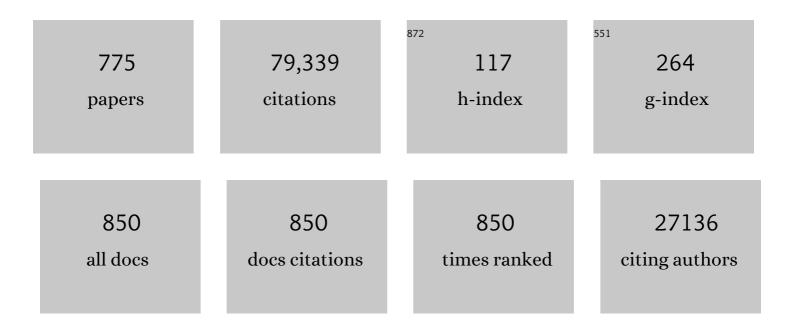
Patrick W Serruys

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Clinical End Points in Coronary Stent Trials. Circulation, 2007, 115, 2344-2351. | 1.6 | 4,993 |
| 2 | A Comparison of Balloon-Expandable-Stent Implantation with Balloon Angioplasty in Patients with Coronary Artery Disease. New England Journal of Medicine, 1994, 331, 489-495. | 27.0 | 4,235 |
| 3 | A Randomized Comparison of a Sirolimus-Eluting Stent with a Standard Stent for Coronary Revascularization. New England Journal of Medicine, 2002, 346, 1773-1780. | 27.0 | 3,791 |
| 4 | Percutaneous Coronary Intervention versus Coronary-Artery Bypass Grafting for Severe Coronary Artery Disease. New England Journal of Medicine, 2009, 360, 961-972. | 27.0 | 3,634 |
| 5 | A Prospective Natural-History Study of Coronary Atherosclerosis. New England Journal of Medicine, 2011, 364, 226-235. | 27.0 | 2,721 |
| 6 | Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2017, 376, 1321-1331. | 27.0 | 2,249 |
| 7 | Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document (VARC-2). European Journal of Cardio-thoracic Surgery, 2012, 42, S45-S60. | 1.4 | 1,605 |
| 8 | Consensus Standards for Acquisition, Measurement, and Reporting of Intravascular Optical Coherence Tomography Studies. Journal of the American College of Cardiology, 2012, 59, 1058-1072. | 2.8 | 1,530 |
| 9 | Coronary artery bypass graft surgery versus percutaneous coronary intervention in patients with three-vessel disease and left main coronary disease: 5-year follow-up of the randomised, clinical SYNTAX trial. Lancet, The, 2013, 381, 629-638. | 13.7 | 1,490 |
| 10 | The SYNTAX Score: an angiographic tool grading the complexity of coronary artery disease. EuroIntervention, 2005, 1, 219-27. | 3.2 | 1,349 |
| 11 | Late thrombosis in drug-eluting coronary stents after discontinuation of antiplatelet therapy. Lancet, The, 2004, 364, 1519-1521. | 13.7 | 1,338 |
| 12 | Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus documentâ€. European Heart Journal, 2012, 33, 2403-2418. | 2.2 | 900 |
| 13 | Everolimus-Eluting Stents or Bypass Surgery for Left Main Coronary Artery Disease. New England Journal of Medicine, 2016, 375, 2223-2235. | 27.0 | 843 |
| 14 | Lack of Neointimal Proliferation After Implantation of Sirolimus-Coated Stents in Human Coronary Arteries. Circulation, 2001, 103, 192-195. | 1.6 | 763 |
| 15 | A bioabsorbable everolimus-eluting coronary stent system (ABSORB): 2-year outcomes and results from multiple imaging methods. Lancet, The, 2009, 373, 897-910. | 13.7 | 755 |
| 16 | Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. New England Journal of Medicine, 2017, 376, 1824-1834. | 27.0 | 742 |
| 17 | Marked Inflammatory Sequelae to Implantation of Biodegradable and Nonbiodegradable Polymers in Porcine Coronary Arteries. Circulation, 1996, 94, 1690-1697. | 1.6 | 726 |
| 18 | Standardized endpoint definitions for transcatheter aortic valve implantation clinical trials: a consensus report from the Valve Academic Research Consortium. European Heart Journal, 2011, 32, 205-217. | 2.2 | 719 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Angiographic Follow-up after Placement of a Self-Expanding Coronary-Artery Stent. New England Journal of Medicine, 1991, 324, 13-17. | 27.0 | 688 |
| 20 | Anatomical and clinical characteristics to guide decision making between coronary artery bypass surgery and percutaneous coronary intervention for individual patients: development and validation of SYNTAX score II. Lancet, The, 2013, 381, 639-650. | 13.7 | 679 |
| 21 | Coronary-Artery Stents. New England Journal of Medicine, 2006, 354, 483-495. | 27.0 | 646 |
| 22 | Comparison of Zotarolimus-Eluting and Everolimus-Eluting Coronary Stents. New England Journal of Medicine, 2010, 363, 136-146. | 27.0 | 608 |
