RÃ¤ber Lorenz

List of Publications by Year
in descending order

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Version: 2024-02-01

214 papers	8,828 citations	50170 46 h-index	49773 87 g-index
215 all docs	215 docs citations	215 times ranked	9014 citing authors

#	Article	IF	Citations
1	Derivation and validation of the predicting bleeding complications in patients undergoing stent implantation and subsequent dual antiplatelet therapy (PRECISE-DAPT) score: a pooled analysis of individual-patient datasets from clinical trials. Lancet, The, 2017, 389, 1025-1034.	6.3	840
2	Plasma ceramides predict cardiovascular death in patients with stable coronary artery disease and acute coronary syndromes beyond LDL-cholesterol. European Heart Journal, 2016, 37, 1967-1976.	1.0	433
3	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2018, 39, 3281-3300.	1.0	431
4	Very Late Coronary Stent Thrombosis of a Newer-Generation Everolimus-Eluting Stent Compared With Early-Generation Drug-Eluting Stents. Circulation, 2012, 125, 1110-1121.	1.6	341
5	Effect of Biolimus-Eluting Stents With Biodegradable Polymer vs Bare-Metal Stents on Cardiovascular Events Among Patients With Acute Myocardial Infarction. JAMA - Journal of the American Medical Association, 2012, 308, 777.	3.8	278
6	Mechanisms of Very Late Drug-Eluting Stent Thrombosis Assessed by Optical Coherence Tomography. Circulation, 2016, 133, 650-660.	1.6	260
7	Dual Antiplatelet Therapy Duration BasedÂon Ischemic and Bleeding Risks After CoronaryÂStenting. Journal of the American College of Cardiology, 2019, 73, 741-754.	1.2	218
8	Everolimus-eluting bioresorbable stent vs. durable polymer everolimus-eluting metallic stent in patients with ST-segment elevation myocardial infarction: results of the randomized ABSORB ST-segment elevation myocardial infarctionâ€"TROFI II trial. European Heart Journal, 2016, 37, 229-240.	1.0	197
9	Clinical use of intracoronary imaging. Part 2: acute coronary syndromes, ambiguous coronary angiography findings, and guiding interventional decision-making: an expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2019, 40, 2566-2584.	1.0	189
10	Very Late Scaffold Thrombosis. Journal of the American College of Cardiology, 2015, 66, 1901-1914.	1.2	186
11	Effect of Alirocumab Added to High-Intensity Statin Therapy on Coronary Atherosclerosis in Patients With Acute Myocardial Infarction. JAMA - Journal of the American Medical Association, 2022, 327, 1771.	3.8	185
12	Five-Year Clinical and Angiographic Outcomes of a Randomized Comparison of Sirolimus-Eluting and Paclitaxel-Eluting Stents. Circulation, 2011, 123, 2819-2828.	1.6	169
13	Effect of high-intensity statin therapy on atherosclerosis in non-infarct-related coronary arteries (IBIS-4): a serial intravascular ultrasonography study. European Heart Journal, 2015, 36, 490-500.	1.0	168
14	Drug-eluting or bare-metal stents for percutaneous coronary intervention: a systematic review and individual patient data meta-analysis of randomised clinical trials. Lancet, The, 2019, 393, 2503-2510.	6.3	166
15	Impact of Stent Overlap on Angiographic and Long-Term Clinical Outcome in Patients Undergoing Drug-Eluting Stent Implantation. Journal of the American College of Cardiology, 2010, 55, 1178-1188.	1.2	146
16	Evolocumab for Early Reduction of LDLÂCholesterol Levels in Patients With Acute Coronary Syndromes (EVOPACS). Journal of the American College of Cardiology, 2019, 74, 2452-2462.	1.2	135
17	Prognostic value of PCSK9 levels in patients with acute coronary syndromes. European Heart Journal, 2016, 37, 546-553.	1.0	120
18	Mechanisms of Very Late BioresorbableÂScaffold Thrombosis. Journal of the American College of Cardiology, 2017, 70, 2330-2344.	1.2	117

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19	Predictors of stent thrombosis and their implications for clinical practice. Nature Reviews Cardiology, 2019, 16, 243-256.	6.1	117
20	Optical coherence tomography in coronary atherosclerosis assessment and intervention. Nature Reviews Cardiology, 2022, 19, 684-703.	6.1	106
21	Frequency, Timing, and Impact of Access-Site and Nonâ€“Access-Site BleedingÂon Mortality Among PatientsÂUndergoing Transcatheter AorticÂValveÂReplacement. JACC: Cardiovascular Interventions, 2017, 10, 1436-1446.	1.1	99
