

William F Fearon

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11718793/william-f-fearon-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193 papers	19,030 citations	57 h-index	137 g-index
225 ext. papers	24,051 ext. citations	8.2 avg, IF	6.18 L-index

#	Paper	IF	Citations
193	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , 2016 , 374, 1609-20	59.2	2746
192	Fractional flow reserve versus angiography for guiding percutaneous coronary intervention. <i>New England Journal of Medicine</i> , 2009 , 360, 213-24	59.2	2615
191	Fractional flow reserve-guided PCI versus medical therapy in stable coronary disease. <i>New England Journal of Medicine</i> , 2012 , 367, 991-1001	59.2	1655
190	Angiographic versus functional severity of coronary artery stenoses in the FAME study fractional flow reserve versus angiography in multivessel evaluation. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2816-21	15.1	837
189	Fractional flow reserve versus angiography for guiding percutaneous coronary intervention in patients with multivessel coronary artery disease: 2-year follow-up of the FAME (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation) study. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 177-84	15.1	796
188	Fractional flow reserve-guided PCI for stable coronary artery disease. <i>New England Journal of Medicine</i> , 2014 , 371, 1208-17	59.2	672
187	Novel index for invasively assessing the coronary microcirculation. <i>Circulation</i> , 2003 , 107, 3129-32	16.7	389
186	Physiological assessment of coronary artery disease in the cardiac catheterization laboratory: a scientific statement from the American Heart Association Committee on Diagnostic and Interventional Cardiac Catheterization, Council on Clinical Cardiology. <i>Circulation</i> , 2006 , 114, 1321-41	16.7	388
185	Vascular complications after transcatheter aortic valve replacement: insights from the PARTNER (Placement of AoRTic TraNscathetER Valve) trial. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1043-52	15.1	363
184	Prognostic value of fractional flow reserve: linking physiologic severity to clinical outcomes. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1641-54	15.1	361
183	Five-Year Outcomes with PCI Guided by Fractional Flow Reserve. <i>New England Journal of Medicine</i> , 2018 , 379, 250-259	59.2	346
182	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, The</i> , 2015 , 386, 1853-60	40	295
181	Economic evaluation of fractional flow reserve-guided percutaneous coronary intervention in patients with multivessel disease. <i>Circulation</i> , 2010 , 122, 2545-50	16.7	278
180	Invasive assessment of the coronary microcirculation: superior reproducibility and less hemodynamic dependence of index of microcirculatory resistance compared with coronary flow reserve. <i>Circulation</i> , 2006 , 113, 2054-61	16.7	258
179	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , 2020 , 382, 799-809	59.2	239
178	Coronary pressure measurement after stenting predicts adverse events at follow-up: a multicenter registry. <i>Circulation</i> , 2002 , 105, 2950-4	16.7	232
177	Health-related quality of life after transcatheter aortic valve replacement in inoperable patients with severe aortic stenosis. <i>Circulation</i> , 2011 , 124, 1964-72	16.7	231

176	Multicenter core laboratory comparison of the instantaneous wave-free ratio and resting Pd/Pa with fractional flow reserve: the RESOLVE study. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1253-1261	15.1	229
175	Predictive value of the index of microcirculatory resistance in patients with ST-segment elevation myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 560-5	15.1	217
174	Prognostic value of the Index of Microcirculatory Resistance measured after primary percutaneous coronary intervention. <i>Circulation</i> , 2013 , 127, 2436-41	16.7	215
173	Invasive evaluation of patients with angina in the absence of obstructive coronary artery disease. <i>Circulation</i> , 2015 , 131, 1054-60	16.7	206