| 23 | Biolimus-eluting stent with biodegradable polymer versus sirolimus-eluting stent with durable polymer for coronary revascularisation (LEADERS): a randomised non-inferiority trial. Lancet, The, 2008, 372, 1163-1173. | 13.7 | 607 |
| 24 | Outcomes in Patients With De Novo Left Main Disease Treated With Either Percutaneous Coronary Intervention Using Paclitaxel-Eluting Stents or Coronary Artery Bypass Graft Treatment in the Synergy Between Percutaneous Coronary Intervention With TAXUS and Cardiac Surgery (SYNTAX) Trial. Circulation, 2010, 121, 2645-2653. | 1.6 | 561 |
| 25 | Five-Year Outcomes After Coronary Stenting Versus Bypass Surgery for the Treatment of Multivessel Disease. Journal of the American College of Cardiology, 2005, 46, 575-581. | 2.8 | 559 |
| 26 | Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial. Lancet, The, 2018, 392, 940-949. | 13.7 | 555 |
| 27 | Five-Year Outcomes after PCI or CABG for Left Main Coronary Disease. New England Journal of Medicine, 2019, 381, 1820-1830. | 27.0 | 523 |
| 28 | A bioresorbable everolimus-eluting scaffold versus a metallic everolimus-eluting stent for ischaemic heart disease caused by de-novo native coronary artery lesions (ABSORB II): an interim 1-year analysis of clinical and procedural secondary outcomes from a randomised controlled trial. Lancet, The, 2015, 385, 43-54. | 13.7 | 514 |
| 29 | Mortality after coronary artery bypass grafting versus percutaneous coronary intervention with stenting for coronary artery disease: a pooled analysis of individual patient data. Lancet, The, 2018, 391, 939-948. | 13.7 | 506 |
| 30 | Assessment of the SYNTAX score in the Syntax study. EuroIntervention, 2009, 5, 50-56. | 3.2 | 480 |
| 31 | Terminology for high-risk and vulnerable coronary artery plaques. European Heart Journal, 2004, 25, 1077-1082. | 2.2 | 478 |
| 32 | 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. Lancet, The, 2016, 388, 2479-2491. | 13.7 | 451 |
| 33 | Angiographic Stent Thrombosis After Routine Use of Drug-Eluting Stents in ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2007, 50, 573-583. | 2.8 | 447 |
| 34 | Five-Year Outcomes in Patients With Left Main Disease Treated With Either Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting in the Synergy Between Percutaneous Coronary Intervention With Taxus and Cardiac Surgery Trial. Circulation, 2014, 129, 2388-2394. | 1.6 | 440 |
| 35 | Standardized End Point Definitions for Coronary Intervention Trials: The Academic Research Consortium-2 Consensus Document. Circulation, 2018, 137, 2635-2650. | 1.6 | 435 |
| 36 | Everolimus-eluting stent versus bare-metal stent in ST-segment elevation myocardial infarction (EXAMINATION): 1 year results of a randomised controlled trial. Lancet, The, 2012, 380, 1482-1490. | 13.7 | 412 |

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Evaluation of the Second Generation of a Bioresorbable Everolimus-Eluting Vascular Scaffold for the Treatment of De Novo Coronary Artery Stenosis. Journal of the American College of Cardiology, 2011, 58, 1578-1588. | 2.8 | 410 |
| 38 | Percutaneous coronary intervention versus coronary artery bypass grafting in patients with three-vessel or left main coronary artery disease: 10-year follow-up of the multicentre randomised controlled SYNTAX trial. Lancet, The, 2019, 394, 1325-1334. | 13.7 | 406 |
| 39 | Bioresorbable Scaffold. Circulation, 2011, 123, 779-797. | 1.6 | 385 |
| 40 | Paravalvular Leak After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2013, 61, 1125-1136. | 2.8 | 374 |
| 41 | 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 |
| 42 | Quantification of Incomplete Revascularization and its Association With Five-Year Mortality in the Synergy Between Percutaneous Coronary Intervention With Taxus and Cardiac Surgery (SYNTAX) Trial Validation of the Residual SYNTAX Score. Circulation, 2013, 128, 141-151. | 1.6 | 326 |