22	Intracoronary imaging of coronary atherosclerosis: validation for diagnosis, prognosis and treatment. European Heart Journal, 2016, 37, 524-535.	1.0	98
23	Comparison of Newer-Generation Drug-Eluting With Bare-Metal Stents inÂPatients With Acute ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Interventions, 2014, 7, 55-63.	1.1	96
24	Long-Term Comparison of Everolimus-Eluting and Sirolimus-Eluting Stents for Coronary Revascularization. Journal of the American College of Cardiology, 2011, 57, 2143-2151.	1.2	92
25	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. EuroIntervention, 2018, 14, 656-677.	1.4	92
26	Validation of high bleeding risk criteria and definition as proposed by the academic research consortium for high bleeding risk. European Heart Journal, 2020, 41, 3743-3749.	1.0	89
27	Impact of Diabetic Status on Outcomes After Revascularization With Drug-Eluting Stents in Relation to Coronary Artery Disease Complexity. Circulation: Cardiovascular Interventions, 2016, 9, e003255.	1.4	88
28	Prognostic Value of Right Ventricular Dysfunction on Clinical Outcomes After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Imaging, 2019, 12, 577-587.	2.3	85
29	Ten-year clinical outcomes of first-generation drug-eluting stents: the Sirolimus-Eluting vs. Paclitaxel-Eluting Stents for Coronary Revascularization (SIRTAX) VERY LATE trial. European Heart Journal, 2016, 37, 3386-3395.	1.0	80
30	Trimethyllysine, a trimethylamine N-oxide precursor, provides near- and long-term prognostic value in patients presenting with acute coronary syndromes. European Heart Journal, 2019, 40, 2700-2709.	1.0	79
31	The association between in-stent neoatherosclerosis and native coronary artery disease progression: a long-term angiographic and optical coherence tomography cohort study. European Heart Journal, 2015, 36, 2167-2176.	1.0	77
32	Profiling and validation of circulating microRNAs for cardiovascular events in patients presenting with ST-segment elevation myocardial infarction. European Heart Journal, 2017, 38, ehw563.	1.0	77
33	Clinical Impact of Gastrointestinal Bleeding in Patients Undergoing Percutaneous Coronary Interventions. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	75
34	Improved risk stratification of patients with acute coronary syndromes using a combination of hsTnT, NT-proBNP and hsCRP with the GRACE score. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 129-138.	0.4	70
35	Impact of Left Ventricular Outflow Tract Calcification on Procedural Outcomes After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 1789-1799.	1.1	66
36	Procedural Results and Clinical Outcomes of Transcatheter Aortic Valve Implantation in Switzerland. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	64

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37	Risk and timing of recurrent ischemic events among patients with stable ischemic heart disease, nonâ€“ST-segment elevation acute coronary syndrome, and ST-segment elevation myocardial infarction. American Heart Journal, 2016, 175, 56-65.	1.2	61
38	Changes in Coronary Plaque Composition in Patients With Acute Myocardial Infarction Treated With High-Intensity Statin Therapy (IBIS-4). JACC: Cardiovascular Imaging, 2019, 12, 1518-1528.	2.3	61
39	Amulet or Watchman Device for Percutaneous Left Atrial Appendage Closure: Primary Results of the SWISS-APERO Randomized Clinical Trial. Circulation, 2022, 145, 724-738.	1.6	61
40	Prosthesis-Patient Mismatch Following Transcatheter Aortic Valve Replacement With Supra-Annular and Intra-Annular Prostheses. JACC: Cardiovascular Interventions, 2019, 12, 2173-2182.	1.1	60
41	The Impact of Left Ventricular Diastolic Dysfunction on Clinical Outcomes After TranscatheterÂAortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 593-601.	1.1	58
42	Biolimus-Eluting Stents With Biodegradable Polymer Versus Bare-Metal Stents in Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2014, 7, 355-364.	1.4	56
43	Long-Term Vascular Healing in Response to Sirolimus- and Paclitaxel-Eluting Stents. JACC: Cardiovascular Interventions, 2012, 5, 946-957.	1.1	55