172	Propensity-matched comparisons of clinical outcomes after transapical or transfemoral transcatheter aortic valve replacement: a placement of aortic transcatheter valves (PARTNER)-I trial substudy. <i>Circulation</i> , 2015 , 131, 1989-2000	16.7	191
171	Functional SYNTAX score for risk assessment in multivessel coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1211-8	15.1	188
170	Epicardial stenosis severity does not affect minimal microcirculatory resistance. <i>Circulation</i> , 2004 , 110, 2137-42	16.7	181
169	Fractional flow reserve and myocardial perfusion imaging in patients with angiographic multivessel coronary artery disease. <i>JACC: Cardiovascular Interventions</i> , 2010 , 3, 307-14	5	177
168	Standardized End Point Definitions for Coronary Intervention Trials: The Academic Research Consortium-2 Consensus Document. <i>Circulation</i> , 2018 , 137, 2635-2650	16.7	172
167	VERIFY (VERification of Instantaneous Wave-Free Ratio and Fractional Flow Reserve for the Assessment of Coronary Artery Stenosis Severity in EverydaY Practice): a multicenter study in consecutive patients. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1421-7	15.1	160
166	Clinical Outcomes and Cost-Effectiveness of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease: Three-Year Follow-Up of the FAME 2 Trial (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation). <i>Circulation</i> , 2018 , 137, 480-487	16.7	129
165	Fractional flow reserve in unstable angina and non-ST-segment elevation myocardial infarction experience from the FAME (Fractional flow reserve versus Angiography for Multivessel Evaluation) study. <i>JACC: Cardiovascular Interventions</i> , 2011 , 4, 1183-9	5	126
164	Expert consensus statement on the use of fractional flow reserve, intravascular ultrasound, and optical coherence tomography: a consensus statement of the Society of Cardiovascular Angiography and Interventions. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, 509-18	2.7	114
163	Microvascular resistance is not influenced by epicardial coronary artery stenosis severity: experimental validation. <i>Circulation</i> , 2004 , 109, 2269-72	16.7	112
162	Standardization of Fractional Flow Reserve Measurements. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 742-53	15.1	106
161	Continuum of Vasodilator Stress From Rest to Contrast Medium to Adenosine Hyperemia for Fractional Flow Reserve Assessment. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 757-767	5	96
160	Standardized End Point Definitions for Coronary Intervention Trials: The Academic Research Consortium-2 Consensus Document. <i>European Heart Journal</i> , 2018 , 39, 2192-2207	9.5	91
159	Calculation of the index of microcirculatory resistance without coronary wedge pressure measurement in the presence of epicardial stenosis. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 53-8	5	91

158	Comparison of coronary thermodilution and Doppler velocity for assessing coronary flow reserve. <i>Circulation</i> , 2003 , 108, 2198-200	16.7	90
157	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	9.5	90
156	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, 533-43	15.1	89
155	Accuracy of Fractional Flow Reserve Derived From Coronary Angiography. <i>Circulation</i> , 2019 , 139, 477-484	16.7	86
154	Simultaneous assessment of fractional and coronary flow reserves in cardiac transplant recipients: Physiologic Investigation for Transplant Arteriopathy (PITA Study). <i>Circulation</i> , 2003 , 108, 1605-10	16.7	84
153	Does the instantaneous wave-free ratio approximate the fractional flow reserve?. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1428-35	15.1	75
152	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	15.1	73
151	Rationale and design of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) study. <i>American Heart Journal</i> , 2007 , 154, 632-6	4.9	73
150	Effect of Sex Differences on Invasive Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1433-1441	5	70
149	Discordant changes in epicardial and microvascular coronary physiology after cardiac transplantation: Physiologic Investigation for Transplant Arteriopathy II (PITA II) study. <i>Journal of Heart and Lung Transplantation</i> , 2006 , 25, 765-71	5.8	69
