Frans L Moll

List of Publications by Year in descending order

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FRANS MOU

#	Article	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
3	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331
4	Critical Limb Ischemia: Current Trends and Future Directions. Journal of the American Heart Association, 2016, 5, .	3.7	167
5	Effect of Repetitive Intra-Arterial Infusion of Bone Marrow Mononuclear Cells in Patients With No-Option Limb Ischemia. Circulation, 2015, 131, 851-860.	1.6	145
6	Predictors of aortic growth in uncomplicated type B aortic dissection. Journal of Vascular Surgery, 2014, 59, 1134-1143.	1.1	139
7	Symptomatic Carotid Atherosclerotic Disease. Stroke, 2015, 46, 182-189.	2.0	114
8	Endovascular treatment of abdominal aortic aneurysms. Nature Reviews Cardiology, 2014, 11, 112-123.	13.7	99
9	Percutaneous versus femoral cutdown access for endovascular aneurysm repair. Journal of Vascular Surgery, 2015, 62, 16-21.	1.1	99
10	Time-Dependent Changes in Atherosclerotic Plaque Composition in Patients Undergoing Carotid Surgery. Circulation, 2014, 129, 2269-2276.	1.6	96
11	Update in the management of type B aortic dissection. Vascular Medicine, 2016, 21, 251-263.	1.5	83
12	Edoxaban Plus Aspirin vs Dual Antiplatelet Therapy in Endovascular Treatment of Patients With Peripheral Artery Disease: Results of the ePAD Trial. Journal of Endovascular Therapy, 2018, 25, 158-168.	1.5	73
13	Systematic Review of Off-the-Shelf or Physician-Modified Fenestrated and Branched Endografts. Journal of Endovascular Therapy, 2016, 23, 98-109.	1.5	69
14	Inflammatory characteristics of distinct abdominal adipose tissue depots relate differently to metabolic risk factors for cardiovascular disease. Atherosclerosis, 2015, 239, 419-427.	0.8	66
15	A geometric reappraisal of proximal landing zones for thoracic endovascular aortic repair according to aortic arch types. Journal of Vascular Surgery, 2017, 65, 1584-1590.	1.1	62
16	Cardiac remodelling following thoracic endovascular aortic repair for descending aortic aneurysms. European Journal of Cardio-thoracic Surgery, 2019, 55, 1061-1070.	1.4	61
17	Systematic review of clinical applications of monitoring muscle tissue oxygenation with near-infrared spectroscopy in vascular disease. Microvascular Research, 2016, 104, 11-22.	2.5	60
18	Management and outcomes of isolated renal artery aneurysms in the endovascular era. Journal of Vascular Surgery, 2016, 63, 77-81.	1.1	54

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19	Status of branched endovascular aortic arch repair. Annals of Cardiothoracic Surgery, 2018, 7, 406-413.	1.7	51
20	Validation of Noninvasive In Vivo Compound Ultrasound Strain Imaging Using Histologic Plaque Vulnerability Features. Stroke, 2016, 47, 2770-2775.	2.0	49
21	The effect of endovascular treatment on isolated iliac artery aneurysm treatment and mortality. Journal of Vascular Surgery, 2015, 62, 331-335.	1.1	48
22	The Modified Arch Landing Areas Nomenclature (MALAN) Improves Prediction of Stent Graft Displacement Forces: Proof of Concept by Computational Fluid Dynamics Modelling. European Journal of Vascular and Endovascular Surgery, 2018, 55, 584-592.	1.5	45
23	Editor's Choice – Cerebral Hyperperfusion Syndrome After Carotid Artery Stenting: A Systematic Review and Meta-analysis. European Journal of Vascular and Endovascular Surgery, 2018, 56, 322-333.	1.5	45
24	Telehealth and telemedicine applications for the diabetic foot: A systematic review. Diabetes/Metabolism Research and Reviews, 2020, 36, e3247.	4.0	44