44	Correlates and Outcomes of Late and VeryÂLate Drug-Eluting Stent Thrombosis. JACC: Cardiovascular Interventions, 2014, 7, 1093-1102.	1.1	55
45	Rates and predictors of hospital readmission after transcatheter aortic valve implantation. European Heart Journal, 2017, 38, 2211-2217.	1.0	54
46	Arterial Remodeling After Bioresorbable Scaffolds and Metallic Stents. Journal of the American College of Cardiology, 2017, 70, 60-74.	1.2	51
47	Cysteine-rich angiogenic inducer 61 (Cyr61): a novel soluble biomarker of acute myocardial injury improves risk stratification after acute coronary syndromes. European Heart Journal, 2017, 38, 3493-3502.	1.0	46
48	Differential healing response attributed to culprit lesions of patients with acute coronary syndromes and stable coronary artery after implantation of drug-eluting stents: An optical coherence tomography study. International Journal of Cardiology, 2014, 173, 259-267.	0.8	44
49	Hemodynamic Relevance of Anomalous Coronary Arteries Originating From the Opposite Sinus of Valsalva-In Search of the Evidence. Frontiers in Cardiovascular Medicine, 2020, 7, 591326.	1.1	42
50	Postâ€Procedural Troponin Elevation and Clinical Outcomes Following Transcatheter Aortic Valve Implantation. Journal of the American Heart Association, 2016, 5, .	1.6	41
51	Current Status of Drug-Eluting Stents. Cardiovascular Therapeutics, 2011, 29, 176-189.	1.1	40
52	Clinical Benefit of IVUS Guidance for Coronary Stenting. Journal of the American College of Cardiology, 2018, 72, 3138-3141.	1.2	40
53	Comparative Effectiveness and Safety of New-Generation Versus Early-Generation Drug-Eluting Stents According to Complexity of Coronary Artery Disease. JACC: Cardiovascular Interventions, 2015, 8, 1657-1666.	1.1	38
54	Predictors of Early (1-Week) Outcomes Following Left Atrial Appendage Closure With Amplatzer Devices. JACC: Cardiovascular Interventions, 2016, 9, 1374-1383.	1.1	38

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55	Frequency, Reasons, and Impact of Premature Ticagrelor Discontinuation in Patients Undergoing Coronary Revascularization in Routine Clinical Practice. Circulation: Cardiovascular Interventions, 2018, 11, e006132.	1.4	38
56	Reasons for discontinuation of recommended therapies according to the patients after acute coronary syndromes. European Journal of Internal Medicine, 2015, 26, 56-62.	1.0	37
57	Early versus newer generation devices for transcatheter aortic valve implantation in routine clinical practice: a propensity score matched analysis. Open Heart, 2018, 5, e000695.	0.9	36
58	Transcatheter aortic valve thrombosis: incidence, clinical presentation and long-term outcomes. European Heart Journal Cardiovascular Imaging, 2018, 19, 398-404.	0.5	36
59	Validation of High-Risk Features for Stent-Related Ischemic Events as Endorsed by the 2017 DAPT Guidelines. JACC: Cardiovascular Interventions, 2019, 12, 820-830.	1.1	36
60	New-onset arrhythmias following transcatheter aortic valve implantation: a systematic review and meta-analysis. Heart, 2018, 104, 1208-1215.	1.2	34
61	Prognostic Impact of Periprocedural Myocardial Infarction in Patients Undergoing Elective Percutaneous Coronary Interventions. Circulation: Cardiovascular Interventions, 2018, 11, e006752.	1.4	32
62	Five-year clinical outcomes and intracoronary imaging findings of the COMFORTABLE AMI trial: randomized comparison of biodegradable polymer-based biolimus-eluting stents with bare-metal stents in patients with acute ST-segment elevation myocardial infarction. European Heart Journal, 2019, 40, 1909-1919.	1.0	32
63	Utility of Multimodality Intravascular Imaging and the Local Hemodynamic Forces to Predict Atherosclerotic DiseaseÂProgression. JACC: Cardiovascular Imaging, 2020, 13, 1021-1032.	2.3	32
64	Serial Assessment of Tissue Precursors andÂProgression of Coronary Calcification Analyzed by Fusion of IVUS and OCT. JACC: Cardiovascular Imaging, 2017, 10, 1151-1161.	2.3	31
65	Current Use of Intracoronary Imaging in Interventional Practiceã€€â€• Results of a European Association of Percutaneous Cardiovascular Interventions (EAPCI) and Japanese Association of Cardiovascular Interventions and Therapeutics (CVIT) Clinical Practice Survey â€•. Circulation Journal, 2018, 82, 1360-1368.	0.7	31
