients undergoing percutaneous coronary intervention in the GLOBAL LEADERS study. <i>International Journal of Cardiology</i> , 2019, 286, 43-50.	1.7	19
92	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction. <i>Journal of the American Heart Association</i> , 2022, 11, e025171.	3.7	19
93	Percutaneous Mitral Valve Repair Preserves Right Ventricular Function. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1098-1106.	2.8	18
94	Long term outcome after mononuclear bone marrow or peripheral blood cells infusion after myocardial infarction. <i>Heart</i> , 2015, 101, 363-368.	2.9	18
95	Long-term left ventricular remodelling after revascularisation for ST-segment elevation myocardial infarction as assessed by cardiac magnetic resonance imaging. <i>Open Heart</i> , 2017, 4, e000569.	2.3	18
96	Cerebral protection devices during transcatheter aortic valve implantation. <i>Trends in Cardiovascular Medicine</i> , 2018, 28, 412-418.	4.9	18
97	Comparison of Outcomes of Transfemoral Aortic Valve Implantation in Patients <90 With Those >90 Years of Age. <i>American Journal of Cardiology</i> , 2018, 121, 1581-1586.	1.6	18
98	Fractional Flow Reserve or Coronary Flow Reserve for the Assessment of Myocardial Perfusion. <i>Current Cardiology Reports</i> , 2018, 20, 77.	2.9	18
99	Non-hyperaemic coronary pressure measurements to guide coronary interventions. <i>Nature Reviews Cardiology</i> , 2020, 17, 629-640.	13.7	18
100	The SYNTAX score on its way out or towards artificial intelligence: part II. <i>EuroIntervention</i> , 2020, 16, 60-75.	3.2	18
101	DAPT Score and the Impact of Ticagrelor Monotherapy During the Second Year After PCI. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 634-646.	2.9	17
102	First-in-man randomised comparison of the BuMA Supreme biodegradable polymer sirolimus-eluting stent versus a durable polymer zotarolimus-eluting coronary stent: the PIONEER trial. <i>EuroIntervention</i> , 2018, 13, 2026-2035.	3.2	17
103	Radial versus femoral artery access for percutaneous coronary artery intervention in patients with acute myocardial infarction and multivessel disease complicated by cardiogenic shock: Subanalysis from the CULPRIT-SHOCK trial. <i>American Heart Journal</i> , 2020, 225, 60-68.	2.7	16
104	A randomised comparison of healing response between the BuMA Supreme stent and the XIENCE stent at one-month and two-month follow-up: PIONEER-II OCT randomised controlled trial. <i>EuroIntervention</i> , 2018, 14, e1306-e1315.	3.2	16
105	Ticagrelor monotherapy versus aspirin monotherapy at 12 months after percutaneous coronary intervention: a landmark analysis of the GLOBAL LEADERS trial. <i>EuroIntervention</i> , 2022, 18, e377-e388.	3.2	16
106	Rationale and design of a double-blind, multicenter, randomized, placebo-controlled clinical trial of early administration of intravenous β -blockers in patients with ST-elevation myocardial infarction before primary percutaneous coronary intervention. <i>American Heart Journal</i> , 2014, 168, 661-666.	2.7	15
107	Predictors and prognostic consequence of gastrointestinal bleeding in patients with ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2015, 184, 128-134.	1.7	15
108	The IMPACT Study (Influence of Sensor-Equipped Microcatheters on Coronary Hemodynamics and the) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T Interventions</i> , 2016, 9, .	3.9	15

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109	Distal Evaluation of Functional performance with Intravascular sensors to assess the Narrowing Effectâ€”combined pressure and Doppler FLOW velocity measurements (DEFINE-FLOW) trial: Rationale and trial design. <i>American Heart Journal</i> , 2020, 222, 139-146.	2.7	15
110	Platelet Inhibition, Endothelial Function, and Clinical Outcome in Patients Presenting With STâ€”Segmentâ€”Elevation Myocardial Infarction Randomized to Ticagrelor Versus Prasugrel Maintenance Therapy: Longâ€”Term Followâ€”Up of the REDUCEâ€”MVI Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e014411.	3.7	15
111	State of the art: pressure wire and coronary functional assessment. <i>EuroIntervention</i> , 2017, 13, 666-679.	3.2	15
112	Basal stenosis resistance index derived from simultaneous pressure and flow velocity measurements. <i>EuroIntervention</i> , 2016, 12, e199-e207.	3.2	15
113	Mitral regurgitation prior to transcatheter aortic valve implantation influences survival but not symptoms. <i>International Journal of Cardiology</i> , 2016, 204, 95-100.	1.7	14
114	Abnormal haemodynamic postural response in patients with chronic heart failure. <i>ESC Heart Failure</i> , 2017, 4, 146-153.	3.1	14