25	A computational analysis of different endograft designs for Zone 0 aortic arch repairâ€. European Journal of Cardio-thoracic Surgery, 2018, 54, 389-396.	1.4	43
26	Aneurysm Sac Enlargement after Endovascular Abdominal Aortic Aneurysm Repair. Annals of Vascular Surgery, 2016, 31, 229-238.	0.9	40
27	Contemporary Management Strategies for Chronic Type B Aortic Dissections: A Systematic Review. PLoS ONE, 2016, 11, e0154930.	2.5	37
28	Comparative Analysis of Porcine and Human Thoracic Aortic Stiffness. European Journal of Vascular and Endovascular Surgery, 2018, 55, 560-566.	1.5	35
29	Meta-analysis of Cumulative Radiation Duration and Dose During EVAR Using Mobile, Fixed, or Fixed/3D Fusion C-Arms. Journal of Endovascular Therapy, 2016, 23, 944-956.	1.5	34
30	The Chimney Graft, a Systematic Review. Annals of Vascular Surgery, 2012, 26, 1030-1038.	0.9	33
31	Carotid stenting versus endarterectomy in patients undergoing reintervention after prior carotid endarterectomy. Journal of Vascular Surgery, 2014, 59, 8-15.e2.	1.1	31
32	Below-the-Knee Retrograde Access for Peripheral Interventions: A Systematic Review. Journal of Endovascular Therapy, 2018, 25, 345-352.	1.5	31
33	Technical considerations and results of chimney grafts for the treatment of juxtarenal aneursyms. Journal of Vascular Surgery, 2013, 58, 607-615.	1.1	30
34	Results of endovascular repair of infrarenal aortic aneurysms using the Endurant stent graft. Journal of Vascular Surgery, 2014, 59, 1195-1202.	1.1	30
35	Predicting aortic enlargement in type B aortic dissection. Annals of Cardiothoracic Surgery, 2014, 3, 285-91.	1.7	30
36	Estimated prevalence of chronic Q fever among Coxiella burnetii seropositive patients with an abdominal aortic/iliac aneurysm or aorto-iliac reconstruction after a large Dutch Q fever outbreak. Journal of Infection, 2014, 69, 154-160.	3.3	28

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37	Stent-Graft Deployment Increases Aortic Stiffness in an ExÂVivo Porcine Model. Annals of Vascular Surgery, 2017, 43, 302-308.	0.9	28
38	Histological Analysis of Extracranial Carotid Artery Aneurysms. PLoS ONE, 2015, 10, e0117915.	2.5	27
39	A potential role for glycated cross-links in abdominal aortic aneurysm disease. Journal of Vascular Surgery, 2017, 65, 1493-1503.e3.	1.1	27
40	Changes in aortic pulse wave velocity of four thoracic aortic stent grafts in an ex vivo porcine model. PLoS ONE, 2017, 12, e0186080.	2.5	26
41	Five-Year Outcome of Self-Expanding Covered Stents for Superficial Femoral Artery Occlusive Disease and an Analysis of Factors Predicting Failure. Journal of Endovascular Therapy, 2015, 22, 855-861.	1.5	24
42	SlideToolkit: An Assistive Toolset for the Histological Quantification of Whole Slide Images. PLoS ONE, 2014, 9, e110289.	2.5	23
43	Bare Metal Stents for Treatment of Extracranial Internal Carotid Artery Aneurysms. Journal of Endovascular Therapy, 2015, 22, 130-134.	1.5	23
44	Radiation Awareness for Endovascular Abdominal Aortic Aneurysm Repair in the Hybrid Operating Room. An Instant Patient Risk Chart for Daily Practice. Journal of Endovascular Therapy, 2017, 24, 425-434.	1.5	23
45	Tortuosity of the descending thoracic aorta: Normal values by age. PLoS ONE, 2019, 14, e0215549.	2.5	23
46	An experimental investigation of the impact of thoracic endovascular aortic repair on longitudinal strain. European Journal of Cardio-thoracic Surgery, 2016, 50, 955-961.	1.4	22