148	Functional assessment of coronary stenoses: can we live without it?. <i>European Heart Journal</i> , 2013 , 34, 1335-44	9.5	66
147	Cost-effectiveness of percutaneous coronary intervention in patients with stable coronary artery disease and abnormal fractional flow reserve. <i>Circulation</i> , 2013 , 128, 1335-40	16.7	65
146	Repeatability of Fractional Flow Reserve Despite Variations in Systemic and Coronary Hemodynamics. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1018-1027	5	64
145	Fractional flow reserve assessment of left main stenosis in the presence of downstream coronary stenoses. <i>Circulation: Cardiovascular Interventions</i> , 2013 , 6, 161-5	6	63
144	Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	62
143	Outcomes of percutaneous coronary intervention in intermediate coronary artery disease: fractional flow reserve-guided versus intravascular ultrasound-guided. <i>JACC: Cardiovascular Interventions</i> , 2010 , 3, 812-7	5	62
142	High Coronary Shear Stress in Patients With Coronary Artery Disease Predicts Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1926-1935	15.1	62
141	The impact of downstream coronary stenosis on fractional flow reserve assessment of intermediate left main coronary artery disease: human validation. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 398-403	5	61

140	Relation of fractional flow reserve after drug-eluting stent implantation to one-year outcomes. <i>American Journal of Cardiology</i> , 2011 , 107, 1763-7	3	60
139	Integrated physiologic assessment of ischemic heart disease in real-world practice using index of microcirculatory resistance and fractional flow reserve: insights from the International Index of Microcirculatory Resistance Registry. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002857	6	59
138	The impact of sex differences on fractional flow reserve-guided percutaneous coronary intervention: a FAME (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation) substudy. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 1037-42	5	58
137	The Prognostic Value of Residual Coronary Stenoses After Functionally Complete Revascularization. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1701-11	15.1	58
136	Coronary microvascular dysfunction in patients with heart failure with preserved ejection fraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H1033-H1042	5.2	57
135	Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement: Insights From the Placement of Aortic Transcatheter Valve (PARTNER) Trial. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e002766	6	55
134	Coronary microcirculatory resistance is independent of epicardial stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 103-8, S1-2	6	55
133	Fractional flow reserve compared with intravascular ultrasound guidance for optimizing stent deployment. <i>Circulation</i> , 2001 , 104, 1917-22	16.7	55
132	The Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2390-2399	5	54
131	Clinical value of post-percutaneous coronary intervention fractional flow reserve value: A systematic review and meta-analysis. <i>American Heart Journal</i> , 2017 , 183, 1-9	4.9	53
130	Invasive Assessment of the Coronary Microvasculature: The Index of Microcirculatory Resistance. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	46
129	Invasive Assessment of Coronary Physiology Predicts Late Mortality After Heart Transplantation. <i>Circulation</i> , 2016 , 133, 1945-50	16.7	45
128	Clinical and functional correlates of early microvascular dysfunction after heart transplantation. <i>Circulation: Heart Failure</i> , 2012 , 5, 759-68	7.6	44
127	The index of microcirculatory resistance predicts myocardial infarction related to percutaneous coronary intervention. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 515-22	6	43
126	Rationale and design of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 Trial: a comparison of fractional flow reserve-guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease. <i>American Heart Journal</i> , 2015 , 170, 619-626.e2	4.9	42
