

Maik J Grundeken

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,170
citations

567281

15
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

1448
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Does the novel delivery system for the STENTYS self-apposing coronary stent increase the risk of stent edge dissections? Optical coherence tomography post stent findings. Expert Review of Medical Devices, 2018, 15, 157-165. | 2.8 | 3 |
| 2 | Differences in rotational positioning and subsequent distal main branch rewiring of the Tryton stent: An optical coherence tomography and computational study. Catheterization and Cardiovascular Interventions, 2018, 92, 897-906. | 1.7 | 5 |
| 3 | Visual estimation versus different quantitative coronary angiography methods to assess lesion severity in bifurcation lesions. Catheterization and Cardiovascular Interventions, 2018, 91, 1263-1270. | 1.7 | 10 |
| 4 | Contemporary techniques in percutaneous coronary intervention for bifurcation lesions. Expert Review of Cardiovascular Therapy, 2018, 16, 725-734. | 1.5 | 11 |
| 5 | Biomechanical Impact of Wrong Positioning of a Dedicated Stent for Coronary Bifurcations: A Virtual Bench Testing Study. Cardiovascular Engineering and Technology, 2018, 9, 415-426. | 1.6 | 13 |
| 6 | Ex-vivo study in nephroureterectomy specimens defining the role of 3-D upper urinary tract visualization using optical coherence tomography and endoluminal ultrasound. Journal of Medical Imaging, 2018, 5, 1. | 1.5 | 3 |
| 7 | Serial 5-Year Evaluation of Side Branches Jailed by Bioresorbable Vascular Scaffolds Using 3-Dimensional Optical Coherence Tomography. Circulation: Cardiovascular Interventions, 2017, 10, . | 3.9 | 7 |
| 8 | First generation versus second generation drug-eluting stents for the treatment of bifurcations: 5-year follow-up of the <sc>LEADERS</sc> all-comers randomized trial. Catheterization and Cardiovascular Interventions, 2016, 87, E248-60. | 1.7 | 44 |
| 9 | Coronary fractional flow reserve measurements of a stenosed side branch: a computational study investigating the influence of the bifurcation angle. BioMedical Engineering OnLine, 2016, 15, 91. | 2.7 | 22 |
| 10 | Outcomes of a dedicated stent in coronary bifurcations with large side branches: A subanalysis of the randomized <sc>TRYTON</sc> bifurcation study. Catheterization and Cardiovascular Interventions, 2016, 87, 1231-1241. | 1.7 | 20 |
| 11 | The incidence and relevance of site-reported vs. patient-reported angina: insights from the ABSORB II randomized trial comparing Absorb everolimus-eluting bioresorbable scaffold with XIENCE everolimus-eluting metallic stent. European Heart Journal Quality of Care & Clinical Outcomes, 2016, 2, 108-116. | 4.0 | 3 |
| 12 | Acute Gain in Minimal Lumen Area Following Implantation of Everolimus-Eluting ABSORB Biodegradable Vascular Scaffolds or Xience Metallic Stents. JACC: Cardiovascular Interventions, 2016, 9, 1216-1227. | 2.9 | 18 |
| 13 | Bioresorption and Vessel Wall Integration of a Fully Bioresorbable Polymeric Everolimus-Eluting Scaffold. JACC: Cardiovascular Interventions, 2016, 9, 838-851. | 2.9 | 31 |
| 14 | Older coronary thrombus is an independent predictor of 1-year mortality in acute myocardial infarction. European Journal of Clinical Investigation, 2016, 46, 501-510. | 3.4 | 11 |
| 15 | Relation Between Bioresorbable Scaffold Sizing Using QCA-Dmax and Clinical Outcomes at 1 Year in 1,232 Patients From 3 Study Cohorts (ABSORB Cohort B, ABSORB EXTEND, and ABSORB II). JACC: Cardiovascular Interventions, 2015, 8, 1715-1726. | 2.9 | 50 |
| 16 | In vitro validation and comparison of different software packages or algorithms for coronary bifurcation analysis using calibrated phantoms: Implications for clinical practice and research of bifurcation stenting. Catheterization and Cardiovascular Interventions, 2015, 85, 554-563. | 1.7 | 23 |
| 17 | Comparison between two- and three-dimensional quantitative coronary angiography bifurcation analyses for the assessment of bifurcation lesions: A subanalysis of the TRYTON pivotal IDE coronary bifurcation trial. Catheterization and Cardiovascular Interventions, 2015, 86, E140-9. | 1.7 | 9 |
| 18 | A Randomized Trial of a Dedicated Bifurcation Stent Versus Provisional Stenting in the Treatment of Coronary Bifurcation Lesions. Journal of the American College of Cardiology, 2015, 65, 533-543. | 2.8 | 101 |