47	Long-Term Outcomes of Catheter-Directed Thrombolysis for Acute Lower Extremity Occlusions of Native Arteries and Prosthetic Bypass Grafts. Annals of Vascular Surgery, 2016, 31, 134-142.	0.9	22
48	Plasma fibrinogen level as a potential predictor of hemorrhagic complications after catheter-directed thrombolysis for peripheral arterial occlusions. Journal of Vascular Surgery, 2017, 65, 1519-1527.e26.	1.1	22
49	Shifting abdominal aortic aneurysm mortality trends in The Netherlands. Journal of Vascular Surgery, 2015, 61, 642-647.e2.	1.1	21
50	Prognostic value of the Society for Vascular Surgery Wound, Ischemia, and foot Infection (WIfI) classification in patients with no-option chronic limb-threatening ischemia. Journal of Vascular Surgery, 2018, 68, 1104-1113.e1.	1.1	21
51	Type 1b Endoleaks After Thoracic Endovascular Aortic Repair are Inadequately Reported: A Systematic Review. Annals of Vascular Surgery, 2020, 62, 474-483.	0.9	21
52	A review of follow-up outcomes after elective endovascular repair of degenerative thoracic aortic aneurysms. Vascular, 2016, 24, 208-216.	0.9	20
53	Type 2 diabetes is not associated with an altered plaque phenotype among patients undergoing carotid revascularization. A histological analysis of 1455 carotid plaques. Atherosclerosis, 2014, 235, 418-423.	0.8	19
54	Patients with diabetes differ in atherosclerotic plaque characteristics and have worse clinical outcome after iliofemoral endarterectomy compared with patients without diabetes. Journal of Vascular Surgery, 2017, 65, 414-421.e5.	1.1	19

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55	Arterio-Ureteral Fistula: Systematic Review of 445 Patients. Journal of Urology, 2022, 207, 35-43.	0.4	18
56	Outcomes of Open Repair, Fenestrated Stent Grafting, and Chimney Grafting in Juxtarenal Abdominal Aortic Aneurysm: Is It Time for a Randomized Trial?. Annals of Vascular Surgery, 2019, 56, 114-123.	0.9	17
57	A Review of Antithrombotic Therapy and the Rationale and Design of the Randomized Edoxaban in Patients With Peripheral Artery Disease (ePAD) Trial Adding Edoxaban or Clopidogrel to Aspirin After Femoropopliteal Endovascular Intervention. Journal of Endovascular Therapy, 2015, 22, 261-268.	1.5	16
58	Biomechanical Changes After Thoracic Endovascular Aortic Repair in Type B Dissection. Journal of Endovascular Therapy, 2015, 22, 918-933.	1.5	16
59	Impact of Thoracic Endovascular Aortic Repair on Pulsatile Circumferential and Longitudinal Strain in Patients With Aneurysm. Journal of Endovascular Therapy, 2017, 24, 281-289.	1.5	16
60	Importance of dynamic aortic evaluation in planning TEVAR. Annals of Cardiothoracic Surgery, 2014, 3, 300-6.	1.7	16
61	The use of platelet reactivity testing in patients on antiplatelet therapy for prediction of bleeding events after cardiac surgery. Vascular Pharmacology, 2016, 77, 19-27.	2.1	15
62	Impact of Left Subclavian Artery Revascularization before Thoracic Endovascular Aortic Repair on Postoperative Cerebrovascular Hemodynamics. Annals of Vascular Surgery, 2018, 46, 307-313.	0.9	15
63	Midterm outcomes and evolution of gutter area after endovascular aneurysm repair with the chimney graft procedure. Journal of Vascular Surgery, 2018, 67, 104-112.e3.	1.1	15
64	Reticulated Platelets as Predictor of Myocardial Injury and 30 Day Mortality After Non-cardiac Surgery. European Journal of Vascular and Endovascular Surgery, 2020, 59, 309-318.	1.5	15
65	Impact of Aortic Tortuosity on Displacement Forces in Descending Thoracic Aortic Aneurysms. European Journal of Vascular and Endovascular Surgery, 2020, 59, 557-564.	1.5	15
