

Barend M E Mees

List of Publications by Year in descending order

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74
papers

1,861
citations

304368

22
h-index

264894

42
g-index

75
all docs

75
docs citations

75
times ranked

2840
citing authors

#	ARTICLE	IF	CITATIONS
1	Deficiency of myeloid PHD proteins aggravates atherogenesis via macrophage apoptosis and paracrine fibrotic signalling. <i>Cardiovascular Research</i> , 2022, 118, 1232-1246.	1.8	12
2	Nicotine promotes vascular calcification via intracellular Ca ²⁺ -mediated, Nox5-induced oxidative stress, and extracellular vesicle release in vascular smooth muscle cells. <i>Cardiovascular Research</i> , 2022, 118, 2196-2210.	1.8	24
3	An International, Multicenter Retrospective Observational Study to Assess Technical Success and Clinical Outcomes of Patients Treated with an Endovascular Aneurysm Sealing Device for Type III Endoleak. <i>Journal of Endovascular Therapy</i> , 2022, 29, 57-65.	0.8	3
4	Perioperative and long-term outcome after ascending aortic and arch repair with elephant trunk and open thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2022, 75, 824-832.	0.6	3
5	Nationwide Experience with EVAS Relining of Previous Open or Endovascular AAA Treatment in The Netherlands. <i>Annals of Vascular Surgery</i> , 2022, 84, 250-264.	0.4	1
6	A systematic review and meta-analysis of the cerebrovascular event incidence after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2022, 111, 843-858.	1.5	2
7	Safety of Percutaneous Femoral Access for Endovascular Aortic Aneurysm Repair Through Previously Surgically Exposed or Repaired Femoral Arteries. <i>Journal of Endovascular Therapy</i> , 2022, , 152660282210929.	0.8	3
8	Duplex Analysis of Cannulated Vessels in Peripheral Venous-Arterial Extracorporeal Membrane Oxygenation. <i>Medicina (Lithuania)</i> , 2022, 58, 671.	0.8	3
9	Use of thoracic stent grafts to control major iliac vein bleeding. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021, 9, 1058-1061.	0.9	5
10	Response to "The Effect of Geometrical Graft Modification on Arteriovenous Graft Patency in Haemodialysis Patients: A Systematic Review and Meta-Analysis". <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 346-347.	0.8	0
11	Mortality in Octogenarians With Chronic Limb Threatening Ischaemia After Revascularisation or Conservative Therapy Alone. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 350-351.	0.8	1
12	Psoas muscle area and attenuation are highly predictive of complications and mortality after complex endovascular aortic repair. <i>Journal of Vascular Surgery</i> , 2021, 73, 1178-1188.e1.	0.6	15
13	Response to: "ChEVAR from Below". <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 525-526.	0.8	0
14	Haemodynamic optimisation of a dialysis graft design using a global optimisation approach. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2021, 37, e3423.	1.0	4
15	Do-(Not-)Mechanical-Circulatory-Support Orders: Should We Ask All Cardiac Surgery Patients for Informed Consent for Post-Cardiotomy Extracorporeal Life Circulatory Support?. <i>Journal of Clinical Medicine</i> , 2021, 10, 383.	1.0	4
16	Off the Shelf Fenestrated Stent Grafts: "Mind The Gap?". <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 559.	0.8	0
17	A risk score for iliofemoral patients with deep vein thrombosis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021, , .	0.9	1
18	Integrative multiomics analysis of human atherosclerosis reveals a serum response factor-driven network associated with intraplaque hemorrhage. <i>Clinical and Translational Medicine</i> , 2021, 11, e458.	1.7	33