| 43 | Treatment of complex coronary artery disease in patients with diabetes: 5-year results comparing outcomes of bypass surgery and percutaneous coronary intervention in the SYNTAX trialâ€. European Journal of Cardio-thoracic Surgery, 2013, 43, 1006-1013. | 1.4 | 317 |
| 44 | Evaluation of the Second Generation of a Bioresorbable Everolimus Drug-Eluting Vascular Scaffold for Treatment of De Novo Coronary Artery Stenosis. Circulation, 2010, 122, 2301-2312. | 1.6 | 312 |
| 45 | Quantification and Impact of Untreated Coronary Artery Disease After Percutaneous Coronary Intervention. Journal of the American College of Cardiology, 2012, 59, 2165-2174. | 2.8 | 310 |
| 46 | Relationship Between Neointimal Thickness and Shear Stress After Wallstent Implantation in Human Coronary Arteries. Circulation, 2001, 103, 1740-1745. | 1.6 | 303 |
| 47 | Association of hypertension and antihypertensive treatment with COVID-19 mortality: a retrospective observational study. European Heart Journal, 2020, 41, 2058-2066. | 2.2 | 299 |
| 48 | Improved Safety and Reduction in Stent Thrombosis Associated With Biodegradable Polymer-Based Biolimus-Eluting Stents Versus Durable Polymer-Based Sirolimus-Eluting Stents in Patients With Coronary Artery Disease. JACC: Cardiovascular Interventions, 2013, 6, 777-789. | 2.9 | 296 |
| 49 | Coronary artery bypass grafting vs. percutaneous coronary intervention for patients with three-vessel disease: final five-year follow-up of the SYNTAX trial. European Heart Journal, 2014, 35, 2821-2830. | 2.2 | 292 |
| 50 | PCI and CABG for Treating StableÂCoronary Artery Disease. Journal of the American College of Cardiology, 2019, 73, 964-976. | 2.8 | 282 |
| 51 | The SYNergy between percutaneous coronary intervention with TAXus and cardiac surgery (SYNTAX) study: Design, rationale, and run-in phase. American Heart Journal, 2006, 151, 1194-1204. | 2.7 | 281 |
| 52 | From metallic cages to transient bioresorbable scaffolds: change in paradigm of coronary revascularization in the upcoming decade?. European Heart Journal, 2012, 33, 16-25. | 2.2 | 269 |
| 53 | The Negative Impact of Incomplete Angiographic Revascularization on Clinical Outcomes and Its Association With Total Occlusions. Journal of the American College of Cardiology, 2013, 61, 282-294. | 2.8 | 257 |
| 54 | Myocardial infarction adjudication in contemporary all-comer stent trials: balancing sensitivity and specificity. EuroIntervention, 2010, 5, 871-874. | 3.2 | 257 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 55 | 1-year outcomes with the Absorb bioresorbable scaffold in patients with coronary artery disease: a patient-level, pooled meta-analysis. Lancet, The, 2016, 387, 1277-1289. | 13.7 | 253 |
| 56 | A randomized trial evaluating everolimus-eluting Absorb bioresorbable scaffolds vs. everolimus-eluting metallic stents in patients with coronary artery disease: ABSORB Japan. European Heart Journal, 2015, 36, 3332-3342. | 2.2 | 245 |
| 57 | Clinical outcomes of state-of-the-art percutaneous coronary revascularization in patients with de novo three vessel disease: 1-year results of the SYNTAX II study. European Heart Journal, 2017, 38, 3124-3134. | 2.2 | 244 |
| 58 | Feasibility of combined use of intravascular ultrasound radiofrequency data analysis and optical coherence tomography for detecting thin-cap fibroatheroma. European Heart Journal, 2008, 29, 1136-1146. | 2.2 | 235 |
| 59 | A randomised comparison of an everolimus-eluting coronary stent with a paclitaxel-eluting coronary stent:the SPIRIT II trial. EuroIntervention, 2006, 2, 286-94. | 3.2 | 230 |
| 60 | Long-Term Outcomes After Stenting of Bifurcation Lesions With the "Crush―Technique. Journal of the American College of Cardiology, 2006, 47, 1949-1958. | 2.8 | 228 |
| 61 | 5-Year Clinical Outcomes of the ARTS II (Arterial Revascularization Therapies Study II) of the Sirolimus-Eluting Stent in the Treatment of Patients With Multivessel De Novo Coronary Artery Lesions. Journal of the American College of Cardiology, 2010, 55, 1093-1101. | 2.8 | 218 |