66	Efficacy and Safety of Stents in ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 2572-2584.	1.2	31
67	Transcatheter aortic valve replacement in patients with concomitant mitral stenosis. European Heart Journal, 2019, 40, 1342-1351.	1.0	29
68	Impact of local endothelial shear stress on neointima and plaque following stent implantation in patients with ST-elevation myocardial infarction: A subgroup-analysis of the COMFORTABLE AMIâ€“IBIS 4 trial. International Journal of Cardiology, 2015, 186, 178-185.	0.8	28
69	Does isolated mitral annular calcification in the absence of mitral valve disease affect clinical outcomes after transcatheter aortic valve replacement?. European Heart Journal Cardiovascular Imaging, 2020, 21, 522-532.	0.5	28
70	ST-elevation myocardial infarction and pulmonary embolism in a patient with COVID-19 acute respiratory distress syndrome. European Heart Journal, 2020, 41, 2134-2134.	1.0	28
71	Soluble lectin-like oxidized low-density lipoprotein receptor-1 predicts premature death in acute coronary syndromes. European Heart Journal, 2022, 43, 1849-1860.	1.0	28
72	Baseline serum bicarbonate levels independently predict short-term mortality in critically ill patients with ischaemic cardiogenic shock. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 45-52.	0.4	27

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73	Shear Stress Estimated by Quantitative Coronary Angiography Predicts Plaques Prone to Progress and Cause Events. JACC: Cardiovascular Imaging, 2020, 13, 2206-2219.	2.3	27
74	Comparison of biolimus eluted from an erodible stent coating with bare metal stents in acute ST-elevation myocardial infarction (COMFORTABLE AMI trial): rationale and design. EuroIntervention, 2012, 7, 1435-1443.	1.4	27
75	Validity of SYNTAX score II for risk stratification of percutaneous coronary interventions: A patient-level pooled analysis of 5433 patients enrolled in contemporary coronary stent trials. International Journal of Cardiology, 2015, 187, 111-115.	0.8	26
76	Arterial healing following primary PCI using the Absorb everolimus-eluting bioresorbable vascular scaffold (Absorb BVS) versus the durable polymer everolimus-eluting metallic stent (XIENCE) in patients with acute ST-elevation myocardial infarction: rationale and design of the randomised TROFI II study. EuroIntervention, 2016, 12, 482-489.	1.4	25
77	The MI SYNTAX score for risk stratification in patients undergoing primary percutaneous coronary intervention for treatment of acute myocardial infarction: A substudy of the COMFORTABLE AMI trial. International Journal of Cardiology, 2014, 175, 314-322.	0.8	24
78	Duration of Triple Antithrombotic TherapyÂand Outcomes Among PatientsÂUndergoing Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2016, 9, 1473-1483.	1.1	24
79	Prognostic value of elevated lipoprotein(a) in patients with acute coronary syndromes. European Journal of Clinical Investigation, 2019, 49, e13117.	1.7	24
80	Frequency and Outcomes of Periprocedural MI in Patients With Chronic Coronary Syndromes Undergoing PCI. Journal of the American College of Cardiology, 2022, 79, 513-526.	1.2	24
81	Validation of the Valve Academic Research Consortium Bleeding Definition in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. Journal of the American Heart Association, 2015, 4, e002135.	1.6	23
82	Everolimus-Eluting Biodegradable Polymer Versus Everolimus-Eluting Durable Polymer Stent for CoronaryÂRevascularization in RoutineÂClinicalÂPractice. JACC: Cardiovascular Interventions, 2019, 12, 1665-1675.	1.1	23
83	Prediction of restenosis based on hemodynamical markers in revascularized femoro-popliteal arteries during leg flexion. Biomechanics and Modeling in Mechanobiology, 2019, 18, 1883-1893.	1.4	23
84	Sexâ€Based Differences in Bleeding Risk After Percutaneous Coronary Intervention and Implications for the Academic Research Consortium High Bleeding Risk Criteria. Journal of the American Heart Association, 2021, 10, e021965.	1.6	23
