Räber Lorenz

List of Publications by Year in descending order

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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	Intravascular imaging assessment of pharmacotherapies targeting atherosclerosis: advantages and limitations in predicting their prognostic implications. Cardiovascular Research, 2023, 119, 121-135.	1.8	7
2	Impact of Intracoronary Optical Coherence Tomography in Routine Clinical Practice: A Contemporary Cohort Study. Cardiovascular Revascularization Medicine, 2022, 38, 96-103.	0.3	6
3	Clinical impact of left atrial appendage filling defects in patients undergoing transcatheter aortic valve implantation. European Heart Journal Cardiovascular Imaging, 2022, 23, 1354-1364.	0.5	2
4	Fully automated lumen and vessel contour segmentation in intravascular ultrasound datasets. Medical Image Analysis, 2022, 75, 102262.	7.0	13
5	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
6	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
7	Machine learning for atherosclerotic tissue component classification in combined near-infrared spectroscopy intravascular ultrasound imaging: Validation against histology. Atherosclerosis, 2022, 345, 15-25.	0.4	4
8	Acute coronary syndromes in young patients: Phenotypes, causes and clinical outcomes following percutaneous coronary interventions International Journal of Cardiology, 2022, 350, 1-8.	0.8	5
9	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
10	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
11	Self-reported non-adherence to P2Y12 inhibitors in patients undergoing percutaneous coronary intervention: Application of the medication non-adherence academic research consortium classification. PLoS ONE, 2022, 17, e0263180.	1.1	3
12	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
13	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
14	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
15	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
16	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
17	Ten-year patterns of stent thrombosis after percutaneous coronary intervention with new- versus early-generation drug-eluting stents: insights from the DECADE cooperation. Revista Espanola De Cardiologia (English Ed), 2022, , .	0.4	5
18	Optical coherence tomography in coronary atherosclerosis assessment and intervention. Nature Reviews Cardiology, 2022, 19, 684-703.	6.1	106

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19	Stent Optimization Using Optical Coherence Tomography and Its Prognostic Implications After Percutaneous Coronary Intervention. Journal of the American Heart Association, 2022, 11, e023493.	1.6	5
20	Pseudoaneurysm Repair With a Septal Occluder. Vascular and Endovascular Surgery, 2022, 56, 628-630.	0.3	0
21	A prospective, multicentre first-in-man study of the polymer-free ultrathin-strut BIOrapid stent (BIOVITESSE). EuroIntervention, 2022, 18, e132-e139.	1.4	1
22	Left atrial appendage closure for thrombus trapping: the international, multicentre TRAPEUR registry. EuroIntervention, 2022, 18, 50-57.	1.4	10
23	Stent-Based Treatment of Refractory Coronary Vasospasm. JACC: Cardiovascular Interventions, 2022, 15, e123-e124.	1.1	0
24	Transient injection site reaction to alirocumab during immune system activation: a case series. European Heart Journal - Case Reports, 2022, 6, ytac187.	0.3	1
25	Risk and Timing of Noncardiac Surgery After Transcatheter Aortic Valve Implantation. JAMA Network Open, 2022, 5, e2220689.	2.8	4
26	Relationship between arterial remodelling and serial changes in coronary atherosclerosis by intravascular ultrasound: an analysis of the IBIS-4 study. European Heart Journal Cardiovascular Imaging, 2021, 22, 1054-1062.	0.5	0
27	Prognostic value of total testosterone levels in patients with acute coronary syndromes. European Journal of Preventive Cardiology, 2021, 28, 235-242.	0.8	7
28	Discharge Location and Outcomes After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2021, 140, 95-102.	0.7	2
29	Endovascular Therapy for Arteriogenic Erectile Dysfunction With a Novel Sirolimus-Eluting Stent. Journal of Sexual Medicine, 2021, 18, 315-326.	0.3	3
30	A case report of a symptomatic right anomalous coronary artery with concomitant atherosclerotic disease: the benefit of a sequential comprehensive non-invasive and invasive diagnostic approach. European Heart Journal - Case Reports, 2021, 5, ytab081.	0.3	4
31	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
32	Plaque erosion causing ST-elevation myocardial infarction after consumption of cannabis and N2O in a 27-year old man: a case report. BMC Cardiovascular Disorders, 2021, 21, 147.	0.7	5
33	Single antiplatelet therapy with use of prasugrel in patients undergoing percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2021, 98, E213-E221.	0.7	3
34	Quantitative Flow Ratio to Predict Nontarget Vessel–Related Events at 5 Years in Patients With STâ€Segment–Elevation Myocardial Infarction Undergoing Angiographyâ€Guided Revascularization. Journal of the American Heart Association, 2021, 10, e019052.	1.6	15
35	Heart valve sizing and clinical outcomes in patients undergoing transcatheter aortic valve implantation. Catheterization and Cardiovascular Interventions, 2021, 98, E768-E779.	0.7	7
36	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

