

Hernán Mejía-Rentería

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

687
citations

623734

14
h-index

610901

24
g-index

52
all docs

52
docs citations

52
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1437-1449.	2.9	111
2	Influence of Microcirculatory Dysfunction on Angiography-Based Functional Assessment of Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 741-753.	2.9	90
3	In-vivo evidence of systemic endothelial vascular dysfunction in COVID-19. <i>International Journal of Cardiology</i> , 2021, 345, 153-155.	1.7	38
4	Coronary microcirculation assessment using functional angiography: Development of a wire-free method applicable to conventional coronary angiograms. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1027-1037.	1.7	32
5	Revascularization Deferral of Nonculprit Stenoses on the Basis of Fractional Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1894-1903.	2.9	31
6	Angiography-based quantitative flow ratio versus fractional flow reserve in patients with coronary artery disease and severe aortic stenosis. <i>EuroIntervention</i> , 2020, 16, e285-e292.	3.2	31
7	Prognostic Implications of Resistive Reserve Ratio in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e015846.	3.7	29
8	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2035-2046.	2.9	26
9	Comparison of Major Adverse Cardiac Events Between Instantaneous Wave-Free Ratio and Fractional Flow Reserve-Guided Strategy in Patients With or Without Type 2 Diabetes. <i>JAMA Cardiology</i> , 2019, 4, 857.	6.1	25
10	Coronary Microcirculation Downstream Non-infarct-Related Arteries in the Subacute Phase of Myocardial Infarction: Implications for Physiology-Guided Revascularization. <i>Journal of the American Heart Association</i> , 2019, 8, e011534.	3.7	22
11	Reproducibility of quantitative flow ratio: the QREP study. <i>EuroIntervention</i> , 2022, 17, 1252-1259.	3.2	19
12	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction. <i>Journal of the American Heart Association</i> , 2022, 11, e025171.	3.7	19
13	Tako-tsubo Syndrome in Men: Rare, but With Poor Prognosis. <i>Revista Espanola De Cardiologia (English)</i> 10,784314,rgBT/O	1.0,784314,0,6	18
14	Clinical relevance and prognostic implications of contrast quantitative flow ratio in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2021, 325, 23-29.	1.7	17
15	Non-invasive assessment of endothelial function in patients with spontaneous coronary artery dissection: A case-control study. <i>International Journal of Cardiology</i> , 2020, 316, 40-42.	1.7	17
16	Interindividual Variations in the Adenosine-Induced Hemodynamics During Fractional Flow Reserve Evaluation: Implications for the Use of Quantitative Flow Ratio in Assessing Intermediate Coronary Stenoses. <i>Journal of the American Heart Association</i> , 2019, 8, e012906.	3.7	15
17	Platelet Inhibition, Endothelial Function, and Clinical Outcome in Patients Presenting With ST-Segment Elevation Myocardial Infarction Randomized to Ticagrelor Versus Prasugrel Maintenance Therapy: Long-Term Follow-Up of the REDUCE-MVI Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e014411.	3.7	15
18	Clinical Profile and 30-Day Mortality of Invasively Managed Patients with Suspected Acute Coronary Syndrome During the COVID-19 Outbreak. <i>International Heart Journal</i> , 2021, 62, 274-281.	1.0	12