85	Long-term safety and feasibility of three-vessel multimodality intravascular imaging in patients with ST-elevation myocardial infarction: the IBIS-4 (integrated biomarker and imaging study) substudy. International Journal of Cardiovascular Imaging, 2015, 31, 915-926.	0.7	22
86	Regression of coronary atherosclerosis: Current evidence and future perspectives. Trends in Cardiovascular Medicine, 2016, 26, 150-161.	2.3	22
87	Changes of coronary plaque composition correlate with C-reactive protein levels in patients with ST-elevation myocardial infarction following high-intensity statin therapy. Atherosclerosis, 2016, 247, 154-160.	0.4	22
88	Diabetes and baseline glucose are associated with inflammation, left ventricular function and short- and long-term outcome in acute coronary syndromes: role of the novel biomarker Cyr 61. Cardiovascular Diabetology, 2019, 18, 142.	2.7	21
89	Design of the randomized, placeboâ€controlled evolocumab for early reduction of LDLâ€cholesterol levels in patients with acute coronary syndromes (EVOPACS) trial. Clinical Cardiology, 2018, 41, 1513-1520.	0.7	20
90	Ischemia and Bleeding in CancerÂPatientsÂUndergoing Percutaneous Coronary Intervention. JACC: CardioOncology, 2019, 1, 145-155.	1.7	20

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91	Endovascular Therapy for Erectile Dysfunctionâ€"Who Benefits Most? Insights From a Single-Center Experience. Journal of Endovascular Therapy, 2019, 26, 181-190.	0.8	19
92	Preprocedural High-Sensitivity Cardiac Troponin T and Clinical Outcomes in Patients With Stable Coronary Artery Disease Undergoing Elective Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	18
93	Valvular and Nonvalvular AtrialÂFibrillation in Patients Undergoing Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2124-2133.	1.1	18
94	Efficacy and Safety of Ticagrelor Monotherapy by Clinical Presentation: Preâ€Specified Analysis of the GLOBAL LEADERS Trial. Journal of the American Heart Association, 2021, 10, e015560.	1.6	18
95	Watchman FLX vs. Watchman 2.5 in a Dual-Center Left Atrial Appendage Closure Cohort: the WATCH-DUAL study. Europace, 2022, 24, 1441-1450.	0.7	18
96	Intracoronary optical coherence tomography: Clinical and research applications and intravascular imaging software overview. Catheterization and Cardiovascular Interventions, 2017, 89, 679-689.	0.7	17
97	A 4-item PRECISE-DAPT score for dual antiplatelet therapy duration decision-making. American Heart Journal, 2020, 223, 44-47.	1.2	17
98	Effects of the PCSK9 antibody alirocumab on coronary atherosclerosis in patients with acute myocardial infarction: a serial, multivessel, intravascular ultrasound, near-infrared spectroscopy and optical coherence tomography imaging studyâ€"Rationale and design of the PACMAN-AMI trial. American Heart Journal, 2021, 238, 33-44.	1.2	17
99	In vivo relationship between near-infrared spectroscopy-detected lipid-rich plaques and morphological plaque characteristics by optical coherence tomography and intravascular ultrasound: a multimodality intravascular imaging study. European Heart Journal Cardiovascular Imaging, 2021, 22, 824-834.	0.5	17
100	Effect of Diabetes Mellitus on Frequency of Adverse Events in Patients With Acute Coronary Syndromes Undergoing Percutaneous Coronary Intervention. American Journal of Cardiology, 2016, 118, 345-352.	0.7	16
101	Implications of the local hemodynamic forces on the formation and destabilization of neoatherosclerotic lesions. International Journal of Cardiology, 2018, 272, 7-12.	0.8	16
102	Impact of left ventricular function on clinical outcomes among patients with coronary artery disease. European Journal of Preventive Cardiology, 2019, 26, 1273-1284.	0.8	16
103	Prognostic value of pulse pressure after an acute coronary syndrome. Atherosclerosis, 2018, 277, 219-226.	0.4	15
104	Quantitative Flow Ratio to Predict Nontarget Vesselâ€"Related Events at 5 Years in Patients With STâ€Segmentâ€"Elevation Myocardial Infarction Undergoing Angiographyâ€Guided Revascularization. Journal of the American Heart Association, 2021, 10, e019052.	1.6	15
105	Health utility indexes in patients with acute coronary syndromes. Open Heart, 2016, 3, e000419.	0.9	14
106	Implications of the local haemodynamic forces on the phenotype of coronary plaques. Heart, 2019, 105, 1078-1086.	1.2	14
