Nobuhiro Tanaka

List of Publications by Year
in descending order

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Version: 2024-02-01

47 papers	1,479 citations	471371 17 h-index	315616 38 g-index
48 all docs	48 docs citations	48 times ranked	1547 citing authors

#	Article	IF	Citations
1	Assessment of Vasoactive Agents and Vascular Aging by the Second Derivative of Photoplethysmogram Waveform. Hypertension, 1998, 32, 365-370.	1.3	439
2	Underestimation of Vasodilator Effects of Nitroglycerin by Upper Limb Blood Pressure. Hypertension, 1995, 26, 520-523.	1.3	144
3	Prognostic Implications of Plaque Characteristics and Stenosis Severity in Patients With Coronary Artery Disease. Journal of the American College of Cardiology, 2019, 73, 2413-2424.	1.2	115
4	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.	1.1	111
5	Clinical implications of three-vessel fractional flow reserve measurement in patients with coronary artery disease. European Heart Journal, 2018, 39, 945-951.	1.0	68
6	Prognostic Implications of RelativeÂIncrease and Final Fractional Flow Reserve in Patients With StentÂImplantation. JACC: Cardiovascular Interventions, 2018, 11, 2099-2109.	1.1	67
7	Prognostic Implication of Functional Incomplete Revascularization and ResidualÂFunctional SYNTAX Score in Patients With Coronary Artery Disease. JACC: Cardiovascular Interventions, 2018, 11, 237-245.	1.1	51
8	CT Angiographic and Plaque Predictors of Functionally Significant Coronary Disease and Outcome Using Machine Learning. JACC: Cardiovascular Imaging, 2021, 14, 629-641.	2.3	46
9	Vessel fractional flow reserve (vFFR) for the assessment of stenosis severity: the FAST II study. EuroIntervention, 2022, 17, 1498-1505.	1.4	38
10	Clinical Events After Deferral of LADÂRevascularization Following PhysiologicalÂCoronaryÂAssessment. Journal of the American College of Cardiology, 2019, 73, 444-453.	1.2	35
11	Two-Year Outcomes After Deferral of Revascularization Based on Fractional Flow Reserve. Circulation: Cardiovascular Interventions, 2020, 13, e008355.	1.4	32
12	Assessment of optimum stent deployment by stent boost imaging: comparison with intravascular ultrasound. Heart and Vessels, 2013, 28, 1-6.	0.5	26
13	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserveâ€“Guided Revascularization Strategy. JACC: Cardiovascular Interventions, 2019, 12, 2035-2046.	1.1	26
14	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.	3.0	25
15	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.	1.2	19
16	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction. Journal of the American Heart Association, 2022, 11, e025171.	1.6	19
17	Seven-year clinical outcomes of patients with moderate coronary artery stenosis after deferral of revascularization based on gray-zone fractional flow reserve. Cardiovascular Intervention and Therapeutics, 2015, 30, 209-215.	1.2	17
18	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.	1.4	17