| 62 | Prognostic implications of coronary calcification in patients with obstructive coronary artery disease treated by percutaneous coronary intervention: a patient-level pooled analysis of 7 contemporary stent trials. Heart, 2014, 100, 1158-1164. | 2.9 | 216 |
| 63 | Dynamics of vessel wall changes following the implantation of the Absorb everolimus-eluting bioresorbable vascular scaffold: a multi-imaging modality study at 6, 12, 24 and 36 months. EuroIntervention, 2014, 9, 1271-1284. | 3.2 | 212 |
| 64 | Identification of vulnerable plaques and patients by intracoronary near-infrared spectroscopy and ultrasound (PROSPECT II): a prospective natural history study. Lancet, The, 2021, 397, 985-995. | 13.7 | 208 |
| 65 | Transcatheter Aortic Valve Replacement in Europe. Journal of the American College of Cardiology, 2013, 62, 210-219. | 2.8 | 199 |
| 66 | 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 infarction—TROFI II trial. European Heart Journal, 2016, 37, 229-240. | 2.2 | 197 |
| 67 | True 3-Dimensional Reconstruction of Coronary Arteries in Patients by Fusion of Angiography and IVUS (ANGUS) and Its Quantitative Validation. Circulation, 2000, 102, 511-516. | 1.6 | 196 |
| 68 | Five-Year Clinical and Functional Multislice Computed Tomography Angiographic Results After Coronary Implantation of the Fully Resorbable Polymeric Everolimus-Eluting Scaffold in Patients With De Novo Coronary Artery Disease. JACC: Cardiovascular Interventions, 2013, 6, 999-1009. | 2.9 | 195 |
| 69 | Differential Clinical Responses to Everolimus-Eluting and Paclitaxel-Eluting Coronary Stents in Patients With and Without Diabetes Mellitus. Circulation, 2011, 124, 893-900. | 1.6 | 188 |
| 70 | Report of a European Society of Cardiology-European Association of Percutaneous Cardiovascular Interventions task force on the evaluation of coronary stents in Europe: executive summary. European Heart Journal, 2015, 36, 2608-2620. | 2.2 | 187 |
| 71 | Very Late Scaffold Thrombosis. Journal of the American College of Cardiology, 2015, 66, 1901-1914. | 2.8 | 186 |
| 72 | A randomized comparison of a durable polymer Everolimus-eluting stent with a bare metal coronary stent: The SPIRIT first trial. EuroIntervention, 2005, 1, 58-65. | 3.2 | 186 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Meta-Analysis of Everolimus-Eluting Versus Paclitaxel-Eluting Stents in Coronary Artery Disease. JACC: Cardiovascular Interventions, 2013, 6, 914-922. | 2.9 | 181 |
| 74 | Aspirin-free strategies in cardiovascular disease and cardioembolic stroke prevention. Nature Reviews Cardiology, 2018, 15, 480-496. | 13.7 | 180 |
| 75 | Standardized End Point Definitions for Coronary Intervention Trials. European Heart Journal, 2018, 39, 2192-2207. | 2.2 | 179 |
| 76 | Incomplete Stent Apposition Causes High Shear Flow Disturbances and Delay in Neointimal Coverage as a Function of Strut to Wall Detachment Distance. Circulation: Cardiovascular Interventions, 2014, 7, 180-189. | 3.9 | 178 |
| 77 | Expert recommendations on the assessment of wall shear stress in human coronary arteries: existing methodologies, technical considerations, and clinical applications. European Heart Journal, 2019, 40, 3421-3433. | 2.2 | 178 |
| 78 | Strain distribution over plaques in human coronary arteries relates to shear stress. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1608-H1614. | 3.2 | 176 |
| 79 | Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. Lancet, The, 2021, 398, 2149-2159. | 13.7 | 175 |
| 80 | Clinical outcomes in patients with ST-segment elevation myocardial infarction treated with everolimus-eluting stents versus bare-metal stents (EXAMINATION): 5-year results of a randomised trial. Lancet, The, 2016, 387, 357-366. | 13.7 | 174 |