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19	Development of the BioHybrid Assay: Combining Primary Human Vascular Smooth Muscle Cells and Blood to Measure Vascular Calcification Propensity. <i>Cells</i> , 2021, 10, 2097.	1.8	6
20	Peri-operative Myocardial Injury After Complex Endovascular Aortic Aneurysm Repair: MINS Is Not Meaningless. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 62, 559-560.	0.8	0
21	Transcriptional Sex Dimorphism in Human Atherosclerosis Relates to Plaque Type. <i>Circulation Research</i> , 2021, 129, 1175-1177.	2.0	3
22	Cerebrovascular Complications After Upper Extremity Access for Complex Aortic Interventions: A Systematic Review and Meta-Analysis. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 186-195.	0.9	24
23	Computational study on the haemodynamic and mechanical performance of electrospun polyurethane dialysis grafts. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 713-722.	1.4	9
24	A systematic review on the use of muscle flaps for deep groin infection following vascular surgery. <i>Journal of Vascular Surgery</i> , 2020, 71, 693-700.e1.	0.6	17
25	Computational Modelling Based Recommendation on Optimal Dialysis Needle Positioning and Dialysis Flow in Patients With Arteriovenous Grafts. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 288-294.	0.8	5
26	Pre-operative Psoas Muscle Size Combined With Radiodensity Predicts Mid-Term Survival and Quality of Life After Fenestrated-Branched Endovascular Aortic Repair. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 31-39.	0.8	27
27	Chimney Endovascular Aneurysm Repair from Below. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 780.	0.8	2
28	Ongoing migration of chimney endovascular aneurysm sealing. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2020, 6, 443.	0.3	0
29	Editor's Choice "Mortality and Major Amputation after Revascularisation in Octogenarians Versus Non-Octogenarians with Chronic Limb Threatening Ischaemia: A Systematic Review and Meta-Analysis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 231-241.	0.8	13
30	The Effect of Geometric Graft Modification on Arteriovenous Graft Patency in Haemodialysis Patients: A Systematic Review and Meta-Analysis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 568-577.	0.8	5
31	Mechanical ventilation variability due to tracheal compression in a patient with a mycotic descending aortic aneurysm: an inverse correlation with blood pressure. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 864-866.	0.6	0
32	Gentamicin Containing Collagen Implants and Groin Wound Infections in Vascular Surgery: A Prospective Randomised Controlled Multicentre Trial. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 635-641.	0.8	12
33	Can Electric Nose Breath Analysis Identify Abdominal Wall Hernia Recurrence and Aortic Aneurysms? A Proof-of-Concept Study. <i>Surgical Innovation</i> , 2020, 27, 366-372.	0.4	2
34	Re "Gentamicin Containing Collagen Implants and Groin Wound Infections in Vascular Surgery: A Prospective Randomised Controlled Multicentre Trial" <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 318-319.	0.8	0
35	Reactive Oxygen-Forming Nox5 Links Vascular Smooth Muscle Cell Phenotypic Switching and Extracellular Vesicle-Mediated Vascular Calcification. <i>Circulation Research</i> , 2020, 127, 911-927.	2.0	104
36	Stabilization of a steerable sheath during retrograde access to antegrade-oriented branches in complex endovascular aortic aneurysm repair. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2020, 6, 288-291.	0.3	13

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37	Plasma Biomarkers to Predict Cardiovascular Outcome in Patients With Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2018-2032.	1.1	42
38	Comparing Mobile C-Arm with a Hybrid Operating Room for Imaging in Fenestrated Stent-Graft Endovascular Abdominal Aortic Aneurysm Repair. Annals of Vascular Surgery, 2020, 68, 261-269.	0.4	1
39	European Collaborations on Thoraco-Abdominal Aortic Aneurysm Repair: "We Want More!" European Journal of Vascular and Endovascular Surgery, 2020, 60, 853.	0.8	0
40	A Stopped Pilot Study of the ProGlide Closure Device After Transbrachial Endovascular Interventions. Journal of Endovascular Therapy, 2019, 26, 727-731.	0.8	10
41	Role of Vascular Smooth Muscle Cell Phenotypic Switching and Calcification in Aortic Aneurysm Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1351-1368.	1.1	203
42	Percutaneous Axillary Artery Access in Complex Endovascular Aortic Repair. Journal of Vascular and Interventional Radiology, 2019, 30, 830-835.	0.2	14
43	Searching for a Common Thrombo-Inflammatory Basis in Patients With Deep Vein Thrombosis or Peripheral Artery Disease. Frontiers in Cardiovascular Medicine, 2019, 6, 33.	1.1	13
44	Monitoring Spinal Cord Function in Open and Endovascular Treatment of Thoracoabdominal Aortic Pathologies. , 2019, , 1127-1142.		0
45	Editor's Choice " Outcomes After One Stage Versus Two Stage Open Repair of Type II Thoraco-abdominal Aortic Aneurysms. European Journal of Vascular and Endovascular Surgery, 2019, 57, 340-348.	0.8	23
46	Should endovascular approach be considered as the first option for thoraco-abdominal aortic aneurysms?. Journal of Cardiovascular Surgery, 2019, 60, 298-312.	0.3	7
47	Editor's Choice " Open Thoracic and Thoraco-abdominal Aortic Repair After Prior Endovascular Therapy. European Journal of Vascular and Endovascular Surgery, 2018, 56, 57-67.	0.8	18
48	Transradial Approach for Aortoiliac and Femoropopliteal Interventions: A Systematic Review and Meta-analysis. Journal of Endovascular Therapy, 2018, 25, 599-607.	0.8	31
49	Endovascular repair of a 63-year-old complication: post-traumatic anterior tibial artery arteriovenous fistula. ANZ Journal of Surgery, 2017, 87, E52-E53.	0.3	1
50	Real-Time Patient and Staff Radiation Dose Monitoring in IR Practice. CardioVascular and Interventional Radiology, 2017, 40, 421-429.	0.9	34
51	Editor's Choice " Open Thoracic and Thoraco-abdominal Aortic Repair in Patients with Connective Tissue Disease. European Journal of Vascular and Endovascular Surgery, 2017, 54, 588-596.	0.8	38
52	Management of Intra-Aortic Balloon Pump Rupture and Entrapment. Aorta, 2016, 04, 61-63.	0.1	3
53	Application of an Adaptive Polynomial Chaos Expansion on Computationally Expensive Three-Dimensional Cardiovascular Models for Uncertainty Quantification and Sensitivity Analysis. Journal of Biomechanical Engineering, 2016, 138, .	0.6	26
54	Graft Modification Strategies to Improve Patency of Prosthetic Arteriovenous Grafts for Hemodialysis. Journal of Vascular Access, 2016, 17, S85-S90.	0.5	10

