

William F Fearon

List of Publications by Year in Descending Order

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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	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	
192	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
191	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
190	Trends in Coronary Artery Disease Screening before Kidney Transplantation.. <i>Kidney360</i> , 2022 , 3, 516-523	3.8	0
189	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
188	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. <i>Lancet, The</i> , 2021 ,	40	16
187	Fractional Flow Reserve-Guided PCI as Compared with Coronary Bypass Surgery. <i>New England Journal of Medicine</i> , 2021 ,	59.2	26
186	Racial Differences in the Incidence and Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021 ,	5	4
185	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
184	Age-related iFR/FFR discordance: does it matter?. <i>EuroIntervention</i> , 2021 , 17, 704-705	3.1	
183	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
182	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
181	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
180	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
179	Physiology-Based Revascularization. <i>JACC Asia</i> , 2021 , 1, 14-36		0
178	Elective Percutaneous Coronary Intervention in Ambulatory Surgery Centers. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 292-300	5	0
177	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

176	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
175	Prognostic value of comprehensive intracoronary physiology assessment early after heart transplantation. <i>European Heart Journal</i> , 2021 ,	9.5	2
174	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
173	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
172	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
171	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
170	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , 2020 , 382, 799-809	59.2	239
169	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
168	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
167	Physiology over Angiography to Determine Lesion Severity: the FAME Trials. <i>Interventional Cardiology Clinics</i> , 2020 , 9, 409-418	1.4	
166	Risk factors for early development of cardiac allograft vasculopathy by intravascular ultrasound. <i>Clinical Transplantation</i> , 2020 , 34, e14098	3.8	3
165	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
164	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
163	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
162	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
161	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
160	Association Between Current and Future Annual Hospital Percutaneous Coronary Intervention Mortality Rates. <i>JAMA Cardiology</i> , 2019 , 4, 1077-1083	16.2	2
159	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

158	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
157	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
156	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
155	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
154	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
153	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
152	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
151	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
150	Assessing Nonculprit Coronary Disease in ST-Segment Elevation Myocardial Infarction With Physiological Testing. <i>JAMA Cardiology</i> , 2019 , 4, 745-746	16.2	2
149	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
148	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
147	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
146	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
145	Accuracy of Fractional Flow Reserve Derived From Coronary Angiography. <i>Circulation</i> , 2019 , 139, 477-484	16.7	86
144	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
143	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	
142	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
141	Invasive physiological indices to determine the functional significance of coronary stenosis. <i>IJC Heart and Vasculature</i> , 2018 , 18, 39-45	2.4	2

140	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
139	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, 488-497	16.7	129
138	Sex Differences in Adenosine-Free Coronary Pressure Indexes: A CONTRAST Substudy. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1454-1463	5	5
137	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
136	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
135	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
134	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
133	Invasive Testing 2018 , 194-203		0
132	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
131	Cardiac allograft vasculopathy: A review. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, E527-E536	15.1	18
130	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
129	Usefulness of Asymmetric Dimethylarginine to Predict Outcomes After Heart Transplantation. <i>American Journal of Cardiology</i> , 2018 , 122, 1707-1711	3	
128	Remote Ischemic Preconditioning Acutely Improves Coronary Microcirculatory Function. <i>Journal of the American Heart Association</i> , 2018 , 7, e009058	6	8
127	Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2018 , 270, 83-88	3.2	6
126	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
125	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
124	Five-Year Outcomes with PCI Guided by Fractional Flow Reserve. <i>New England Journal of Medicine</i> , 2018 , 379, 250-259	59.2	346
123	Adjuvant Antithrombotic Therapy in TAVR. <i>Current Cardiology Reports</i> , 2017 , 19, 41	4.2	5

122	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
121	Angiotensin-Converting Enzyme Inhibition Early After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2832-2841	15.1	34
120	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
119	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
118	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
117	The relationship between coronary artery distensibility and fractional flow reserve. <i>PLoS ONE</i> , 2017 , 12, e0181824	3.7	13
116	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
115	Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	62
114	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
113	Invasive Assessment of the Coronary Microvasculature: The Index of Microcirculatory Resistance. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	46
112	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
111	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
110	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
109	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
108	Impact of Asymmetric Dimethylarginine on Coronary Physiology Early After Heart Transplantation. <i>American Journal of Cardiology</i> , 2017 , 120, 1020-1025	3	2
107	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
106	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
105	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

104	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
103	Moving Beyond Linear Formulas for Left Ventricular Mass in Aortic Valve Replacement. <i>Structural Heart</i> , 2017 , 1, 298-299	0.6	
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	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
100	Impact of Age on the Functional Significance of Intermediate Epicardial Artery Disease. <i>Circulation Journal</i> , 2016 , 80, 1583-9	2.9	12
99	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
98	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
97	Coronary Artery Bypass Surgery Is Not Underutilized!. <i>Circulation</i> , 2016 , 133, 1027-35	16.7	3
96	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
95	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
94	Salvage Extracorporeal Membrane Oxygenation Prior to "Bridge" Transcatheter Aortic Valve Replacement. <i>Journal of Cardiac Surgery</i> , 2016 , 31, 403-5	1.3	6
93	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , 2016 , 374, 1609-20	59.2	2746
92	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
91	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
90	Invasive Assessment of Coronary Physiology Predicts Late Mortality After Heart Transplantation. <i>Circulation</i> , 2016 , 133, 1945-50	16.7	45
89	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
88	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
87	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

86	Standardization of Fractional Flow Reserve Measurements. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 742-53	15.1	106
85	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
84	Invasive evaluation of patients with angina in the absence of obstructive coronary artery disease. <i>Circulation</i> , 2015 , 131, 1054-60	16.7	206
83	Repeatability of Fractional Flow Reserve Despite Variations in Systemic and Coronary Hemodynamics. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1018-1027	5	64
82	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
81	Landmark Fractional Flow Reserve Trials. <i>Interventional Cardiology Clinics</i> , 2015 , 4, 435-441	1.4	1
80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	Invasive coronary physiology for assessing intermediate lesions. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e001942	6	20
69	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

68	Percutaneous coronary intervention should be guided by fractional flow reserve measurement. <i>Circulation</i> , 2014 , 129, 1860-70	16.7	25
67	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
66	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
65	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
64	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
63	Fractional flow reserve-guided PCI for stable coronary artery disease. <i>New England Journal of Medicine</i> , 2014 , 371, 1208-17	59.2	672
62	Invasive coronary microcirculation assessment--current status of index of microcirculatory resistance. <i>Circulation Journal</i> , 2014 , 78, 1021-8	2.9	29
61	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	
60	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	
59	Functional assessment of multivessel coronary artery disease: ischemia-guided percutaneous coronary intervention. <i>Coronary Artery Disease</i> , 2014 , 25, 521-8	1.4	3
58	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
57	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
56	Physiologic Evaluation of Patients with Ischemic Heart Disease 2014 , 193-205		
55	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
54	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
53	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
52	Functional assessment of coronary stenoses: can we live without it?. <i>European Heart Journal</i> , 2013 , 34, 1335-44	9.5	66
51	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

50	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
49	Prognostic value of the Index of Microcirculatory Resistance measured after primary percutaneous coronary intervention. <i>Circulation</i> , 2013 , 127, 2436-41	16.7	215
48	Physiologic approach for coronary intervention. <i>Korean Journal of Internal Medicine</i> , 2013 , 28, 1-7	2.5	4
47	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
46	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
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