| 81 | Prospective Assessment of the DiagnosticÂAccuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance. JACC: Cardiovascular Interventions, 2015, 8, 824-833. | 2.9 | 172 |
| 82 | Extension of Increased Atherosclerotic Wall Thickness Into High Shear Stress Regions Is Associated With Loss of Compensatory Remodeling. Circulation, 2003, 108, 17-23. | 1.6 | 170 |
| 83 | Impact of statin therapy on coronary plaque composition: a systematic review and meta-analysis of virtual histology intravascular ultrasound studies. BMC Medicine, 2015, 13, 229. | 5.5 | 169 |
| 84 | 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. | 2.2 | 168 |
| 85 | Optimal Medical Therapy Improves Clinical Outcomes in Patients Undergoing Revascularization With Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting. Circulation, 2015, 131, 1269-1277. | 1.6 | 167 |
| 86 | 2-year outcomes with the Absorb bioresorbable scaffold for treatment of coronary artery disease: a systematic review and meta-analysis of seven randomised trials with an individual patient data substudy. Lancet, The, 2017, 390, 760-772. | 13.7 | 163 |
| 87 | Comparison of intravascular ultrasound versus angiography-guided drug-eluting stent implantation: a meta-analysis of one randomised trial and ten observational studies involving 19,619 patients. EuroIntervention, 2012, 8, 855-865. | 3.2 | 163 |
| 88 | Near-Infrared Spectroscopy Predicts Cardiovascular Outcome in Patients WithÂCoronary Artery Disease. Journal of the American College of Cardiology, 2014, 64, 2510-2518. | 2.8 | 162 |
| 89 | Stent-Related Adverse Events >1 Year After PercutaneousÂCoronaryÂIntervention. Journal of the American College of Cardiology, 2020, 75, 590-604. | 2.8 | 160 |
| 90 | ECG-Gated Three-dimensional Intravascular Ultrasound. Circulation, 1997, 96, 2944-2952. | 1.6 | 160 |

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|-----|--|------|-----------|
| 91 | Reduction in Thrombotic Events With Heparin-Coated Palmaz-Schatz Stents in Normal Porcine Coronary Arteries. Circulation, 1996, 93, 423-430. | 1.6 | 158 |
| 92 | Multislice Spiral Computed Tomography for the Evaluation of Stent Patency After Left Main Coronary Artery Stenting. Circulation, 2006, 114, 645-653. | 1.6 | 155 |
| 93 | The Effect of Variable Dose and Release Kinetics on Neointimal Hyperplasia Using a Novel Paclitaxel-Eluting Stent Platform. Journal of the American College of Cardiology, 2005, 46, 253-260. | 2.8 | 154 |
| 94 | Periprocedural quantitative coronary angiography after Palmaz-Schatz stent implantation predicts the restenosis rate at six months. Journal of the American College of Cardiology, 1999, 34, 1067-1074. | 2.8 | 152 |
| 95 | Intravascular Ultrasound Guidance to Minimize the Use of Iodine Contrast in Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2014, 7, 1287-1293. | 2.9 | 152 |
| 96 | 4-Year Clinical Outcomes and Predictors of Repeat Revascularization in Patients Treated With New-Generation Drug-Eluting Stents. Journal of the American College of Cardiology, 2014, 63, 1617-1625. | 2.8 | 152 |
| 97 | Hybrid intravascular imaging: recent advances, technical considerations, and current applications in the study of plaque pathophysiology. European Heart Journal, 2017, 38, 400-412. | 2.2 | 152 |
| 98 | Three-Year Outcomes With the Absorb Bioresorbable Scaffold. Circulation, 2018, 137, 464-479. | 1.6 | 152 |
| 99 | Absorb Bioresorbable Vascular Scaffold Versus Everolimus-Eluting Metallic Stent inÂST-Segment Elevation Myocardial Infarction: 1-Year Results of a Propensity Score Matching Comparison. JACC: Cardiovascular Interventions, 2015, 8, 189-197. | 2.9 | 145 |
| 100 | A Polylactide Bioresorbable Scaffold Eluting Everolimus for Treatment of Coronary Stenosis. Journal of the American College of Cardiology, 2016, 67, 766-776. | 2.8 | 145 |
| 101 | P2Y12 inhibitor monotherapy or dual antiplatelet therapy after coronary revascularisation: individual patient level meta-analysis of randomised controlled trials. BMJ, The, 2021, 373, n1332. | 6.0 | 144 |