66	Circulating Immunoglobulins Are Not Associated with Intraplaque Mast Cell Number and Other Vulnerable Plaque Characteristics in Patients with Carotid Artery Stenosis. PLoS ONE, 2014, 9, e88984.	2.5	15
67	Periprocedural Prophylactic Antithrombotic Strategies in Interventional Radiology: Current Practice in the Netherlands and Comparison with the United Kingdom. CardioVascular and Interventional Radiology, 2013, 36, 1477-1492.	2.0	14
68	Atherosclerotic risk factors and atherosclerotic postoperative events are associated with low inflammation in abdominal aortic aneurysms. Atherosclerosis, 2014, 235, 632-641.	0.8	14
69	Procedure and step-based analysis of the occupational radiation dose during endovascular aneurysm repair in the hybrid operating room. Journal of Vascular Surgery, 2018, 67, 1881-1890.	1.1	13
70	High Reproducibility of Histological Characterization by Whole Virtual Slide Quantification; An Example Using Carotid Plaque Specimens. PLoS ONE, 2014, 9, e115907.	2.5	11
71	Outcome of endovascular reintervention for significant stenosis at infrainguinal bypass anastomoses. Journal of Vascular Surgery, 2014, 60, 696-701.	1.1	11
72	The Use of Heparin during Endovascular Peripheral Arterial Interventions: A Synopsis. Scientifica, 2016, 2016, 1-7.	1.7	11

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73	Leukotriene B4 Levels in Human Atherosclerotic Plaques and Abdominal Aortic Aneurysms. PLoS ONE, 2014, 9, e86522.	2.5	11
74	Painless Type B Aortic Dissection: Insights From the International Registry of Acute Aortic Dissection. Aorta, 2013, 1, 96-101.	0.5	10
75	Treatment of an extracranial internal carotid artery aneurysm with a flow-diverting stent. Journal of Vascular Surgery Cases, 2015, 1, 191-193.	0.2	10
76	Baseline Platelet Activation and Reactivity in Patients with Critical Limb Ischemia. PLoS ONE, 2015, 10, e0131356.	2.5	10
77	Contemporary Role of Computational Analysis in Endovascular Treatment for Thoracic Aortic Disease. Aorta, 2013, 1, 171-181.	0.5	9
78	Popliteal artery aneurysms differ from abdominal aortic aneurysms in cellular topography and inflammatory markers. Journal of Vascular Surgery, 2014, 60, 1514-1519.	1.1	9
79	Current status and future perspectives of bioresorbable stents in peripheral arterial disease. Journal of Vascular Surgery, 2016, 64, 1151-1159.e1.	1.1	9
80	Time-dependent differences in femoral artery plaque characteristics of peripheral arterial disease patients. Atherosclerosis, 2016, 255, 66-72.	0.8	9
81	Clinical outcomes of hypogastric artery occlusion for endovascular aortic aneurysm repair. Minimally Invasive Therapy and Allied Technologies, 2017, 26, 362-371.	1.2	9
82	The effect of P2Y12 inhibition on platelet activation assessed with aggregation- and flow cytometry-based assays. Platelets, 2017, 28, 567-575.	2.3	9
83	Endovascular treatment of complex abdominal and thoracoabdominal type IV aortic aneurysms with fenestrated technology. Journal of Cardiovascular Surgery, 2017, 58, 574-590.	0.6	9
84	Carotid endarterectomy with primary closure versus patch angioplasty in patients with symptomatic and significant stenosis: protocol for a systematic review with meta-analyses and trial sequential analysis of randomised clinical trials. BMJ Open, 2019, 9, e026419.	1.9	9
85	Carotid endarterectomy with patch angioplasty versus primary closure in patients with symptomatic and significant stenosis: a systematic review with meta-analyses and trial sequential analysis of randomized clinical trials. Systematic Reviews, 2021, 10, 139.	5.3	9