125	Utilization and Outcomes of Measuring Fractional Flow Reserve in Patients With Stable Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 409-419	15.1	41
124	Changes in coronary anatomy and physiology after heart transplantation. <i>American Journal of Cardiology</i> , 2007 , 99, 1603-7	3	40
123	Use of fractional myocardial flow reserve to assess the functional significance of intermediate coronary stenoses. <i>American Journal of Cardiology</i> , 2000 , 86, 1013-4, A10	3	40

122	Changes in coronary arterial dimensions early after cardiac transplantation. <i>Transplantation</i> , 2007 , 83, 700-5	1.8	39
121	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	3.2	38
120	Cost-effectiveness of measuring fractional flow reserve to guide coronary interventions. <i>American Heart Journal</i> , 2003 , 145, 882-7	4.9	35
119	Angiotensin-Converting Enzyme Inhibition Early After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2832-2841	15.1	34
118	Angiography Versus Hemodynamics to Predict the Natural History of Coronary Stenoses: Fractional Flow Reserve Versus Angiography in Multivessel Evaluation 2 Substudy. <i>Circulation</i> , 2018 , 137, 1475-1485	16.7	33
117	Transapical Transcatheter Aortic Valve Replacement Is Associated With Increased Cardiac Mortality in Patients With Left Ventricular Dysfunction: Insights From the PARTNER I Trial. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2414-2422	5	32
116	Baseline fractional flow reserve and stent diameter predict optimal post-stent fractional flow reserve and major adverse cardiac events after bare-metal stent deployment. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 357-63	5	31
115	Accuracy of Fractional Flow Reserve Measurements in Clinical Practice: Observations From a Core Laboratory Analysis. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1392-1401	5	30
114	Agreement of the Resting Distal to Aortic Coronary Pressure With the Instantaneous Wave-Free Ratio. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2105-2113	15.1	29
113	Invasive coronary microcirculation assessment--current status of index of microcirculatory resistance. <i>Circulation Journal</i> , 2014 , 78, 1021-8	2.9	29
112	Transcatheter aortic valve replacement and standard therapy in inoperable patients with aortic stenosis and low EF. <i>Heart</i> , 2015 , 101, 463-71	5.1	29
111	The pathophysiology and clinical course of the normal coronary angina syndrome (cardiac syndrome X). <i>Progress in Cardiovascular Diseases</i> , 2008 , 50, 294-310	8.5	29
110	Physiological Predictors of Acute Coronary Syndromes: Emerging Insights From the Plaque to the Vulnerable Patient. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2539-2547	5	28
109	Association of Improvement in Fractional Flow Reserve With Outcomes, Including Symptomatic Relief, After Percutaneous Coronary Intervention. <i>JAMA Cardiology</i> , 2019 , 4, 370-374	16.2	26
108	The index of microcirculatory resistance (IMR) in takotsubo cardiomyopathy. <i>Catheterization and Cardiovascular Interventions</i> , 2011 , 77, 128-31	2.7	26
107	Effect of rapamycin therapy on coronary artery physiology early after cardiac transplantation. <i>American Heart Journal</i> , 2008 , 155, 889.e1-6	4.9	26
106	Fractional Flow Reserve-Guided PCI as Compared with Coronary Bypass Surgery. <i>New England Journal of Medicine</i> , 2021 ,	59.2	26
105	Percutaneous coronary intervention should be guided by fractional flow reserve measurement. <i>Circulation</i> , 2014 , 129, 1860-70	16.7	25

104	Predictive factors of discordance between the instantaneous wave-free ratio and fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 356-363	2.7	24
103	Improving the quality of percutaneous revascularisation in patients with multivessel disease in Australia: cost-effectiveness, public health implications, and budget impact of FFR-guided PCI. <i>Heart Lung and Circulation</i> , 2014 , 23, 527-33	1.8	24
