

Eisuke Usui

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

318
citations

933447

10
h-index

888059

17
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26
all docs

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docs citations

26
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	The influence of elective percutaneous coronary intervention on microvascular resistance: a serial assessment using the index of microcirculatory resistance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H520-H531.	3.2	18
8	Preâ€‘percutaneous Coronary Intervention Pericoronary Adipose Tissue Attenuation Evaluated by Computed Tomography Predicts Global Coronary Flow Reserve After Urgent Revascularization in Patients With Nonâ€‘STâ€‘segmentâ€‘Elevation Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2020, 9, e016504.	3.7	13
9	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
10	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
11	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
12	Optical Coherence Tomographic Features of Unstable Coronary Lesions Corresponding to Histopathological Intraplaque Hemorrhage Evaluated byâ€‘Directional Coronary Atherectomy Specimens. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1414-1415.	2.9	9
13	Impact of baseline plaque characteristic on the development of neoatherosclerosis in the very late phase after stenting. <i>Journal of Cardiology</i> , 2019, 74, 67-73.	1.9	9
14	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
15	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
16	Relationship between optical coherence tomography-derived morphological criteria and functional relevance as determined by fractional flow reserve. <i>Journal of Cardiology</i> , 2018, 71, 359-366.	1.9	7
17	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
18	Clinical Significance of Increased Computed Tomography Attenuation of Periaortic Adipose Tissue in Patients With Abdominal Aortic Aneurysms. <i>Circulation Journal</i> , 2021, 85, 2172-2180.	1.6	7

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19	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
20	Prognostic Value of Phase-Contrast Cine-Magnetic Resonance Imaging-Derived Global Coronary Flow Reserve in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome Treated With Urgent Percutaneous Coronary Intervention. <i>Circulation Journal</i> , 2019, 83, 1220-1228.	1.6	6
21	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
22	A case report of a coronary myocardial bridge with impaired full-cycle ratio during dobutamine challenge. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-4.	0.6	4
23	Prevalence of OCT-defined high-risk plaque in relation to physiological characteristics by fractional flow reserve and coronary flow reserve. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 331-332.	0.6	2
24	Vascular Responses to First-Generation Sirolimus-Eluting Stents and Bare-Metal Stents Beyond 10 Years. <i>Circulation Reports</i> , 2021, 3, 201-210.	1.0	1
25	The impact of lesion complexity on predicting mortality of coronary artery disease patients after out-of-hospital cardiac arrest. <i>Internal and Emergency Medicine</i> , 2022, , 1.	2.0	1
26	Predictors of Near-Infrared Spectroscopy-Detected Lipid-Rich Plaques by Optical Coherence Tomography-Defined Morphological Features in Patients With Acute Coronary Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 842914.	2.4	0