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|----|--|------|-----------|
| 19 | Inter- and Intra-Center Variability in Analyzing Quantitative Coronary Angiography for Bifurcation Lesions. JACC: Cardiovascular Interventions, 2015, 8, 305-314. | 2.9 | 31 |
| 20 | Development and Receding of a Coronary Artery Aneurysm After Implantation of a Fully Bioresorbable Scaffold. Circulation, 2015, 131, 764-767. | 1.6 | 12 |
| 21 | Distal Embolization of Hydrophilic-Coating Material From Coronary Guidewires After Percutaneous Coronary Interventions. Circulation: Cardiovascular Interventions, 2015, 8, e001816. | 3.9 | 50 |
| 22 | 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. JACC: Cardiovascular Interventions, 2015, 8, 1053-1063. | 2.9 | 36 |
| 23 | 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 |
| 24 | First report on free expansion simulations of a dedicated bifurcation stent mounted on a stepped balloon. EuroIntervention, 2015, 10, e1-e3. | 3.2 | 6 |
| 25 | The need for dedicated bifurcation quantitative coronary angiography (QCA) software algorithms to evaluate bifurcation lesions. EuroIntervention, 2015, 11, V44-V49. | 3.2 | 21 |
| 26 | Dedicated stents for distal left main stenting. EuroIntervention, 2015, 11, V129-V134. | 3.2 | 9 |
| 27 | The Tryton Side Branch Stent. EuroIntervention, 2015, 11, V145-V146. | 3.2 | 7 |
| 28 | Treatment of coronary bifurcation lesions with the Absorb bioresorbable vascular scaffold in combination with the Tryton dedicated coronary bifurcation stent: evaluation using two- and three-dimensional optical coherence tomography. EuroIntervention, 2015, 11, 877-884. | 3.2 | 13 |
| 29 | Will this trial change my practice? The Dual Antiplatelet Therapy (DAPT) study - 12 or 30 months of dual antiplatelet therapy after drug-eluting stents. EuroIntervention, 2015, 11, 364-365. | 3.2 | 1 |
| 30 | Side branch healing patterns of the Tryton dedicated bifurcation stent: a 1-year optical coherence tomography follow-up study. International Journal of Cardiovascular Imaging, 2014, 30, 1445-1456. | 1.5 | 7 |
| 31 | Three-dimensional optical coherence tomography evaluation of a left main bifurcation lesion treated with ABSORB [®] bioresorbable vascular scaffold including fenestration and dilatation of the side branch. International Journal of Cardiology, 2013, 168, e107-e108. | 1.7 | 18 |
| 32 | The Tryton Side Branch Stent, for the treatment of coronary bifurcation lesions. Expert Review of Medical Devices, 2013, 10, 707-716. | 2.8 | 10 |
| 33 | Additional side branch stent placement in patients with long side branch lesions treated with the Tryton dedicated bifurcation side branch stent. International Journal of Cardiology, 2013, 168, 3059-3062. | 1.7 | 0 |
| 34 | Placement of tryton side branch stent only; A new treatment strategy for Medina 0,0,1 coronary bifurcation lesions. Catheterization and Cardiovascular Interventions, 2013, 82, E395-402. | 1.7 | 10 |
| 35 | Clinical outcomes after percutaneous or surgical revascularisation of unprotected left main coronary artery-related acute myocardial infarction: a single-centre experience. Heart, 2013, 99, 690-699. | 2.9 | 12 |
| 36 | Six-month and one-year clinical outcomes after placement of a dedicated coronary bifurcation stent: a patient-level pooled analysis of eight registry studies. EuroIntervention, 2013, 9, 195-203. | 3.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Treatment of in-stent restenosis involving a bifurcation lesion with a dedicated bifurcation device in combination with drug-eluting balloons. <i>Journal of Invasive Cardiology</i> , 2012, 24, E172-5. | 0.4 | 1 |