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55	Revision Techniques for Failed PD Catheters: Outcome in a University Hospital. <i>Journal of Vascular Access</i> , 2015, 16, S93-S95.	0.5	5
56	Intracardiac migration and knotting of a ventriculoperitoneal shunt. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 771-773.	0.8	11
57	Symptomatic free-floating carotid thrombus extending to the skull base. <i>Neurology: Clinical Practice</i> , 2014, 4, 536-537.	0.8	1
58	Late neurological recovery of paraplegia after endovascular repair of an infected thoracic aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2013, 57, 521-524.	0.6	2
59	Endovascular repair of popliteal artery pseudoaneurysm with covered stent following total knee joint replacement. <i>ANZ Journal of Surgery</i> , 2013, 83, 491-492.	0.3	8
60	Non-aortic aneurysms - natural history and recommendations for referral and treatment. <i>Australian Family Physician</i> , 2013, 42, 370-4.	0.5	4
61	Endothelial Nitric Oxide Synthase Overexpression Restores the Efficiency of Bone Marrow Mononuclear Cell-Based Therapy. <i>American Journal of Pathology</i> , 2011, 178, 55-60.	1.9	26
62	Microparticles From Ischemic Muscle Promotes Postnatal Vasculogenesis. <i>Circulation</i> , 2009, 119, 2808-2817.	1.6	118
63	Shear Stress Regulates Angiotensin Type 1 Receptor Expression in Endothelial Cells. <i>Circulation Research</i> , 2009, 105, 869-875.	2.0	50
64	Combination of the Angiotensin-Converting Enzyme Inhibitor Perindopril and the Diuretic Indapamide Activate Postnatal Vasculogenesis in Spontaneously Hypertensive Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 766-773.	1.3	33
65	Hypertension Impairs Postnatal Vasculogenesis. <i>Hypertension</i> , 2008, 51, 1537-1544.	1.3	55
66	Endothelial Nitric Oxide Synthase Activity Is Essential for Vasodilation During Blood Flow Recovery but not for Arteriogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1926-1933.	1.1	57
67	High Pressure Promotes Monocyte Adhesion to the Vascular Wall. <i>Circulation Research</i> , 2007, 100, 1226-1233.	2.0	47
68	NADPH Oxidase-Derived Overproduction of Reactive Oxygen Species Impairs Postischemic Neovascularization in Mice with Type 1 Diabetes. <i>American Journal of Pathology</i> , 2006, 169, 719-728.	1.9	154
69	Tetrapeptide AcSDKP Induces Postischemic Neovascularization Through Monocyte Chemoattractant Protein-1 Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 773-779.	1.1	28
70	A novel model of cryoinjury-induced myocardial infarction in the mouse: a comparison with coronary artery ligation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1291-H1300.	1.5	120
71	A Different Outlook on the Role of Bone Marrow Stem Cells in Vascular Growth. <i>Circulation Research</i> , 2004, 94, 573-574.	2.0	164
72	Endothelial Nitric Oxide Synthase in Cardiovascular Homeostasis and Disease. <i>Basic Science for the Cardiologist</i> , 2004, , 291-310.	0.1	0

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73	Functional Expression of Endothelial Nitric Oxide Synthase Fused to Green Fluorescent Protein in Transgenic Mice. <i>American Journal of Pathology</i> , 2003, 163, 1677-1686.	1.9	55
74	Reduction of Blood Pressure, Plasma Cholesterol, and Atherosclerosis by Elevated Endothelial Nitric Oxide. <i>Journal of Biological Chemistry</i> , 2002, 277, 48803-48807.	1.6	93