Hitoshi Matsuo

List of Publications by Year
in descending order

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30 papers	2,172 citations	430874 18 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2046 citing authors

#	Article	IF	Citations
1	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. New England Journal of Medicine, 2017, 376, 1824-1834.	27.0	742
2	Diagnostic Performance of Inâ€Procedure Angiographyâ€Derived Quantitative Flow Reserve Compared to Pressureâ€Derived Fractional Flow Reserve: The FAVOR II Europeâ€Japan Study. Journal of the American Heart Association, 2018, 7, .	3.7	240
3	Real-world clinical utility and impact on clinical decision-making of coronary computed tomography angiography-derived fractional flow reserve: lessons from the ADVANCE Registry. European Heart Journal, 2018, 39, 3701-3711.	2.2	214
4	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. JACC: Cardiovascular Imaging, 2020, 13, 97-105.	5.3	204
5	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. JACC: Cardiovascular Interventions, 2018, 11, 1437-1449.	2.9	111
6	Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Predicts Hemodynamic Outcome In Humans WithÂCoronary Artery Disease. JACC: Cardiovascular Interventions, 2018, 11, 757-767.	2.9	95
7	Coronary CT Angiography-derived Fractional Flow Reserve Testing in Patients with Stable Coronary Artery Disease: Recommendations on Interpretation and Reporting. Radiology: Cardiothoracic Imaging, 2019, 1, e190050.	2.5	74
8	Prognostic Implication of Functional Incomplete Revascularization and ResidualÂFunctional SYNTAX Score in Patients With Coronary Artery Disease. JACC: Cardiovascular Interventions, 2018, 11, 237-245.	2.9	51
9	Rationale, design and goals of the HeartFlow assessing diagnostic value of non-invasive FFR CT in Coronary Care (ADVANCE) registry. Journal of Cardiovascular Computed Tomography, 2017, 11, 62-67.	1.3	45
10	Accuracy of Intravascular Ultrasound-Based Fractional Flow Reserve in Identifying Hemodynamic Significance of Coronary Stenosis. Circulation: Cardiovascular Interventions, 2021, 14, e009840.	3.9	41
11	JCS 2022 Guideline Focused Update on Diagnosis and Treatment in Patients With Stable Coronary Artery Disease. Circulation Journal, 2022, 86, 882-915.	1.6	37
12	QFR Versus FFR Derived From ComputedÂTomography for FunctionalÂAssessment of CoronaryÂArtery Stenosis. JACC: Cardiovascular Interventions, 2019, 12, 2050-2059.	2.9	35
13	Clinical Events After Deferral of LADÂRevascularization Following PhysiologicalÂCoronaryÂAssessment. Journal of the American College of Cardiology, 2019, 73, 444-453.	2.8	35
14	Two-Year Outcomes After Deferral of Revascularization Based on Fractional Flow Reserve. Circulation: Cardiovascular Interventions, 2020, 13, e008355.	3.9	32
15	Safety of Revascularization Deferral of Left Main Stenosis Based on Instantaneous Wave-FreeÂRatio Evaluation. JACC: Cardiovascular Interventions, 2020, 13, 1655-1664.	2.9	30
16	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserveâ€“Guided Revascularization Strategy. JACC: Cardiovascular Interventions, 2019, 12, 2035-2046.	2.9	26
17	Comparison of Major Adverse Cardiac Events Between Instantaneous Wave-Free Ratio and Fractional Flow Reserveâ€“Guided Strategy in Patients With or Without Type 2 Diabetes. JAMA Cardiology, 2019, 4, 857.	6.1	25
18	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2022, 16, 19-26.	1.3	20

#	Article	IF	Citations
19	Clinical use of physiological lesion assessment using pressure guidewires: an expert consensus document of the Japanese association of cardiovascular intervention and therapeuticsâ€"update 2022. Cardiovascular Intervention and Therapeutics, 2022, 37, 425-439.	2.3	19
20	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction. Journal of the American Heart Association, 2022, 11, e025171.	3.7	19
21	Non-hyperaemic coronary pressure measurements to guide coronary interventions. Nature Reviews Cardiology, 2020, 17, 629-640.	13.7	18
22	Five-Year Outcomes After Fractional Flow Reserveâ€"Based Deferral of Revascularization in Chronic Coronary Syndrome: Final Results From the J-CONFIRM Registry. Circulation: Cardiovascular Interventions, 2022, 15, CIRCINTERVENTIONS121011387.	3.9	17
23	Fractional Flow Reserve Versus Instantaneous Waveâ€Free Ratio in Assessment of Lesion Hemodynamic Significance and Explanation of their Discrepancies. International, Multicenter and Prospective Trial: The FiGARO Study. Journal of the American Heart Association, 2022, 11, e021490.	3.7	11
24	Serum syndecan-1 concentration in hospitalized patients with heart failure may predict readmission-free survival. PLoS ONE, 2021, 16, e0260350.	2.5	8
25	The clinical utility of FFRCT stratified by age. Journal of Cardiovascular Computed Tomography, 2021, 15, 121-128.	1.3	6
26	Physiology-Based Revascularization. JACC Asia, 2021, 1, 14-36.	1.5	6
27	Temporal changes in FFRCT-Guided Management of Coronary Artery Disease â€" Lessons from the ADVANCE Registry. Journal of Cardiovascular Computed Tomography, 2021, 15, 48-55.	1.3	5
28	Correlation of Intravascular Ultrasound and Instantaneous Wave-Free Ratio in Patients With Intermediate Left Main Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2021, 14, e009830.	3.9	4
29	Long-Term Outcomes in Elderly Patients After Deferral of Coronary Revascularization Guided by Fractional Flow Reserve. Circulation Journal, 2022, , .	1.6	1
30	Differential Impact of Coronary Revascularization on Long-Term Clinical Outcome According to Coronary Flow Characteristics: Analysis of the International ILIAS Registry. Circulation: Cardiovascular Interventions, 2022, 15, .	3.9	1