

# 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	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. <i>Lancet, The</i> , 2015, 385, 43-54.	13.7	514
2	A Randomized Trial of a Dedicated Bifurcation Stent Versus Provisional Stenting in the Treatment of Coronary Bifurcation Lesions. <i>Journal of the American College of Cardiology</i> , 2015, 65, 533-543.	2.8	101
3	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). <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1715-1726.	2.9	50
4	Distal Embolization of Hydrophilic-Coating Material From Coronary Guidewires After Percutaneous Coronary Interventions. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e001816.	3.9	50
5	First generation versus second generation drug-eluting stents for the treatment of bifurcations: 5-year follow-up of the LEADERS all-comers randomized trial. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, E248-60.	1.7	44
6	Incidence and Potential Mechanism(s) of Post-Procedural Rise of Cardiac Biomarker in Patients With Coronary Artery Narrowing After Implantation of an Everolimus-Eluting Bioresorbable Vascular Scaffold or Everolimus-Eluting Metallic Stent. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1053-1063.	2.9	36
7	Inter-Core Lab Variability in Analyzing Quantitative Coronary Angiography for Bifurcation Lesions. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 305-314.	2.9	31
8	Bioresorption and Vessel Wall Integration of a Fully Bioresorbable Polymeric Everolimus-Eluting Scaffold. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 838-851.	2.9	31
9	Six-month and one-year clinical outcomes after placement of a dedicated coronary bifurcation stent: a patient-level pooled analysis of eight registry studies. <i>EuroIntervention</i> , 2013, 9, 195-203.	3.2	27
10	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. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 554-563.	1.7	23
11	Coronary fractional flow reserve measurements of a stenosed side branch: a computational study investigating the influence of the bifurcation angle. <i>BioMedical Engineering OnLine</i> , 2016, 15, 91.	2.7	22
12	The need for dedicated bifurcation quantitative coronary angiography (QCA) software algorithms to evaluate bifurcation lesions. <i>EuroIntervention</i> , 2015, 11, V44-V49.	3.2	21
13	Outcomes of a dedicated stent in coronary bifurcations with large side branches: A subanalysis of the randomized TRYTON bifurcation study. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 1231-1241.	1.7	20
14	Three-dimensional optical coherence tomography evaluation of a left main bifurcation lesion treated with ABSORBA® bioresorbable vascular scaffold including fenestration and dilatation of the side branch. <i>International Journal of Cardiology</i> , 2013, 168, e107-e108.	1.7	18
15	Acute Gain in Minimal Lumen Area Following Implantation of Everolimus-Eluting ABSORB Biodegradable Vascular Scaffolds or Xience Metallic Stents. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1216-1227.	2.9	18
16	Biomechanical Impact of Wrong Positioning of a Dedicated Stent for Coronary Bifurcations: A Virtual Bench Testing Study. <i>Cardiovascular Engineering and Technology</i> , 2018, 9, 415-426.	1.6	13
17	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. <i>EuroIntervention</i> , 2015, 11, 877-884.	3.2	13
18	Clinical outcomes after percutaneous or surgical revascularisation of unprotected left main coronary artery-related acute myocardial infarction: a single-centre experience. <i>Heart</i> , 2013, 99, 690-699.	2.9	12

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19	Development and Receding of a Coronary Artery Aneurysm After Implantation of a Fully Bioresorbable Scaffold. <i>Circulation</i> , 2015, 131, 764-767.	1.6	12
20	Older coronary thrombus is an independent predictor of 1-year mortality in acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2016, 46, 501-510.	3.4	11
21	Contemporary techniques in percutaneous coronary intervention for bifurcation lesions. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 725-734.	1.5	11
22	The Tryton Side Branch Stent, for the treatment of coronary bifurcation lesions. <i>Expert Review of Medical Devices</i> , 2013, 10, 707-716.	2.8	10
23	Placement of tryton side branch stent only; A new treatment strategy for Medina 0,0,1 coronary bifurcation lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, E395-402.	1.7	10
24	Visual estimation versus different quantitative coronary angiography methods to assess lesion severity in bifurcation lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 1263-1270.	1.7	10
25	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. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, E140-9.	1.7	9
26	Dedicated stents for distal left main stenting. <i>EuroIntervention</i> , 2015, 11, V129-V134.	3.2	9
27	Side branch healing patterns of the Tryton dedicated bifurcation stent: a 1-year optical coherence tomography follow-up study. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1445-1456.	1.5	7
28	Serial 5-Year Evaluation of Side Branches Jailed by Bioresorbable Vascular Scaffolds Using 3-Dimensional Optical Coherence Tomography. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	7
29	The Tryton Side Branch Stent. <i>EuroIntervention</i> , 2015, 11, V145-V146.	3.2	7
30	First report on free expansion simulations of a dedicated bifurcation stent mounted on a stepped balloon. <i>EuroIntervention</i> , 2015, 10, e1-e3.	3.2	6
31	Differences in rotational positioning and subsequent distal main branch rewiring of the Tryton stent: An optical coherence tomography and computational study. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 897-906.	1.7	5
32	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. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2016, 2, 108-116.	4.0	3
33	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. <i>Expert Review of Medical Devices</i> , 2018, 15, 157-165.	2.8	3
34	Ex-vivo study in nephroureterectomy specimens defining the role of 3-D upper urinary tract visualization using optical coherence tomography and endoluminal ultrasound. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	3
35	Will this trial change my practice? The Dual Antiplatelet Therapy (DAPT) study " 12 or 30 months of dual antiplatelet therapy after drug-eluting stents. <i>EuroIntervention</i> , 2015, 11, 364-365.	3.2	1
36	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

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37	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