| 102 | Stent thrombosis and major clinical events at 3 years after zotarolimus-eluting or sirolimus-eluting coronary stent implantation: a randomised, multicentre, open-label, controlled trial. Lancet, The, 2012, 380, 1396-1405. | 13.7 | 143 |
| 103 | Coronary computed tomography angiography for heart team decision-making in multivessel coronary artery disease. European Heart Journal, 2018, 39, 3689-3698. | 2.2 | 140 |
| 104 | The ABSORB EXTEND study: preliminary report of the twelve-month clinical outcomes in the first 512 patients enrolled. EuroIntervention, 2015, 10, 1396-1401. | 3.2 | 139 |
| 105 | Combined anatomical and clinical factors for the long-term risk stratification of patients undergoing percutaneous coronary intervention: the Logistic Clinical SYNTAX score. European Heart Journal, 2012, 33, 3098-3104. | 2.2 | 138 |
| 106 | PCSK9 in relation to coronary plaque inflammation: Results of the ATHEROREMO-IVUS study. Atherosclerosis, 2016, 248, 117-122. | 0.8 | 137 |
| 107 | Clinical expert consensus document on standards for acquisition, measurement and reporting of intravascular ultrasound regression/progression studies. EuroIntervention, 2011, 6, 1123-1130. | 3.2 | 137 |
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Late Stent Thrombosis. Circulation, 2007, 115, 1433-1439.

1.6 136

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|-----|---|------|-----------|
| 109 | Fast virtual functional assessment of intermediate coronary lesions using routine angiographic data and blood flow simulation in humans: comparison with pressure wire â€″ fractional flow reserve. EuroIntervention, 2014, 10, 574-583. | 3.2 | 136 |
| 110 | Comparison of in vivo acute stent recoil between the bioresorbable everolimusâ€eluting coronary scaffolds (revision 1.0 and 1.1) and the metallic everolimusâ€eluting stent. Catheterization and Cardiovascular Interventions, 2011, 78, 3-12. | 1.7 | 134 |
| 111 | Bioresorbable Scaffold. Circulation Research, 2017, 120, 1341-1352. | 4.5 | 129 |
| 112 | Two-year clinical, angiographic, and serial optical coherence tomographic follow-up after implantation of an everolimus-eluting bioresorbable scaffold and an everolimus-eluting metallic stent: insights from the randomised ABSORB Japan trial. EuroIntervention, 2016, 12, 1090-1101. | 3.2 | 127 |
| 113 | Effect of Technique on Outcomes Following Bioresorbable Vascular ScaffoldÂImplantation. Journal of the American College of Cardiology, 2017, 70, 2863-2874. | 2.8 | 125 |
| 114 | Role of Low Endothelial Shear Stress and Plaque Characteristics in the Prediction of Nonculprit Major Adverse Cardiac Events. JACC: Cardiovascular Imaging, 2018, 11, 462-471. | 5.3 | 124 |
| 115 | Experimental validation of geometric and densitometric coronary measurements on the new generation cardiovascular angiography analysis system (caas ii). Catheterization and Cardiovascular Diagnosis, 1993, 30, 104-114. | 0.3 | 123 |
| 116 | Long-Term Prognostic Effect of Coronary Atherosclerotic Burden. Circulation: Cardiovascular Imaging, 2015, 8, e002332. | 2.6 | 123 |
| 117 | Comparison of Zotarolimus- and Everolimus-Eluting Coronary Stents. Circulation: Cardiovascular Interventions, 2015, 8, e002230. | 3.9 | 122 |
| 118 | Drug-Eluting Stent for Left Main Coronary Artery Disease. JACC: Cardiovascular Interventions, 2012, 5, 718-727. | 2.9 | 121 |
| 119 | Plasma concentrations of molecular lipid species in relation to coronary plaque characteristics and cardiovascular outcome: Results of the ATHEROREMO-IVUS study. Atherosclerosis, 2015, 243, 560-566. | 0.8 | 120 |
| 120 | Redevelopment and validation of the SYNTAX score II to individualise decision making between percutaneous and surgical revascularisation in patients with complex coronary artery disease: secondary analysis of the multicentre randomised controlled SYNTAXES trial with external cohort validation. Lancet, The, 2020, 396, 1399-1412. | 13.7 | 120 |