86	A systematic review of the current status of interventions for type II endoleak after EVAR for abdominal aortic aneurysms. International Journal of Surgery, 2021, 95, 106138.	2.7	9
87	Blood Flow after Endovascular Repair in the Aortic Arch: A Computational Analysis. Aorta, 2018, 06, 081-087.	0.5	8
88	Rationale and design of the extracranial Carotid artery Aneurysm Registry (CAR). Journal of Cardiovascular Surgery, 2018, 59, 692-698.	0.6	8
89	Health-related quality of life is poor but does not vary with cardiovascular disease burden among patients operated for severe atherosclerotic disease. International Journal of Cardiology Heart & Vessels, 2014, 4, 53-58.	0.5	7
90	The impact of female sex on long-term survival of patients with severe atherosclerosis undergoing endarterectomy. Atherosclerosis, 2014, 237, 521-527.	0.8	7

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91	The significance of regional hemoglobin oxygen saturation values and limb-to-arm ratios of near-infrared spectroscopy to detect critical limb ischemia. Vascular, 2016, 24, 492-500.	0.9	7
92	Impact of Thoracic Endovascular Repair on Pulsatile Aortic Strain in Acute Type B Aortic Dissection. Aorta, 2017, 05, 42-52.	0.5	7
93	Atherosclerotic plaque characteristics are not associated with future cardiovascular events in patients undergoing iliofemoral endarterectomy. Journal of Vascular Surgery, 2018, 67, 809-816.e1.	1.1	7
94	Effect of Phenylephrine and Ephedrine on Cerebral (Tissue) Oxygen Saturation During Carotid Endarterectomy (PEPPER): A Randomized Controlled Trial. Neurocritical Care, 2019, 31, 514-525.	2.4	7
95	Early and late outcomes of endovascular aneurysm repair to treat abdominal aortic aneurysm compared between severe and non-severe infrarenal neck angulation. Vascular, 2020, 28, 683-691.	0.9	7
96	Partial thrombosis of the false lumen influences aortic growth in type B dissection. Annals of Cardiothoracic Surgery, 2014, 3, 275-7.	1.7	7
97	Increased Platelet Reactivity Is Associated with Circulating Platelet-Monocyte Complexes and Macrophages in Human Atherosclerotic Plaques. PLoS ONE, 2014, 9, e105019.	2.5	6
98	A lipid-poor plaque and asymptomatic status in women are associated with higher peak systolic velocity on duplex ultrasound after carotid endarterectomy. Atherosclerosis, 2014, 237, 677-683.	0.8	6
99	Posterior transverse plication of the internal carotid artery to correct for kinking. Journal of Vascular Surgery, 2014, 59, 968-977.	1.1	6
100	Important longitudinal and circumferential pulsatile changes in zone 0 of the aorta during the cardiac cycle. European Journal of Cardio-thoracic Surgery, 2021, 59, 467-472.	1.4	6
101	Mid-Term Outcomes of Chimney Endovascular Aortic Aneurysm Repair: A Systematic Review and Meta-analysis. Annals of Vascular Surgery, 2022, 79, 359-371.	0.9	6
102	Impact of thoracic endovascular aortic repair on radial strain in anex vivoporcine model. European Journal of Cardio-thoracic Surgery, 2017, 51, ezw393.	1.4	5
103	Identifying and addressing the limitations of EVAR technology. Expert Review of Medical Devices, 2018, 15, 541-554.	2.8	5
104	Critical appraisal of multidimensional CT measurements following acute open repair of type A aortic dissection. Journal of Cardiac Surgery, 2020, 35, 634-644.	0.7	5
105	Mapping pre-dissection aortic wall abnormalities: a multiparametric assessment. European Journal of Cardio-thoracic Surgery, 2020, 57, 1061-1067.	1.4	5
