

# Pim A L Tonino

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

7,889  
citations

304743

22  
h-index

206112

48  
g-index

55  
all docs

55  
docs citations

55  
times ranked

5471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional Flow Reserve versus Angiography for Guiding Percutaneous Coronary Intervention. <i>New England Journal of Medicine</i> , 2009, 360, 213-224.	27.0	3,510
2	Angiographic Versus Functional Severity of Coronary Artery Stenoses in the FAME Study. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2816-2821.	2.8	1,077
3	Five-Year Outcomes with PCI Guided by Fractional Flow Reserve. <i>New England Journal of Medicine</i> , 2018, 379, 250-259.	27.0	622
4	Prognostic Value of Fractional Flow Reserve. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1641-1654.	2.8	513
5	Fractional flow reserve versus angiography for guidance of PCI in patients with multivessel coronary artery disease (FAME): 5-year follow-up of a randomised controlled trial. <i>Lancet</i> , The, 2015, 386, 1853-1860.	13.7	455
6	Clinical Outcomes and Cost-Effectiveness of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease. <i>Circulation</i> , 2018, 137, 480-487.	1.6	193
7	Fractional Flow Reserve-Guided PCI as Compared with Coronary Bypass Surgery. <i>New England Journal of Medicine</i> , 2022, 386, 128-137.	27.0	169
8	Fractional flow reserve-guided percutaneous coronary intervention vs. medical therapy for patients with stable coronary lesions: meta-analysis of individual patient data. <i>European Heart Journal</i> , 2019, 40, 180-186.	2.2	159
9	Direct Volumetric Blood Flow Measurement in Coronary Arteries by Thermodilution. <i>Journal of the American College of Cardiology</i> , 2007, 50, 2294-2304.	2.8	132
10	A Prospective Natural History Study of Coronary Atherosclerosis Using Fractional Flow Reserve. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2247-2255.	2.8	118
11	Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	108
12	The Prognostic Value of Residual Coronary Stenoses After Functionally Complete Revascularization. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1701-1711.	2.8	80
13	Safety and efficacy of a sirolimus-eluting coronary stent with ultra-thin strut for treatment of atherosclerotic lesions (TALENT): a prospective multicentre randomised controlled trial. <i>Lancet</i> , The, 2019, 393, 987-997.	13.7	72
14	Microvascular Resistance Reserve for Assessment of Coronary Microvascular Function. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1541-1549.	2.8	66
15	Design and rationale of the Management of High Bleeding Risk Patients Post Bioresorbable Polymer Coated Stent Implantation With an Abbreviated Versus Standard DAPT Regimen (MASTER DAPT) Study. <i>American Heart Journal</i> , 2019, 209, 97-105.	2.7	53
16	Association of Improvement in Fractional Flow Reserve With Outcomes, Including Symptomatic Relief, After Percutaneous Coronary Intervention. <i>JAMA Cardiology</i> , 2019, 4, 370.	6.1	51
17	The impact of age on fractional flow reserve-guided percutaneous coronary intervention: A FAME (Fractional Flow Reserve versus Angiography for Multivessel Evaluation) trial substudy. <i>International Journal of Cardiology</i> , 2014, 177, 66-70.	1.7	44
18	Abbreviated Antiplatelet Therapy in Patients at High Bleeding Risk With or Without Oral Anticoagulant Therapy After Coronary Stenting: An Open-Label, Randomized, Controlled Trial. <i>Circulation</i> , 2021, 144, 1196-1211.	1.6	41