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37	Anaesthesia for minimally invasive cardiac procedures in the catheterization lab. Current Opinion in Anaesthesiology, 2021, 34, 437-442.	0.9	1
38	Improving 1-year mortality prediction in ACS patients using machine learning. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 855-865.	0.4	9
39	Coronary and structural heart interventions in Switzerland 2019. Swiss Medical Weekly, 2021, 151, w20495.	0.8	3
40	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
41	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
42	Discordance in the diagnostic assessment of vulnerable plaques between radiofrequency intravascular ultrasound versus optical coherence tomography among patients with acute myocardial infarction: insights from the IBIS-4 study. International Journal of Cardiovascular Imaging, 2021, 37, 2839-2847.	0.7	3
43	Coronary embolism due to possible thrombosis of prosthetic aortic valve - the role of optical coherence tomography: case report. European Heart Journal - Case Reports, 2021, 5, ytab115.	0.3	2
44	Prognostic Impact of Stent Expansion Indices Following IVUS-Guided PCI. JACC: Cardiovascular Interventions, 2021, 14, 1651-1654.	1.1	2
45	Towards a better understanding of the posttreatment hemodynamic behaviors in femoropopliteal arteries through personalized computational models based on OCT images. Scientific Reports, 2021, 11, 16633.	1.6	3
46	Impact of Echocardiographic Guidance on Safety and Efficacy of Left Atrial Appendage Closure. JACC: Cardiovascular Interventions, 2021, 14, 1815-1826.	1.1	13
47	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 study–Rationale and design of the PACMAN-AMI trial. American Heart Journal, 2021, 238, 33-44.	1.2	17
48	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
49	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
50	<i>In vivo</i> 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 lmaging, 2021, 22, 824-834.	0.5	17
51	Drugâ€Eluting or Bareâ€Metal Stents for Left Anterior Descending or Left Main Coronary Artery Revascularization. Journal of the American Heart Association, 2021, 10, e018828.	1.6	4
52	Cysteineâ€Rich Angiogenic Inducer 61 Improves Prognostic Accuracy of GRACE (Global Registry of Acute) Tj ETQc Heart Association, 2021, 10, e020488.	1.6 no 0 rgB1	Γ /Overlock : 4
53	Impact of Lipoprotein(a) Levels on Perioperative Outcomes in Cardiac Surgery. Cells, 2021, 10, 2829.	1.8	4
54	Effect of Perioperative Lipid Status on Clinical Outcomes after Cardiac Surgery. Cells, 2021, 10, 2717.	1.8	7

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55	High-intensity statin treatment is associated with reduced plaque structural stress and remodelling of artery geometry and plaque architecture. European Heart Journal Open, 2021, $1, \dots$	0.9	3
56	Effect of Timing of Staged Percutaneous Coronary Intervention on Clinical Outcomes in Patients With Acute Coronary Syndromes. Journal of the American Heart Association, 2021, 10, e023129.	1.6	2
57	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
58	Novel Diagnostic Approach to Invasively Confirm Interarterial Course of Anomalous Right Coronary Artery. JACC: Cardiovascular Interventions, 2020, 13, 132-134.	1.1	6
59	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
60	Utility of Multimodality Intravascular Imaging and the Local Hemodynamic Forces to Predict Atherosclerotic DiseaseÂProgression. JACC: Cardiovascular Imaging, 2020, 13, 1021-1032.	2.3	32
61	Reply to â€~Relationship between stent fracture and thrombosis'. Nature Reviews Cardiology, 2020, 17, 64-65.	6.1	1
62	Consistent benefits of IVUS-guidance in complex coronary lesions: It is time to change your PCI practice!. International Journal of Cardiology, 2020, 301, 38-39.	0.8	0
63	Understanding the Bioresorbable Vascular Scaffold Achilles Heel. JACC: Cardiovascular Interventions, 2020, 13, 128-131.	1.1	3
64	Intensified lipid lowering using ezetimibe after publication of the IMPROVE-IT trial: A contemporary analysis from the SPUM-ACS cohort. International Journal of Cardiology, 2020, 303, 8-13.	0.8	5
65	Outcomes of Intravascular Ultrasound–Guided Percutaneous Coronary Intervention in the United States. JACC: Cardiovascular Interventions, 2020, 13, 1891-1893.	1.1	11
66	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
67	Coronary Artery Occlusion Caused byÂIntramural Hematoma Due to In-StentÂDissection. JACC: Case Reports, 2020, 2, 707-708.	0.3	0
68	A 4-item PRECISE-DAPT score for dual antiplatelet therapy duration decision-making. American Heart Journal, 2020, 223, 44-47.	1.2	17
69	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
70	Evaluation of Cumulative Meta-analysis of Rare Events as a Tool for Clinical Trials Safety Monitoring. JAMA Network Open, 2020, 3, e2015031.	2.8	3
71	Valvular and Nonvalvular AtrialÂFibrillation in Patients Undergoing Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2124-2133.	1.1	18
72	Letter by Messerli et al Regarding Article, "Incidence, Trends, and Outcomes of Type 2 Myocardial Infarction in a Community Cohort― Circulation, 2020, 142, e27-e28.	1.6	1