102	Fractional Flow Reserve and Coronary Computed Tomographic Angiography: A Review and Critical Analysis. <i>Circulation Research</i> , 2016 , 119, 300-16	15.7	23
101	Fractional flow reserve and the index of microvascular resistance in patients with acute coronary syndromes. <i>EuroIntervention</i> , 2014 , 10 Suppl T, T55-63	3.1	23
100	Prognostic Value of Coronary Microvascular Function Measured Immediately After Percutaneous Coronary Intervention in Stable Coronary Artery Disease: An International Multicenter Study. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007889	6	22
99	Prevalence and prognostic role of right ventricular involvement in stress-induced cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2015 , 21, 419-425	3.3	22
98	Outcomes after transfemoral transcatheter aortic valve replacement: a comparison of the randomized PARTNER (Placement of AoRTic TraNscathetER Valves) trial with the NRCA (Nonrandomized Continued Access) registry. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 1245-51	5	22
97	Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. <i>European Heart Journal</i> , 2019 , 40, 2585-2594	9.5	21
96	A comparison of treadmill scores to diagnose coronary artery disease. <i>Clinical Cardiology</i> , 2002 , 25, 117-22	3.3	21
95	ACIST-FFR Study (Assessment of Catheter-Based Interrogation and Standard Techniques for Fractional Flow Reserve Measurement). <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	20
94	Invasive coronary physiology for assessing intermediate lesions. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e001942	6	20
93	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	15.1	19
92	Quantitative flow ratio-guided strategy versus angiography-guided strategy for percutaneous coronary intervention: Rationale and design of the FAVOR III China trial. <i>American Heart Journal</i> , 2020 , 223, 72-80	4.9	18
91	Cardiac allograft vasculopathy: A review. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, E527-E536	2.7	18
90	The index of microcirculatory resistance in the physiologic assessment of the coronary microcirculation. <i>Coronary Artery Disease</i> , 2015 , 26 Suppl 1, e15-26	1.4	17
89	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. <i>Lancet, The</i> , 2021 ,	4.0	16
88	Combination of Mean Platelet Volume and Neutrophil to Lymphocyte Ratio Predicts Long-Term Major Adverse Cardiovascular Events After Percutaneous Coronary Intervention. <i>Angiology</i> , 2019 , 70, 345-351	2.1	15
87	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, 1231-41	2.7	14

86	Paradoxical Vessel Remodeling of the Proximal Segment of the Left Anterior Descending Artery Predicts Long-Term Mortality After Heart Transplantation. <i>JACC: Heart Failure</i> , 2015 , 3, 942-52	7.9	14
85	Evaluation of high-pressure retrograde coronary venous delivery of FGF-2 protein. <i>Catheterization and Cardiovascular Interventions</i> , 2004 , 61, 422-8	2.7	14
84	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	16.7	14
83	The relationship between coronary artery distensibility and fractional flow reserve. <i>PLoS ONE</i> , 2017 , 12, e0181824	3.7	13
82	Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients With Clinical Suspicion of Ischemia: Prospective Observational Study With the Index of Microcirculatory Resistance. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	13
81	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, 206-10	3.2	13
80	Attenuated-Signal Plaque Progression Predicts Long-Term Mortality After Heart Transplantation: IVUS Assessment of Cardiac Allograft Vasculopathy. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 382-92	15.1	13
79	Impact of Age on the Functional Significance of Intermediate Epicardial Artery Disease. <i>Circulation Journal</i> , 2016 , 80, 1583-9	2.9	12
78	Effect of Baseline Left Ventricular Ejection Fraction on 2-Year Outcomes After Transcatheter Aortic Valve Replacement: Analysis of the PARTNER 2 Trials. <i>Circulation: Heart Failure</i> , 2019 , 12, e005809	7.6	12
77	GDF-15 (Growth Differentiation Factor 15) Is Associated With Lack of Ventricular Recovery and Mortality After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	12