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19	Prognostic Value of the Residual SYNTAX Score After Functionally Complete Revascularization in ACS. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1321-1329.	2.8	40
20	Pressure gradient vs. flow relationships to characterize the physiology of a severely stenotic aortic valve before and after transcatheter valve implantation. <i>European Heart Journal</i> , 2018, 39, 2646-2655.	2.2	38
21	A Novel Angiographic Quantification of Aortic Regurgitation After TAVR Provides an Accurate Estimation of Regurgitation Fraction Derived From Cardiac Magnetic Resonance Imaging. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 287-297.	2.9	37
22	Fractional Flow Reserve and Quality-of-Life Improvement After Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease. <i>Circulation</i> , 2018, 138, 1797-1804.	1.6	32
23	Titanium-Nitride-Oxide-Coated Versus Everolimus-Eluting Stents in Acute Coronary Syndrome. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1697-1705.	2.9	27
24	Dedicated plug based closure for large bore access – The MARVEL prospective registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1270-1278.	1.7	24
25	Renal denervation in hypertensive patients not on blood pressure lowering drugs. <i>Clinical Research in Cardiology</i> , 2016, 105, 755-762.	3.3	21
26	Why Is Fractional Flow Reserve After Percutaneous Coronary Intervention Not Always 1.0? –. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1032-1035.	2.9	20
27	Safety of absolute coronary flow and microvascular resistance measurements by thermodilution. <i>EuroIntervention</i> , 2021, 17, 229-232.	3.2	19
28	The impact of left ventricular ejection fraction on fractional flow reserve: Insights from the FAME (Fractional flow reserve versus Angiography for Multivessel Evaluation) trial. <i>International Journal of Cardiology</i> , 2016, 204, 206-210.	1.7	15
29	Safety of Selective Intracoronary Hypothermia During Primary Percutaneous Coronary Intervention in Patients With Anterior STEMI. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2047-2055.	2.9	15
30	Safety and feasibility of local myocardial hypothermia. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 877-883.	1.7	13
31	Surgical Sutureless and Sutured Aortic Valve Replacement in Low-risk Patients. <i>Annals of Thoracic Surgery</i> , 2022, 113, 616-622.	1.3	13
32	Intra-aortic balloon pump counterpulsation in extensive myocardial infarction with persistent ischemia: The SEMPER FI pilot study. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 128-135.	1.7	11
33	Coronary Microcirculation in Aortic Stenosis: Pathophysiology, Invasive Assessment, and Future Directions. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-13.	1.2	11
34	Wearable devices can predict the outcome of standardized 6-minute walk tests in heart disease. <i>Npj Digital Medicine</i> , 2020, 3, 92.	10.9	10
35	Prospective Multicenter Randomized All-Comers Trial to Assess the Safety and Effectiveness of the Ultra-Thin Strut Sirolimus-Eluting Coronary Stent Supraflex. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010312.	3.9	10
36	Response by Piroth et al to Letter Regarding Article, “Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation”. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	9

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37	Thermodilution-Based Invasive Assessment of Absolute Coronary Blood Flow and Microvascular Resistance: Quantification of Microvascular (Dys)Function?. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-7.	1.2	9
38	Sirolimus-eluting stents with ultrathin struts versus everolimus-eluting stents for patients undergoing percutaneous coronary intervention: final three-year results of the TALENT trial. <i>EuroIntervention</i> , 2022, 18, 492-502.	3.2	8
39	Stress Aortic Valve Index (SAVI) with Dobutamine for Low-Gradient Aortic Stenosis: A Pilot Study. <i>Structural Heart</i> , 2020, 4, 53-61.	0.6	7
40	Decision Trees for Predicting Mortality in Transcatheter Aortic Valve Implantation. <i>Bioengineering</i> , 2021, 8, 22.	3.5	7
41	Survival and quality of life after transcatheter aortic valve implantation relative to the general population. <i>IJC Heart and Vasculature</i> , 2020, 28, 100536.	1.1	6
42	3D-printed stenotic aortic valve model to simulate physiology before, during, and after transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , 2020, 313, 32-34.	1.7	5
43	Machine Learning for Predicting Mortality in Transcatheter Aortic Valve Implantation: An Inter-Center Cross Validation Study. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 65.	1.6	4
44	Prehospital risk assessment in patients suspected of non-ST-segment elevation acute coronary syndrome: a systematic review and meta-analysis. <i>BMJ Open</i> , 2022, 12, e057305.	1.9	4
45	Optimal Treatment Strategy for Coronary Artery Stenoses with Grey Zone Fractional Flow Reserve Values. A Systematic Review and Meta-Analysis. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 392-397.	0.8	3
46	The Allegra transcatheter heart valve: Short term results from a multicenter registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1204-1209.	1.7	3
47	Assessment of exercise-induced changes in von Willebrand factor as a marker of severity of aortic stenosis. <i>Open Heart</i> , 2020, 7, e001138.	2.3	2
48	Inter-Center Cross-Validation and Finetuning without Patient Data Sharing for Predicting Transcatheter Aortic Valve Implantation Outcome. , 2020, , .		1
49	Model-based aortic power transfer: A potential measure for quantifying aortic stenosis severity based on measured data. <i>Medical Engineering and Physics</i> , 2021, 90, 66-81.	1.7	1
50	Local and Distributed Machine Learning for Inter-hospital Data Utilization: An Application for TAVI Outcome Prediction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 787246.	2.4	1
51	Response to Letter Regarding Article, "Cost-Effectiveness of Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease and Abnormal Fractional Flow Reserve". <i>Circulation</i> , 2014, 129, e684.	1.6	0
52	Cardiac Outcomes After Treatment for Depression in Patients With Acute Coronary Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2151.	7.4	0
53	Perforation of a Saphenous Vein Graft Anastomosed at a Y-Configuration to the Left Internal Mammary Artery. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 716-719.	0.8	0
54	A gigantic atrial septal aneurysm. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-1.	0.6	0

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55	Aortic Valve Insufficiency as a LateÂComplication After Impella Device Implantation. JACC: Cardiovascular Interventions, 2022, , .	2.9	0