107	Validation of the 2019 Expert Consensus Algorithm for the Management of Conduction Disturbances After TAVR. JACC: Cardiovascular Interventions, 2021, 14, 981-991.	1.1	14
108	Effect of Post-Dilatation Following Primary PCI With Everolimus-Eluting Bioresorbable Scaffold Versus Everolimus-Eluting Metallic Stent Implantation. JACC: Cardiovascular Interventions, 2017, 10, 1867-1877.	1.1	13

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109	Unselected Use of Ultrathin Strut Biodegradable Polymer Sirolimus-Eluting Stent Versus Durable Polymer Everolimus-Eluting Stent for Coronary Revascularization. Circulation: Cardiovascular Interventions, 2018, 11, e006741.	1.4	13
110	Impact of Echocardiographic Guidance on Safety and Efficacy of Left Atrial Appendage Closure. JACC: Cardiovascular Interventions, 2021, 14, 1815-1826.	1.1	13
111	Additive Effect of Anemia and Renal Impairment on Long-Term Outcome after Percutaneous Coronary Intervention. PLoS ONE, 2014, 9, e114846.	1.1	13
112	Fully automated lumen and vessel contour segmentation in intravascular ultrasound datasets. Medical Image Analysis, 2022, 75, 102262.	7.0	13
113	The Value of Intracoronary Imaging and Coronary Physiology When Treating Calcified Lesions. Interventional Cardiology Review, 2019, 14, 164-168.	0.7	12
114	External validity of the â€œall-comersâ€•design: insights from the BIOSCIENCE trial. Clinical Research in Cardiology, 2016, 105, 744-754.	1.5	11
115	Computed tomography detection and quantification of left atrial appendage residual patency as collateral finding after percutaneous closure. International Journal of Cardiology, 2018, 260, 42-46.	0.8	11
116	Incidence, Predictors, and Clinical Impact of Early Prasugrel Cessation in Patients With STâ€Elevation Myocardial Infarction. Journal of the American Heart Association, 2018, 7, .	1.6	11
117	Angiographic derived endothelial shear stress: a new predictor of atherosclerotic disease progression. European Heart Journal Cardiovascular Imaging, 2019, 20, 314-322.	0.5	11
118	Non-Linear Relationship between Anti-Apolipoprotein A-1 IgGs and Cardiovascular Outcomes in Patients with Acute Coronary Syndromes. Journal of Clinical Medicine, 2019, 8, 1002.	1.0	11
119	Outcomes of Intravascular Ultrasoundâ€“Guided Percutaneous Coronary Intervention in the United States. JACC: Cardiovascular Interventions, 2020, 13, 1891-1893.	1.1	11
120	Mechanism of Drug-Eluting Absorbable Metal Scaffold Restenosis. Circulation: Cardiovascular Interventions, 2020, 13, e008657.	1.4	11
121	Incidence and impact of renal dysfunction on clinical outcomes after transcatheter aortic valve implantation. International Journal of Cardiology, 2018, 250, 73-79.	0.8	11
122	Rehospitalizations Following Primary Percutaneous Coronary Intervention in Patients With STâ€Elevation Myocardial Infarction: Results From a Multiâ€Center Randomized Trial. Journal of the American Heart Association, 2017, 6, .	1.6	10
123	Biodegradable vs. permanent polymer drug-eluting stents: the need for a new nomenclature to classify drug-eluting stent technology. European Heart Journal, 2019, 40, 2616-2619.	1.0	10
124	The Impact of Renal Impairment on Long-Term Safety and Effectiveness of Drug-Eluting Stents. PLoS ONE, 2014, 9, e106450.	1.1	10
125	Left atrial appendage closure for thrombus trapping: the international, multicentre TRAPEUR registry. EuroIntervention, 2022, 18, 50-57.	1.4	10
126	Improving 1-year mortality prediction in ACS patients using machine learning. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 855-865.	0.4	9

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127	Providing safe perioperative care in cardiac surgery during the COVID-19 pandemic. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 321-332.	1.7	9
128	Stent thrombosis in early-generation drug-eluting stents versus newer-generation everolimus-eluting stent assorted by LVEF. Heart, 2015, 101, 50-57.	1.2	8
129	Aspiration Thrombectomy for Treatment of ST-segment Elevation Myocardial Infarction: a Meta-analysis of 26 Randomized Trials in 11 943 Patients. Revista Espanola De Cardiologia (English Ed), 2015, 68, 746-752.	0.4	8