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73	Effect of Galectin 3 on Aldosterone-Associated Risk of Cardiovascular Mortality in Patients Undergoing Coronary Angiography. American Journal of Cardiology, 2020, 127, 9-15.	0.7	2
74	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
75	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
76	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
77	Safety and efficacy of drug eluting stents vs bare metal stents in patients with atrial fibrillation: A systematic review and meta-analysis. Thrombosis Research, 2020, 195, 128-135.	0.8	3
78	Mechanism of Drug-Eluting Absorbable Metal Scaffold Restenosis. Circulation: Cardiovascular Interventions, 2020, 13, e008657.	1.4	11
79	Intractable coronary fibromuscular dysplasia leading to endâ€stage heart failure and fatal heart transplantation. ESC Heart Failure, 2020, 7, 714-720.	1.4	3
80	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
81	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
82	Angiographic derived endothelial shear stress: a new predictor of atherosclerotic disease progression. European Heart Journal Cardiovascular Imaging, 2019, 20, 314-322.	0.5	11
83	Everolimus-Eluting Biodegradable Polymer Versus Everolimus-Eluting Durable Polymer Stent for CoronaryÂRevascularization in RoutineÂClinicalÂPractice. JACC: Cardiovascular Interventions, 2019, 12, 1665-1675.	1.1	23
84	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
85	Diagnosis of malignant coronary vasospasm by 12-lead Holter electrocardiogram and optical coherence tomography. European Heart Journal, 2019, 40, 3442-3442.	1.0	3
86	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
87	Agrobacterium spp. nosocomial outbreak assessment using rapid MALDI-TOF MS based typing, confirmed by whole genome sequencing. Antimicrobial Resistance and Infection Control, 2019, 8, 171.	1.5	4
88	Reply. JACC: Cardiovascular Interventions, 2019, 12, 2228.	1.1	0
89	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
90	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

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91	Bioresorbable Scaffolds. Circulation, 2019, 140, 1917-1920.	1.6	7
92	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
93	Relevance of coronary evaginations in bioresorbable vascular scaffolds. Cardiovascular Revascularization Medicine, 2019, 20, 445-447.	0.3	0
94	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
95	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
96	Acute coronary syndrome triggered by nitro-resistant triptan-induced coronary spasm. European Heart Journal, 2019, 40, 1919-1919.	1.0	3
97	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
98	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
99	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
100	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
101	Right-to-left shunt in cryptogenic cerebrovascular event: fleas and lice. European Heart Journal, 2019, 40, 2017-2017.	1.0	1
102	Implications of the local haemodynamic forces on the phenotype of coronary plaques. Heart, 2019, 105, 1078-1086.	1.2	14
103	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
104	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
105	Prognostic value of elevated lipoprotein(a) in patients with acute coronary syndromes. European Journal of Clinical Investigation, 2019, 49, e13117.	1.7	24
106	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
107	Endovascular Therapy for Erectile Dysfunction—Who Benefits Most? Insights From a Single-Center Experience. Journal of Endovascular Therapy, 2019, 26, 181-190.	0.8	19
108	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