76	Acute myocardial infarction in a young woman with systemic lupus erythematosus. <i>Vascular Medicine</i> , 1996 , 1, 19-23	3.3	12
75	Change in lymphocyte to neutrophil ratio predicts acute rejection after heart transplantation. <i>International Journal of Cardiology</i> , 2018 , 251, 58-64	3.2	11
74	Microvascular Resistance Reserve for Assessment of Coronary Microvascular Function: JACC Technology Corner. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1541-1549	15.1	10
73	Does Pre-Treatment with High Dose Atorvastatin Prevent Microvascular Dysfunction after Percutaneous Coronary Intervention in Patients with Acute Coronary Syndrome?. <i>Korean Circulation Journal</i> , 2016 , 46, 472-80	2.2	10
72	Accuracy of non-invasive stress testing in women and men with angina in the absence of obstructive coronary artery disease. <i>International Journal of Cardiology</i> , 2019 , 282, 7-15	3.2	10
71	Diagnostic Performance of Angiogram-Derived Fractional Flow Reserve: A Pooled Analysis of 5 Prospective Cohort Studies. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 488-497	5	9
70	Evaluating intermediate coronary lesions in the cardiac catheterization laboratory. <i>Reviews in Cardiovascular Medicine</i> , 2003 , 4, 1-7	3.9	9
69	Incremental Value of Deformation Imaging and Hemodynamics Following Heart Transplantation: Insights From Graft Function Profiling. <i>JACC: Heart Failure</i> , 2017 , 5, 930-939	7.9	8

68	Association of periarterial neovascularization with progression of cardiac allograft vasculopathy and long-term clinical outcomes in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 752-9	5.8	8
67	Remote Ischemic Preconditioning Acutely Improves Coronary Microcirculatory Function. <i>Journal of the American Heart Association</i> , 2018 , 7, e009058	6	8
66	Influence of Contrast Media Dose and Osmolality on the Diagnostic Performance of Contrast Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	7
65	Dynamic changes in aortic impedance after transcatheter aortic valve replacement and its impact on exploratory outcome. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 1693-1701	2.5	7
64	Association of Endothelin-1 With Accelerated Cardiac Allograft Vasculopathy and Late Mortality Following Heart Transplantation. <i>Journal of Cardiac Failure</i> , 2019 , 25, 97-104	3.3	6
63	Salvage Extracorporeal Membrane Oxygenation Prior to "Bridge" Transcatheter Aortic Valve Replacement. <i>Journal of Cardiac Surgery</i> , 2016 , 31, 403-5	1.3	6
62	Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2018 , 270, 83-88	3.2	6
61	Adjuvant Antithrombotic Therapy in TAVR. <i>Current Cardiology Reports</i> , 2017 , 19, 41	4.2	5
60	Coronary Microvascular Dysfunction and Clinical Outcomes in Patients With Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2019 , 25, 843-845	3.3	5
59	Asymptomatic Patients With Abnormal Fractional Flow Reserve Treated With Medication Alone or With PCI. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1642-1644	15.1	5
58	Global Fractional Flow Reserve Value Predicts 5-Year Outcomes in Patients With Coronary Atherosclerosis But Without Ischemia. <i>Journal of the American Heart Association</i> , 2020 , 9, e017729	6	5
57	Sex Differences in Adenosine-Free Coronary Pressure Indexes: A CONTRAST Substudy. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1454-1463	5	5
56	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,	6	4
55	Early invasive assessment of the coronary microcirculation predicts subsequent acute rejection after heart transplantation. <i>International Journal of Cardiology</i> , 2019 , 290, 27-32	3.2	4
54	A protocol update of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 trial: A comparison of fractional flow reserve-guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease. <i>American Heart Journal</i> , 2019 , 214, 156-157	4.9	4
53	Long-term prognostic value of invasive and non-invasive measures early after heart transplantation. <i>International Journal of Cardiology</i> , 2018 , 260, 31-35	3.2	4
