

Tadashi Murai

List of Publications by Year in descending order

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38
papers

578
citations

567281

15
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677142

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38
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Prognostic Implications of Pre- and Post-Stent Fractional Flow Reserve in Patients Undergoing Percutaneous Coronary Intervention. <i>Korean Circulation Journal</i> , 2022, 52, 47.	1.9	3
2	Association of near-infrared spectroscopy-defined lipid rich plaque with lesion morphology and peri-coronary inflammation on computed tomography angiography. <i>Atherosclerosis</i> , 2022, 346, 109-116.	0.8	5
3	Prognostic Value of Coronary Sinus Flow Quantification by Cardiac Magnetic Resonance Imaging in Patients With Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2022, 11, e023519.	3.7	2
4	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
5	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
6	Determinants of visualâ€functional mismatches as assessed by coronary angiography and quantitative flow ratio. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1047-1056.	1.7	5
7	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
8	Prognostic value of pericoronary inflammation and unsupervised machine-learning-defined phenotypic clustering of CT angiographic findings. <i>International Journal of Cardiology</i> , 2021, 333, 226-232.	1.7	12
9	Association of microvascular dysfunction with clinical outcomes in patients with non-flow limiting fractional flow reserve after percutaneous coronary intervention. <i>IJC Heart and Vasculature</i> , 2021, 35, 100833.	1.1	1
10	Clinical outcomes of low-intensity area without attenuation and cholesterol crystals in non-culprit lesions assessed by optical coherence tomography. <i>Atherosclerosis</i> , 2021, 332, 41-47.	0.8	8
11	Effect of Coronary Disease Characteristics on Prognostic Relevance of Residual Ischemia After Stent Implantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 696756.	2.4	2
12	Clinical significance of the presence of puffâ€chandelier ruptures detected by nonobstructive aortic angioscopy. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 784-792.	1.7	6
13	Prognostic impact of healed coronary plaque in non-culprit lesions assessed by optical coherence tomography. <i>Atherosclerosis</i> , 2020, 309, 1-7.	0.8	30
14	Role of Post-Stent Physiological Assessment in a Risk Prediction Model After Coronary Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1639-1650.	2.9	36
15	Determinants of Pericoronary Adipose Tissue Attenuation on Computed Tomography Angiography in Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e016202.	3.7	34
16	Coronary Flow Capacity to Identify Stenosis Associated With Coronary Flow Improvement After Revascularization: A Combined Analysis From DEFINE FLOW and IDEAL. <i>Journal of the American Heart Association</i> , 2020, 9, e016130.	3.7	8
17	Prognostic Impact of Residual Anatomic Disease Burden After Functionally Complete Revascularization. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009232.	3.9	16
18	Prognostic Value of Prevascularization Fractional Flow Reserve Mediated by the Postrevascularization Level. <i>JAMA Network Open</i> , 2020, 3, e2018162.	5.9	7

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19	Functional classification discordance in intermediate coronary stenoses between fractional flow reserve and angiography-based quantitative flow ratio. <i>Open Heart</i> , 2020, 7, e001179.	2.3	9
20	Optical coherence tomographyâ€defined plaque vulnerability in relation to functional stenosis severity stratified by fractional flow reserve and quantitative flow ratio. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E238-E247.	1.7	7
21	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
22	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
23	Prognostic Value of Coronary Microvascular Function Measured Immediately After Percutaneous Coronary Intervention in Stable Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007889.	3.9	47
24	Improvement of Fractional Flow Reserve after Percutaneous Coronary Intervention Does Not Necessarily Indicate Increased Coronary Flow. <i>European Cardiology Review</i> , 2019, 14, 10-12.	2.2	8
25	Prognostic implication of three-vessel contrast-flow quantitative flow ratio in patients with stable coronary artery disease. <i>EuroIntervention</i> , 2019, 15, 180-188.	3.2	21
26	Coronary physiological assessment combining fractional flow reserve and index of microcirculatory resistance in patients undergoing elective percutaneous coronary intervention with grey zone fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1077-1087.	1.7	6
27	Diagnostic and Prognostic Efficacy of Coronary Flow Capacity Obtained Using Pressure-Temperature Sensorâ€Tipped Wireâ€Derived Physiological Indices. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 728-737.	2.9	33
28	Influence of visualâ€functional mismatch on coronary flow profiles after percutaneous coronary intervention: a propensity score-matched analysis. <i>Heart and Vessels</i> , 2018, 33, 1129-1138.	1.2	4
29	Prognostic value of the index of microcirculatory resistance after percutaneous coronary intervention in patients with nonâ€STâ€segment elevation acute coronary syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1063-1074.	1.7	25
30	Optical Coherence Tomographyâ€Defined Plaque Vulnerability in Relation to Functional Stenosis Severity and Microvascular Dysfunction. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2058-2068.	2.9	42
31	Impact of Elective Percutaneous Coronary Intervention on Global Absolute Coronary Flow and Flow Reserve Evaluated by Phase-Contrast Cine-Magnetic Resonance Imaging in Relation to Regional Invasive Physiological Indices. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006676.	3.9	13
32	Preprocedural fractional flow reserve and microvascular resistance predict increased hyperaemic coronary flow after elective percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 233-242.	1.7	22
33	Significance of Microvascular Function in Visualâ€Functional Mismatch Between Invasive Coronary Angiography and Fractional Flow Reserve. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	24
34	Effect of Elective Percutaneous Coronary Intervention on Hyperemic Absolute Coronary Blood Flow Volume and Microvascular Resistance. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	11
35	Prevalence of Thin-Cap Fibroatheroma in Relation to the Severity of Anatomical and Physiological Stenosis. <i>Circulation Journal</i> , 2017, 81, 1816-1823.	1.6	11
36	Prevalence and Clinical Significance of Discordant Changes in Fractional and Coronary Flow Reserve After Elective Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	20

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37	The influence of elective percutaneous coronary intervention on microvascular resistance: a serial assessment using the index of microcirculatory resistance. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H520-H531.	3.2	18
38	Relationship Between Subclinical Cardiac Troponin I Elevation and Culprit Lesion Characteristics Assessed by Optical Coherence Tomography in Patients Undergoing Elective Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	18