Bernard De Bruyne

List of Publications by Year
in descending order

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34 papers	8,604 citations	304743 22 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	5139 citing authors

#	Article	IF	Citations
1	Fractional Flow Reserve versus Angiography for Guiding Percutaneous Coronary Intervention. New England Journal of Medicine, 2009, 360, 213-224.	27.0	3,510
2	Fractional Flow Reserveâ€“Guided PCI for Stable Coronary Artery Disease. New England Journal of Medicine, 2014, 371, 1208-1217.	27.0	905
3	Fractional Flow Reserve to Determine the Appropriateness of Angioplasty in Moderate Coronary Stenosis. Circulation, 2001, 103, 2928-2934.	1.6	804
4	Five-Year Outcomes with PCI Guided by Fractional Flow Reserve. New England Journal of Medicine, 2018, 379, 250-259.	27.0	622
5	Abnormal Epicardial Coronary Resistance in Patients With Diffuse Atherosclerosis but â€œNormalâ€• Coronary Angiography. Circulation, 2001, 104, 2401-2406.	1.6	427
6	Simultaneous Coronary Pressure and Flow Velocity Measurements in Humans. Circulation, 1996, 94, 1842-1849.	1.6	376
7	Fractional Flow Reserve in Patients With Prior Myocardial Infarction. Circulation, 2001, 104, 157-162.	1.6	342
8	Economic Evaluation of Fractional Flow Reserveâ€“Guided Percutaneous Coronary Intervention in Patients With Multivessel Disease. Circulation, 2010, 122, 2545-2550.	1.6	332
9	Pressure-Derived Fractional Flow Reserve to Assess Serial Epicardial Stenoses. Circulation, 2000, 101, 1840-1847.	1.6	241
10	Fractional Flow Reserveâ€“Guided PCI as Compared with Coronary Bypass Surgery. New England Journal of Medicine, 2022, 386, 128-137.	27.0	169
11	Usefulness of Fractional Flow Reserve to Predict Clinical Outcome After Balloon Angioplasty. Circulation, 1999, 99, 883-888.	1.6	149
12	Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	108
13	Catheter-Based Measurements of Absolute Coronary Blood Flow and Microvascular Resistance. Circulation: Cardiovascular Interventions, 2018, 11, e006194.	3.9	90
14	Cost-Effectiveness of Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease and Abnormal Fractional Flow Reserve. Circulation, 2013, 128, 1335-1340.	1.6	86
15	Microvascular Resistance Reserve forÂAssessment of Coronary MicrovascularÂFunction. Journal of the American College of Cardiology, 2021, 78, 1541-1549.	2.8	66
16	Rationale and design of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 Trial: A comparison of fractional flow reserveâ€“guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease. American Heart Journal, 2015, 170, 619-626.e2.	2.7	58
17	Prevalence of Coronary Microvascular Disease and Coronary Vasospasm in Patients With Nonobstructive Coronary Artery Disease: Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2022, 11, e023207.	3.7	54
18	Saline-Induced Coronary Hyperemia. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	52

#	Article	IF	Citations
19	Rationale and application of coronary transstenotic pressure gradient measurements. Catheterization and Cardiovascular Diagnosis, 1994, 33, 250-261.	0.3	35
20	Fractional Flow Reserve and Quality-of-Life Improvement After Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease. Circulation, 2018, 138, 1797-1804.	1.6	32
21	FFRCT and CT perfusion: A review on the evaluation of functional impact of coronary artery stenosis by cardiac CT. International Journal of Cardiology, 2020, 300, 289-296.	1.7	29
22	Titanium-Nitride-Oxideâ€“Coated VersusÂEverolimus-Eluting Stents in Acute Coronary Syndrome. JACC: Cardiovascular Interventions, 2020, 13, 1697-1705.	2.9	27
23	Duration of Hyperemia With Intracoronary Administration of Papaverine. Journal of the American Heart Association, 2021, 10, e018562.	3.7	19
24	Rationale and design of the Flow Evaluation to Guide Revascularization in Multivessel ST-Elevation Myocardial Infarction (FLOWER-MI) trial. American Heart Journal, 2020, 222, 1-7.	2.7	13
25	A protocol update of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 trial: A comparison of fractional flow reserveâ€“guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease. American Heart Journal, 2019, 214, 156-157.	2.7	10
26	Global Fractional Flow Reserve Value Predicts 5â€¥Year Outcomes in Patients With Coronary Atherosclerosis But Without Ischemia. Journal of the American Heart Association, 2020, 9, e017729.	3.7	9
27	Influence of Contrast Media Dose and Osmolality on the Diagnostic Performance of Contrast Fractional Flow Reserve. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	8
28	Graft patency and progression of coronary artery disease after CABG assessed by angiography-derived fractional flow reserve. International Journal of Cardiology, 2020, 316, 19-25.	1.7	7
29	Fractional Flow Reserve: The Ideal Parameter for Evaluation of Coronary, Myocardial, and Collateral Blood Flow by Pressure Measurements at PTCA. Journal of Interventional Cardiology, 1993, 6, 331-344.	1.2	6
30	Quality of Life After Fractional Flow Reserveâ€“Guided PCI Compared With Coronary Bypass Surgery. Circulation, 2022, 145, 1655-1662.	1.6	6
31	Coronary Artery Bypass Grafting or Fractional Flow Reserveâ€“Guided Percutaneous Coronary Intervention in Diabetic Patients With Multivessel Disease. Circulation: Cardiovascular Interventions, 2020, 13, e009157.	3.9	5
32	Mismatch between morphological and functional assessment of the length of coronary artery disease. International Journal of Cardiology, 2021, 334, 1-9.	1.7	4
33	DISENGAGE Registry. Circulation: Cardiovascular Interventions, 2020, 13, e008640.	3.9	2
34	Changes in surgical revascularization strategy after fractional flow reserve. Catheterization and Cardiovascular Interventions, 2021, 98, E351-E355.	1.7	1