52	Diabetes does not impact the diagnostic performance of contrast-based fractional flow reserve: insights from the CONTRAST study. <i>Cardiovascular Diabetology</i> , 2017 , 16, 7	8.7	4
51	Racial Differences in the Incidence and Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021 ,	5	4

50	Physiologic approach for coronary intervention. <i>Korean Journal of Internal Medicine</i> , 2013 , 28, 1-7	2.5	4
49	Individual Lesion-Level Meta-Analysis Comparing Various Doses of Intracoronary Bolus Injection of Adenosine With Intravenous Administration of Adenosine for Fractional Flow Reserve Assessment. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e007893	6	4
48	Dose-Response Relationship Between Intracoronary Acetylcholine and Minimal Lumen Diameter in Coronary Endothelial Function Testing of Women and Men With Angina and No Obstructive Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008587	6	4
47	Coronary Artery Bypass Surgery Is Not Underutilized!. <i>Circulation</i> , 2016 , 133, 1027-35	16.7	3
46	Functional assessment of multivessel coronary artery disease: ischemia-guided percutaneous coronary intervention. <i>Coronary Artery Disease</i> , 2014 , 25, 521-8	1.4	3
45	Risk factors for early development of cardiac allograft vasculopathy by intravascular ultrasound. <i>Clinical Transplantation</i> , 2020 , 34, e14098	3.8	3
44	Atrial Fibrillation Is Associated With Mortality in Intermediate Surgical Risk Patients With Severe Aortic Stenosis: Analyses From the PARTNER 2A and PARTNER S3i Trials. <i>Journal of the American Heart Association</i> , 2021 , 10, e019584	6	3
43	Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190067	8.3	3
42	The effect of negative remodeling on fractional flow reserve after cardiac transplantation. <i>International Journal of Cardiology</i> , 2017 , 241, 283-287	3.2	2
41	Association Between Current and Future Annual Hospital Percutaneous Coronary Intervention Mortality Rates. <i>JAMA Cardiology</i> , 2019 , 4, 1077-1083	16.2	2
40	Invasive physiological indices to determine the functional significance of coronary stenosis. <i>IJC Heart and Vasculature</i> , 2018 , 18, 39-45	2.4	2
39	Assessing Nonculprit Coronary Disease in ST-Segment Elevation Myocardial Infarction With Physiological Testing. <i>JAMA Cardiology</i> , 2019 , 4, 745-746	16.2	2
38	Utility of High-Sensitivity and Conventional Troponin in Patients Undergoing Transcatheter Aortic Valve Replacement: Incremental Prognostic Value to B-type Natriuretic Peptide. <i>Scientific Reports</i> , 2019 , 9, 14936	4.9	2
37	Impact of Asymmetric Dimethylarginine on Coronary Physiology Early After Heart Transplantation. <i>American Journal of Cardiology</i> , 2017 , 120, 1020-1025	3	2
36	Role of the functional SYNTAX score in evaluating multivessel coronary artery disease. <i>Interventional Cardiology</i> , 2011 , 3, 695-704	3	2
35	Long-term clinical outcomes with use of an angiotensin-converting enzyme inhibitor early after heart transplantation. <i>American Heart Journal</i> , 2020 , 222, 30-37	4.9	2
34	The ratio of circulating regulatory cluster of differentiation 4 T cells to endothelial progenitor cells predicts clinically significant acute rejection after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 496-502	5.8	2
33	CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 431-440	2.8	2

32	Prognostic value of comprehensive intracoronary physiology assessment early after heart transplantation. <i>European Heart Journal</i> , 2021 ,	9.5	2
31	Landmark Fractional Flow Reserve Trials. <i>Interventional Cardiology Clinics</i> , 2015 , 4, 435-441	1.4	1
30	Letter by Fearon regarding article, "Primary coronary microvascular dysfunction: clinical presentation, pathophysiology, and management". <i>Circulation</i> , 2011 , 123, e212; author reply e213	16.7	1
29	Fractional Flow Reserve and Instantaneous Wave-Free Ratio Predict Pathological Wall Shear Stress in Coronary Arteries: Implications for Understanding the Pathophysiological Impact of Functionally Significant Coronary Stenoses.. <i>Journal of the American Heart Association</i> , 2022 , e023502	6	1