130	Intricacies in the analysis and interpretation of optical coherence tomography findings. EuroIntervention, 2014, 9, 1374-1377.	1.4	8
131	Controlled-Level EVERolimus in Acute Coronary Syndrome (CLEVER-ACS) - A phase II, randomized, double-blind, multi-center, placebo-controlled trial. American Heart Journal, 2022, 247, 33-41.	1.2	8
132	Neoatherosclerosis as reason for stent failures beyond 5 years after drug-eluting stent implantation. European Heart Journal, 2014, 35, 1980-1980.	1.0	7
133	Bioresorbable Scaffolds. Circulation, 2019, 140, 1917-1920.	1.6	7
134	Prognostic values of fasting hyperglycaemia in non-diabetic patients with acute coronary syndrome: A prospective cohort study. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 589-598.	0.4	7
135	Prognostic value of total testosterone levels in patients with acute coronary syndromes. European Journal of Preventive Cardiology, 2021, 28, 235-242.	0.8	7
136	Residual inflammatory risk at 12 months after acute coronary syndromes is frequent and associated with combined adverse events. Atherosclerosis, 2021, 320, 31-37.	0.4	7
137	Heart valve sizing and clinical outcomes in patients undergoing transcatheter aortic valve implantation. Catheterization and Cardiovascular Interventions, 2021, 98, E768-E779.	0.7	7
138	Design and Rationale of the Swiss-Apero Randomized Clinical Trial: Comparison of Amplatzer Amulet vs Watchman Device in Patients Undergoing Left Atrial Appendage Closure. Journal of Cardiovascular Translational Research, 2021, 14, 930-940.	1.1	7
139	Effect of Perioperative Lipid Status on Clinical Outcomes after Cardiac Surgery. Cells, 2021, 10, 2717.	1.8	7
140	Combined Analysis of Myocardial Deformation and Oxygenation Detects Inducible Ischemia Unmasked by Breathing Maneuvers in Chronic Coronary Syndrome. Frontiers in Cardiovascular Medicine, 2022, 9, 800720.	1.1	7
141	Intravascular imaging assessment of pharmacotherapies targeting atherosclerosis: advantages and limitations in predicting their prognostic implications. Cardiovascular Research, 2023, 119, 121-135.	1.8	7
142	Clinical outcomes and cardiac rehabilitation in underrepresented groups after percutaneous coronary intervention: an observational study. European Journal of Preventive Cardiology, 2022, 29, 1093-1103.	0.8	7
143	Safety of Prasugrel Loading Doses inÂPatients Pre-Loaded With ClopidogrelÂinÂtheÂSetting of Primary Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2015, 8, 1064-1074.	1.1	6
144	Clinical impact of a structured secondary cardiovascular prevention program following acute coronary syndromes: A prospective multicenter healthcare intervention. PLoS ONE, 2019, 14, e0211464.	1.1	6

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145	Novel Diagnostic Approach to Invasively Confirm Interarterial Course of Anomalous Right Coronary Artery. JACC: Cardiovascular Interventions, 2020, 13, 132-134.	1.1	6
146	Randomized Comparison of Optical Coherence Tomography Versus Angiography to Guide Bioresorbable Vascular Scaffold Implantation: The OPTICO BVS Study. Cardiovascular Revascularization Medicine, 2020, 21, 1244-1250.	0.3	6
147	Predictive value of the QFR in detecting vulnerable plaques in non-flow limiting lesions: a combined analysis of the PROSPECT and IBIS-4 study. International Journal of Cardiovascular Imaging, 2020, 36, 993-1002.	0.7	6
148	Impact of Intracoronary Optical Coherence Tomography in Routine Clinical Practice: A Contemporary Cohort Study. Cardiovascular Revascularization Medicine, 2022, 38, 96-103.	0.3	6
149	Balloon pulmonary angioplasty for the treatment of chronic thromboembolic pulmonary hypertension. EuroIntervention, 2019, 15, e814-e815.	1.4	6
150	Diagnostic performance of quantitative coronary artery disease assessment using computed tomography in patients with aortic stenosis undergoing transcatheter aortic-valve implantation. BMC Cardiovascular Disorders, 2022, 22, 178.	0.7	6
151	Postprocedural high-sensitivity troponin T and prognosis in patients with non-ST-segment elevation myocardial infarction treated with early percutaneous coronary intervention. Cardiovascular Revascularization Medicine, 2018, 19, 480-486.	0.3	5
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