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19	Long-term Patient Prognostication by Coronary Flow Reserve and Index of Microcirculatory Resistance: International Registry of Comprehensive Physiologic Assessment. <i>Korean Circulation Journal</i> , 2020, 50, 890.	1.9	12
20	Sex Differences in Long-term Outcomes in Patients With Deferred Revascularization Following Fractional Flow Reserve Assessment: International Collaboration Registry of Comprehensive Physiologic Evaluation. <i>Journal of the American Heart Association</i> , 2020, 9, e014458.	3.7	10
21	Microcirculatory dysfunction in the heart and the brain. <i>Minerva Cardioangiologica</i> , 2019, 67, 318-329.	1.2	10
22	Combined Assessment of FFR and CFR for Decision Making in Coronary Revascularization. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1047-1056.	2.9	10
23	Contemporary use of coronary computed tomography angiography in the planning of percutaneous coronary intervention. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2441-2459.	1.5	9
24	Dose-reducing fluoroscopic system decreases patient but not occupational radiation exposure in chronic total occlusion intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 895-902.	1.7	8
25	Protective Effect on the coronary microcirculation of patients with Diabetes by Clopidogrel or Ticagrelor (PREDICT): study rationale and design. A randomized multicenter clinical trial using intracoronary multimodal physiology. <i>Cardiovascular Diabetology</i> , 2017, 16, 68.	6.8	5
26	Performance of the heart team approach in daily clinical practice in high-risk patients with aortic stenosis. <i>Journal of Cardiac Surgery</i> , 2021, 36, 31-39.	0.7	5
27	Invasive evaluation of coronary microvascular dysfunction. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2474-2486.	2.1	5
28	Clinical outcomes of patients presenting with spontaneous coronary artery dissection versus takotsubo syndrome: a propensity score analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 694-702.	1.0	4
29	Quantitative flow ratio as a new tool for angiography-based physiological evaluation of coronary artery disease: a review. <i>Future Cardiology</i> , 2021, 17, 1435-1452.	1.2	4
30	Endothelial Dysfunction and Epicardial Coronary Spasm in a Woman With Previous Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e219-e220.	2.9	4
31	Comparison of quantitative flow ratio value of left anterior descending and circumflex coronary artery in patients with Takotsubo syndrome. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 3-8.	1.5	3
32	Non-randomized comparison between revascularization and deferral for intermediate coronary stenosis with abnormal fractional flow reserve and preserved coronary flow reserve. <i>Scientific Reports</i> , 2021, 11, 9126.	3.3	3
33	Association between patient age, microcirculation, and coronary stenosis assessment with fractional flow reserve and instantaneous wave-free ratio. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1104-1114.	1.7	3
34	Differential Prognostic Value of Revascularization for Coronary Stenosis With Intermediate FFR by Coronary Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1033-1043.	2.9	3
35	Coronary Flow Reserve in the Instantaneous Wave-Free Ratio/Fractional Flow Reserve Era. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1434-1436.	2.9	2
36	Role of Invasive and Non-invasive Imaging Tools in the Diagnosis and Optimal Treatment of Patients with Spontaneous Coronary Artery Dissection. <i>Current Cardiology Reports</i> , 2019, 21, 122.	2.9	2

#	ARTICLE	IF	CITATIONS
37	Short-term clinical outcomes of percutaneous coronary intervention of unprotected left main coronary disease in cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 515-521.	1.7	2
38	Anatomical and functional healing after resorbable magnesium scaffold implantation in human coronary vessels: A combined optical coherence tomography and quantitative flow ratio analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1038-1046.	1.7	2
39	Prognostic implications of coronary physiological indices in patients with diabetes mellitus. <i>Revista Espanola De Cardiología (English Ed)</i> , 2021, 74, 682-690.	0.6	2
40	Safety of coronary revascularization deferral based on fractional flow reserve and instantaneous wave-free ratio in patients with chronic kidney disease. <i>Cardiology Journal</i> , 2022, 29, 553-562.	1.2	2
41	Characterization of quantitative flow ratio and fractional flow reserve discordance using doppler flow and clinical follow-up. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1181-1190.	1.5	2
42	Incidence, clinical impact and predictors of thrombocytopenia after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2022, , .	1.7	2
43	Influence of coronary microcirculatory dysfunction on FFR calculation based on computational fluid dynamics. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1066-1066.	1.2	1
44	Graveyard Electrocardiogram. <i>Journal of Emergency Medicine</i> , 2017, 52, e49-e50.	0.7	1
45	Bifurcation Culprit Lesions in ST-segment Elevation Myocardial Infarction: Procedural Success and 5-year Outcome Compared With Nonbifurcation Lesions. <i>Revista Espanola De Cardiología (English Ed)</i> , 2018, 71, 801-810.	0.6	1
46	Long-term outcomes after deferral of revascularization of in-stent restenosis using fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	1
47	Phasic flow patterns of right versus left coronary arteries in patients undergoing clinical physiological assessment. <i>EuroIntervention</i> , 2022, 17, 1260-1270.	3.2	1
48	Differential Impact of Coronary Revascularization on Long-Term Clinical Outcome According to Coronary Flow Characteristics: Analysis of the International ILIAS Registry. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, .	3.9	1
49	Limb leads in a patient with Takotsubo syndrome and a pacemaker. <i>Revista Portuguesa De Cardiologia</i> , 2015, 34, 793.	0.5	0
50	ECG, February 2019. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 165.	0.6	0
51	Response to ECG, February 2019. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 248.	0.6	0