28	Impact of cognitive behavioral therapy on depression symptoms after transcatheter aortic valve replacement: A randomized controlled trial. <i>International Journal of Cardiology</i> , 2020 , 321, 61-68	3.2	1
27	Response by Fearon et al to Letter Regarding Article, "Accuracy of Fractional Flow Reserve Derived From Coronary Angiography". <i>Circulation</i> , 2019 , 140, e96-e97	16.7	0
26	Response to Letters Regarding Article, "Invasive Evaluation of Patients With Angina in the Absence of Obstructive Coronary Artery Disease". <i>Circulation</i> , 2015 , 132, e244	16.7	0
25	Images in cardiology. Giant left ventricular pseudoaneurysm. <i>Clinical Cardiology</i> , 2001 , 24, 345	3.3	0
24	Microcirculatory Resistance Predicts Allograft Rejection and Cardiac Events After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2425-2435	15.1	0
23	Distance between valvular leaflet and coronary ostium predicting risk of coronary obstruction during TAVR.. <i>IJC Heart and Vasculature</i> , 2021 , 37, 100917	2.4	0
22	Coronary Computed Tomography Angiography in Diagnosing Obstructive Coronary Artery Disease in Patients with Advanced Chronic Kidney Disease: A Systematic Review and Meta-Analysis. <i>CardioRenal Medicine</i> , 2021 , 11, 44-51	2.8	0
21	A Meta-Analysis of Recent Trials Comparing Revascularization With Medical Therapy Alone in Patients With Chronic Coronary Syndrome. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1388-1390	5	0
20	Physiology-Based Revascularization. <i>JACC Asia</i> , 2021 , 1, 14-36		0
19	Elective Percutaneous Coronary Intervention in Ambulatory Surgery Centers. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 292-300	5	0
18	Performance versus Risk Factor-Based Approaches to Coronary Artery Disease Screening in Waitlisted Kidney Transplant Candidates. <i>CardioRenal Medicine</i> , 2021 , 11, 140-150	2.8	0
17	Invasive Testing 2018 , 194-203		0
16	Variability in Coronary Artery Disease Testing for Patients With New-Onset Heart Failure.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 849-860	15.1	0
15	Trends in Coronary Artery Disease Screening before Kidney Transplantation.. <i>Kidney360</i> , 2022 , 3, 516-523	3.8	0

14	A real-world comparison of outcomes between fractional flow reserve-guided versus angiography-guided percutaneous coronary intervention.. <i>PLoS ONE</i> , 2021 , 16, e0259662	3.7	0
13	Response by Kobayashi et al to Letter Regarding Article, "Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients with Clinical Suspicion of Ischemia: Prospective Observation Study With the Index of Microcirculatory Resistance". <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006302	6	
12	Moving Beyond Linear Formulas for Left Ventricular Mass in Aortic Valve Replacement. <i>Structural Heart</i> , 2017 , 1, 298-299	0.6	
11	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	16.7	
10	Response to letter regarding article, "Prognostic value of the index of microcirculatory resistance measured after primary percutaneous coronary intervention". <i>Circulation</i> , 2014 , 129, e342	16.7	
9	Fractional Flow Reserve: A Practical Update. <i>Current Cardiovascular Imaging Reports</i> , 2010 , 3, 215-221	0.7	
8	Myocardial Microvascular Physiology in Acute and Chronic Coronary Syndromes, Aortic Stenosis, and Heart Failure. <i>Journal of Interventional Cardiology</i> , 2022 , 2022, 1-7	1.8	
7	Age-related iFR/FFR discordance: does it matter?. <i>EuroIntervention</i> , 2021 , 17, 704-705	3.1	
6	NONANGIOGRAPHIC CORONARY LESION ASSESSMENT 2004 , 343-385		
5	Stable Angina33-42		
4	Invasive assessment and management of intermediate coronary narrowings 2012 , 302-311		
3	Physiologic Evaluation of Patients with Ischemic Heart Disease 2014 , 193-205		
2	Physiology over Angiography to Determine Lesion Severity: the FAME Trials. <i>Interventional Cardiology Clinics</i> , 2020 , 9, 409-418	1.4	
1	Usefulness of Asymmetric Dimethylarginine to Predict Outcomes After Heart Transplantation. <i>American Journal of Cardiology</i> , 2018 , 122, 1707-1711	3	