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109	Efficacy and Reproducibility of Attenuation-Compensated Optical Coherence Tomography for Assessing External Elastic Membrane Border and Plaque Composition in Native and Stented Segments ― An In Vivo and Histology-Based Study ―. Circulation Journal, 2019, 84, 91-100.	0.7	5
110	Ischemia and Bleeding in CancerÂPatientsÂUndergoing Percutaneous Coronary Intervention. JACC: CardioOncology, 2019, 1, 145-155.	1.7	20
111	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
112	Transcatheter aortic valve replacement in patients with concomitant mitral stenosis. European Heart Journal, 2019, 40, 1342-1351.	1.0	29
113	Electrocardiographic predictors of mortality in patients after percutaneous coronary interventions – a nested case–control study. Acta Cardiologica, 2019, 74, 341-349.	0.3	1
114	Percutaneous patent foramen ovale closure during live case demonstrations. Catheterization and Cardiovascular Interventions, 2019, 93, 982-988.	0.7	0
115	Predictors of stent thrombosis and their implications for clinical practice. Nature Reviews Cardiology, 2019, 16, 243-256.	6.1	117
116	Prognostic Value of Right Ventricular Dysfunction on Clinical Outcomes After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Imaging, 2019, 12, 577-587.	2.3	85
117	The Value of Intracoronary Imaging and Coronary Physiology When Treating Calcified Lesions. Interventional Cardiology Review, 2019, 14, 164-168.	0.7	12
118	Balloon pulmonary angioplasty for the treatment of chronic thromboembolic pulmonary hypertension. EuroIntervention, 2019, 15, e814-e815.	1.4	6
119	Oral post-hydration after primary PCI for STEMI. Annals of Translational Medicine, 2019, 7, 425-425.	0.7	0
120	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
121	The Impact of Left Ventricular Diastolic Dysfunction on Clinical Outcomes After TranscatheterÂAortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 593-601.	1.1	58
122	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
123	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
124	New-onset arrhythmias following transcatheter aortic valve implantation: a systematic review and meta-analysis. Heart, 2018, 104, 1208-1215.	1.2	34
125	Current Use of Intracoronary Imaging in Interventional Practice ― Results of a European Association of Percutaneous Cardiovascular Interventions (EAPCI) and Japanese Association of Cardiovascular Interventions and Therapeutics (CVIT) Clinical Practice Survey ―. Circulation Journal, 2018, 82, 1360-1368.	0.7	31
126	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

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127	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
128	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
129	Transcatheter aortic valve thrombosis: incidence, clinical presentation and long-term outcomes. European Heart Journal Cardiovascular Imaging, 2018, 19, 398-404.	0.5	36
130	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
131	Prognostic Impact of Periprocedural Myocardial Infarction in Patients Undergoing Elective Percutaneous Coronary Interventions. Circulation: Cardiovascular Interventions, 2018, 11, e006752.	1.4	32
132	Short DAPT Duration for Well-Covered Stents?. JACC: Cardiovascular Imaging, 2018, 11, 1820-1822.	2.3	0
133	Clinical Benefit of IVUS Guidance for Coronary Stenting. Journal of the American College of Cardiology, 2018, 72, 3138-3141.	1.2	40
134	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
135	Late lumen loss in the era of new generation drug-eluting stents: perspective on a quarter century companion. European Heart Journal, 2018, 39, 3390-3392.	1.0	1
136	ST-Segment Elevation Myocardial Infarction Due to Optical Coherence Tomography-Detected CoronaryÂArtery Compression Following Supravalvular Pulmonary Artery Patchplasty 18 Years AfterÂSwitchÂProcedure. JACC: Cardiovascular Interventions, 2018, 11, e149-e151.	1.1	4
137	Progression of cardiac allograft vasculopathy assessed by serial three-vessel quantitative coronary angiography. PLoS ONE, 2018, 13, e0202950.	1.1	2
138	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
139	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
140	Prognostic value of pulse pressure after an acute coronary syndrome. Atherosclerosis, 2018, 277, 219-226.	0.4	15
141	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
142	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
143	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
144	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

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145	Newer Generation Drug-Eluting StentsÂforÂRevascularization of ChronicÂTotal Occlusions. JACC: Cardiovascular Interventions, 2017, 10, 144-146.	1.1	1
146	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
147	Intracoronary optical coherence tomography: Clinical and research applications and intravascular imaging software overview. Catheterization and Cardiovascular Interventions, 2017, 89, 679-689.	0.7	17
148	No significant gender difference in hospitalizations for acute coronary syndrome in Switzerland over the time period of 2001 to 2010. International Journal of Cardiology, 2017, 243, 59-64.	0.8	0
149	Rates and predictors of hospital readmission after transcatheter aortic valve implantation. European Heart Journal, 2017, 38, 2211-2217.	1.0	54
150	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
151	Mechanisms of Very Late BioresorbableÂScaffold Thrombosis. Journal of the American College of Cardiology, 2017, 70, 2330-2344.	1.2	117
152	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
153	Frequency, Timing, and Impact of Access-Site and Non–Access-Site BleedingÂon Mortality Among PatientsÂUndergoing Transcatheter AorticÂValveÂReplacement. JACC: Cardiovascular Interventions, 2017, 10, 1436-1446.	1.1	99
154	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
155	Arterial Remodeling After Bioresorbable Scaffolds and Metallic Stents. Journal of the American College of Cardiology, 2017, 70, 60-74.	1.2	51
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