115	The association of body mass index with long-term clinical outcomes after ticagrelor monotherapy following abbreviated dual antiplatelet therapy in patients undergoing percutaneous coronary intervention: a prespecified sub-analysis of the GLOBAL LEADERS Trial. <i>Clinical Research in Cardiology</i> , 2020, 109, 1125-1139.	3.3	14
116	Implantation techniques (predilatation, sizing, and post-dilatation) and the incidence of scaffold thrombosis and revascularisation in lesions treated with an everolimus-eluting bioresorbable vascular scaffold: insights from the AIDA trial. <i>EuroIntervention</i> , 2018, 14, e434-e442.	3.2	14
117	Diagnostic cutoff for pressure drop coefficient in relation to fractional flow reserve and coronary flow reserve: A Patientâ€”Level Analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 273-282.	1.7	13
118	Impact of Potentially Malignant Incidental Findings by Computed Tomographic Angiography on Long-Term Survival After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 994-1001.	1.6	13
119	Procedural Outcome and Midterm Survival of Lower Risk Transfemoral Transcatheter Aortic Valve Implantation Patients Treated With the SAPIEN XT or SAPIEN 3 Device. <i>American Journal of Cardiology</i> , 2018, 121, 856-861.	1.6	13
120	Recovery and prognostic value of myocardial strain in ST-segment elevation myocardial infarction patients with a concurrent chronic total occlusion. <i>European Radiology</i> , 2020, 30, 600-608.	4.5	13
121	Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis Undergoing Transcatheter Aortic Valve Implantation. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 494-499.	2.6	13
122	Invasive and non-invasive assessment of ischaemia in chronic coronary syndromes: translating pathophysiology to clinical practice. <i>European Heart Journal</i> , 2022, 43, 105-117.	2.2	13
123	NT-pro-BNP is associated with inducible myocardial ischemia in mildly symptomatic type 2 diabetic patients. <i>International Journal of Cardiology</i> , 2010, 145, 295-296.	1.7	12
124	Diagnostic Accuracy of Coronary CT Angiography for the Evaluation of Bioresorbable Vascular Scaffolds. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 722-732.	5.3	12
125	Aortic valve calcification volumes and chronic brain infarctions in patients undergoing transcatheter aortic valve implantation. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 2123-2133.	1.5	12
126	Myocardial fibrosis predicts adverse outcome after MitraClip implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 1146-1149.	1.7	12

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127	Older coronary thrombus is an independent predictor of 1â€year mortality in acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2016, 46, 501-510.	3.4	11
128	Impact of collateralisation to a concomitant chronic total occlusion in patients with ST-elevation myocardial infarction: a subanalysis of the EXPLORE randomised controlled trial. <i>Open Heart</i> , 2018, 5, e000810.	2.3	11
129	Comparison of an everolimus-eluting bioresorbable scaffold with an everolimus-eluting metallic stent in routine PCI: three-year clinical outcomes from the AIDA trial. <i>EuroIntervention</i> , 2019, 15, 603-606.	3.2	11
130	Two-year clinical outcomes of Absorb bioresorbable vascular scaffold implantation in complex coronary artery disease patients stratified by SYNTAX score and ABSORB II study enrolment criteria. <i>EuroIntervention</i> , 2016, 12, e557-e565.	3.2	11
131	Coronary flow capacity: concept, promises, and challenges. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1033-1039.	1.5	10
132	Sufentanilâ€medetomidine anaesthesia compared with fentanyl/fluanisoneâ€midazolam is associated with fewer ventricular arrhythmias and death during experimental myocardial infarction in rats and limits infarct size following reperfusion. <i>Laboratory Animals</i> , 2018, 52, 271-279.	1.0	10
133	Elixhauser Comorbidity Score Is the Best Risk Score in Predicting Survival After Mitraclip Implantation. <i>Structural Heart</i> , 2018, 2, 53-57.	0.6	10
134	Quantification of Myocardial Mass Subtended by a Coronary Stenosis Using Intracoronary Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007322.	3.9	10
135	Pressure-derived estimations of coronary flow reserve are inferior to flow-derived coronary flow reserve as diagnostic and risk stratification tools. <i>International Journal of Cardiology</i> , 2019, 279, 6-11.	1.7	10
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