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19	Severe obstructive sleep apnea increases left atrial volume independently of left ventricular diastolic impairment. Sleep and Breathing, 2015, 19, 1249-1255.	0.9	16
20	Drug-Eluting Stent vs Percutaneous Transluminal Angioplasty for Treatment of Femoropopliteal In-Stent Restenosis. Journal of Endovascular Therapy, 2016, 23, 642-647.	0.8	16
21	Characterization of real-world patients with low fractional flow reserve immediately after drug-eluting stents implantation. Cardiovascular Intervention and Therapeutics, 2016, 31, 29-37.	1.2	16
22	High-Risk Morphological and Physiological Coronary Disease Attributes as Outcome Markers After Medical Treatment and Revascularization. JACC: Cardiovascular Imaging, 2021, 14, 1977-1989.	2.3	16
23	Clinical Outcomes of Deferred Lesions With Angiographically Insignificant Stenosis But Low Fractional Flow Reserve. Journal of the American Heart Association, 2017, 6, .	1.6	14
24	Application of pressure-derived myocardial fractional flow reserve in chronic hemodialysis patients. Journal of Cardiology, 2018, 71, 52-58.	0.8	14
25	Analysis of suboptimal stent deployment using intravascular ultrasound and coronary pressure pullback measurement. Journal of Cardiology, 2017, 69, 613-618.	0.8	11
26	Coronary Flow-Pressure Relationship Distal to Epicardial Stenosis. Circulation Journal, 2003, 67, 525-529.	0.7	9
27	Decrease of Fractional Flow Reserve Shortly After Percutaneous Coronary Intervention. Circulation Journal, 2006, 70, 1327-1331.	0.7	9
28	Clinical Relevance of Functionally Insignificant Moderate Coronary Artery Stenosis Assessed by 3â€Vessel Fractional Flow Reserve Measurement. Journal of the American Heart Association, 2018, 7, .	1.6	9
29	Validation of pressure gradient and peripheral fractional flow reserve measured by a pressure wire for diagnosis of iliofemoral artery disease with intermediate stenosis. Medical Devices: Evidence and Research, 2015, 8, 467.	0.4	8
30	Association of moderate chronic kidney disease with insufficient improvement of fractional flow reserve after stent implantation. Catheterization and Cardiovascular Interventions, 2016, 88, E38-44.	0.7	6
31	An unusual case of traumatic aortic regurgitation. Journal of the Japanese Society of Intensive Care Medicine, 2003, 10, 17-22.	0.0	6
32	Letter by Oâ€™Rourke et al Regarding Article â€œBrachial and Radial Systolic Blood Pressure Are Not the Same: Evidence to Support the Popeye Phenomenonâ€. Hypertension, 2019, 74, e34.	1.3	5
33	Prognostic impact of diabetes mellitus and index of microcirculatory resistance in patients undergoing fractional flow reserve-guided revascularization. International Journal of Cardiology, 2020, 307, 171-175.	0.8	5
34	Effects of Nicorandil on Aortic Input Impedance. Japanese Circulation Journal, 1999, 63, 111-116.	1.0	4
35	The stability of flow velocity and intracoronary resistance in the intracoronary electrocardiogram-triggered pressure ratio. Scientific Reports, 2021, 11, 13824.	1.6	4
36	Association Between Insulin Resistance, Oxidative Stress, Sympathetic Activity and Coronary Microvascular Function in Patients With Early Stage Impaired Glucose Metabolism. Circulation Journal, 2022, 86, 866-873.	0.7	4

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37	Insufficient recovery of fractional flow reserve even after optimal implantation of drug-eluting stents: 3-year outcomes from the FUJI study. Journal of Cardiology, 2021, 77, 532-538.	0.8	3
38	Clinical significance of coronary flow velocity measurement using transthoracic Doppler echocardiography for unstable angina: a two-case report. Journal of Echocardiography, 2011, 9, 36-38.	0.4	2
39	Diagnostic Performance and Pressure Stability of a Novel Myocardial Ischemic Diagnostic Indexã€€â€• The Intracoronary-Electrocardiogram-Triggered Distal Pressure/Aortic Pressure Ratio â€•. Circulation Reports, 2020, 2, 665-673.	0.4	2
40	Vascular age estimated by the second derivative of photoplethysmogram. The Journal of Japan Atherosclerosis Society, 1999, 26, 313-319.	0.0	2
41	Validity of noninvasive central aortic pressure measurement. Journal of Hypertension, 2019, 37, 2300-2301.	0.3	1
42	Long-Term Outcomes in Elderly Patients After Deferral of Coronary Revascularization Guided by Fractional Flow Reserve. Circulation Journal, 2022, , .	0.7	1
43	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, .	1.4	1
44	Fractional flow reserve for guidance in intervention of multiple sequential lesions. Journal of Cardiology Cases, 2012, 6, e183-e184.	0.2	0
45	An elderly patient with severe aortic stenosis and myocardial infarction with a huge mobile thrombus as complication in the left ventricle. Journal of Echocardiography, 2013, 11, 26-28.	0.4	0
46	Increase in the Arterial Velocity Pulse Index of Patients with Peripheral Artery Disease. Pulse, 2017, 5, 154-160.	0.9	0
47	Abstract 10980: Long-Term Clinical Outcomes of Continuous Statin Therapy in Patients with Deferral of Coronary Intervention Based on Fractional Flow Reserve. Circulation, 2021, 144, .	1.6	0