| 121 | Incidence and multivariable correlates of long-term mortality in patients treated with surgical or percutaneous revascularization in the Synergy between Percutaneous Coronary Intervention with Taxus and Cardiac Surgery (SYNTAX) trial. European Heart Journal, 2012, 33, 3105-3113. | 2.2 | 119 |
| 122 | Natural History of Coronary Atherosclerosis by Multislice Computed Tomography. JACC: Cardiovascular Imaging, 2012, 5, S28-S37. | 5.3 | 119 |
| 123 | Diagnostic performance of angiography-derived fractional flow reserve: a systematic review and Bayesian meta-analysis. European Heart Journal, 2018, 39, 3314-3321. | 2.2 | 116 |
| 124 | Circumferential evaluation of the neointima by optical coherence tomography after ABSORB bioresorbable vascular scaffold implantation: Can the scaffold cap the plaque?. Atherosclerosis, 2012, 221, 106-112. | 0.8 | 115 |
| 125 | Percutaneous coronary intervention with drug-eluting stents versus coronary artery bypass grafting in left main coronary artery disease: an individual patient data meta-analysis. Lancet, The, 2021, 398, 2247-2257. | 13.7 | 115 |
| 126 | ABSORB II randomized controlled trial. American Heart Journal, 2012, 164, 654-663. | 2.7 | 113 |

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|-----|--|-----|-----------|
| 127 | In Vivo Assessment of High-Risk Coronary Plaques at Bifurcations With Combined Intravascular Ultrasound and Optical Coherence Tomography. JACC: Cardiovascular Imaging, 2009, 2, 473-482. | 5.3 | 112 |
| 128 | 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. JACC: Cardiovascular Interventions, 2018, 11, 1437-1449. | 2.9 | 111 |
| 129 | Causes of Death Following PCI Versus CABG in Complex CAD. Journal of the American College of Cardiology, 2016, 67, 42-55. | 2.8 | 110 |
| 130 | Two-Year Clinical, Angiographic, and Intravascular Ultrasound Follow-Up of the XIENCE V Everolimus-Eluting Stent in the Treatment of Patients With De Novo Native Coronary Artery Lesions. Circulation: Cardiovascular Interventions, 2009, 2, 339-347. | 3.9 | 109 |
| 131 | Bioresorbable Drug-Eluting Magnesium-Alloy Scaffold for Treatment of Coronary Artery Disease. International Journal of Molecular Sciences, 2013, 14, 24492-24500. | 4.1 | 109 |
| 132 | Incidence and Imaging Outcomes of Acute Scaffold Disruption and Late Structural Discontinuity After Implantation of the Absorb Everolimus-Eluting Fully Bioresorbable Vascular Scaffold. JACC: Cardiovascular Interventions, 2014, 7, 1400-1411. | 2.9 | 108 |
| 133 | Effect of the Endothelial Shear Stress Patterns on Neointimal Proliferation Following Drug-Eluting Bioresorbable Vascular Scaffold Implantation. JACC: Cardiovascular Interventions, 2014, 7, 315-324. | 2.9 | 108 |
| 134 | Association of Coronary Stenosis and Plaque Morphology With Fractional Flow Reserve and Outcomes. JAMA Cardiology, 2016, 1, 350. | 6.1 | 108 |
| 135 | Bioresorbable Vascular Scaffolds for Coronary Revascularization. Circulation, 2016, 134, 168-182. | 1.6 | 108 |
| 136 | Possible mechanical causes of scaffold thrombosis: insights from case reports with intracoronary imaging. EuroIntervention, 2017, 12, 1747-1756. | 3.2 | 108 |
| 137 | Efficacy of everolimus eluting stent implantation in patients with calcified coronary culprit lesions: Twoâ€year angiographic and threeâ€year clinical results from the SPIRIT II study. Catheterization and Cardiovascular Interventions, 2010, 76, 634-642. | 1.7 | 106 |
| 138 | Value of the SYNTAX score in patients treated by primary percutaneous coronary intervention for acute ST-elevation myocardial infarction: The MI SYNTAXscore study. American Heart Journal, 2011, 161, 771-781. | 2.7 | 106 |
| 139 | Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2639-2654. | 2.2 | 105 |
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