106	Imaging surveillance after open aortic repair: a feasibility study of three-dimensional growth mapping. European Journal of Cardio-thoracic Surgery, 2021, 60, 651-659.	1.4	5
107	Morphologic Characteristics for Treatment Guidance in Uncomplicated Acute Type B Aortic Dissection. Circulation, 2014, 130, 1723-1725.	1.6	4
108	Risk Chart for Future Mortality and Ischaemic Events Following Peripheral Bypass Surgery. European Journal of Vascular and Endovascular Surgery, 2015, 50, 87-93.	1.5	4

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109	Validation of the Automated Electronic Microemboli Detection System in Patients Undergoing Carotid Endarterectomy. Ultraschall in Der Medizin, 2018, 39, 198-205.	1.5	4
110	Eversion technique versus conventional endarterectomy with patch angioplasty in carotid surgery: protocol for a systematic review with meta-analyses and trial sequential analysis of randomised clinical trials. BMJ Open, 2020, 10, e030503.	1.9	4
111	Two Cases with Acute Abdominal Aneurysm and Evidence of Acute Q Fever Infection. Annals of Vascular Surgery, 2014, 28, 494.e1-494.e3.	0.9	3
112	Adherence of Staphylococcus aureus to Dyneema Purity® Patches and to Clinically Used Cardiovascular Prostheses. PLoS ONE, 2016, 11, e0162216.	2.5	3
113	Radiation Awareness for Endovascular Abdominal Aortic Aneurysm Repair in the Hybrid Operating Room: An Instant Operator Risk Chart for Daily Practice. Journal of Endovascular Therapy, 2021, 28, 530-541.	1.5	3
114	Arterio-ureteral fistula: a nationwide cross-sectional questionnaire analysis. World Journal of Urology, 2022, , .	2.2	3
115	Preoperative Infra- and Suprarenal Aortic Pulsatile Distension is Comparable between Relatively Young and Older Patients with an Abdominal Aortic Aneurysm. Annals of Vascular Surgery, 2014, 28, 845-849.	0.9	2
116	Preserved distal flow in a proximally occluded internal carotid artery due to a persistent proatlantal artery. Journal of Vascular Surgery, 2014, 59, 527.	1.1	2
117	Through-Plane Movement at Multiple Aortic Levels on Dynamic Computed Tomography Angiography Is Limited in Patients With an Abdominal Aortic Aneurysm. Journal of Endovascular Therapy, 2015, 22, 765-769.	1.5	2
118	A Novel Cardiovascular Prosthesis Made from Woven Ultrahigh-Molecular-Weight Polyethylene Fibers, Proof of Concept in a Sheep Model. Annals of Vascular Surgery, 2018, 52, 244-254.e1.	0.9	2
119	Stroke Following Thoracic Endovascular Aortic Repair: Determinants, Short and Long Term Impact. Seminars in Thoracic and Cardiovascular Surgery, 2023, 35, 19-30.	0.6	2
120	Core diameter of bone marrow aspiration devices influences cell density of bone marrow aspirate in patients with severe peripheral artery disease. Cytotherapy, 2015, 17, 1807-1812.	0.7	1
121	Lower Platelet Reactivity Is Associated with Presentation of Unstable Coronary Artery Disease. International Journal of Angiology, 2016, 25, 210-218.	0.6	1
122	Occluded Superficial Femoral Artery Used for Emergency Reconstruction: A Consecutive Case Series about the "Proper Conduit Technique― Annals of Vascular Surgery, 2017, 44, 424.e1-424.e5.	0.9	1
123	In Vitro Hemocompatibility Testing of Dyneema Purity Fibers in Blood Contact. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 195-201.	0.9	0
124	A proof-of-concept study of the VeinScrew: A new percutaneous venous closure device. Vascular, 2017, 25, 105-109.	0.9	0
125	False lumen enhancement characteristics on computed tomography angiography predict risk of aneurysm formation in acute type B aortic dissection. Interactive Cardiovascular and Thoracic Surgery, 2021, 33, 434-441.	1.1	0