

# Nobuhiro Tanaka

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,479  
citations

471509

17  
h-index

315739

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. <i>Hypertension</i> , 1998, 32, 365-370.	2.7	439
2	Underestimation of Vasodilator Effects of Nitroglycerin by Upper Limb Blood Pressure. <i>Hypertension</i> , 1995, 26, 520-523.	2.7	144
3	Prognostic Implications of Plaque Characteristics and Stenosis Severity in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2413-2424.	2.8	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. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1437-1449.	2.9	111
5	Clinical implications of three-vessel fractional flow reserve measurement in patients with coronary artery disease. <i>European Heart Journal</i> , 2018, 39, 945-951.	2.2	68
6	Prognostic Implications of Relative Increase and Final Fractional Flow Reserve in Patients With Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2099-2109.	2.9	67
7	Prognostic Implication of Functional Incomplete Revascularization and Residual Functional SYNTAX Score in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 237-245.	2.9	51
8	CT Angiographic and Plaque Predictors of Functionally Significant Coronary Disease and Outcome Using Machine Learning. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 629-641.	5.3	46
9	Vessel fractional flow reserve (vFFR) for the assessment of stenosis severity: the FAST II study. <i>EuroIntervention</i> , 2022, 17, 1498-1505.	3.2	38
10	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , 2019, 73, 444-453.	2.8	35
11	Two-Year Outcomes After Deferral of Revascularization Based on Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008355.	3.9	32
12	Assessment of optimum stent deployment by stent boost imaging: comparison with intravascular ultrasound. <i>Heart and Vessels</i> , 2013, 28, 1-6.	1.2	26
13	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
14	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
15	Clinical use of physiological lesion assessment using pressure guidewires: an expert consensus document of the Japanese association of cardiovascular intervention and therapeutics update 2022. <i>Cardiovascular Intervention and Therapeutics</i> , 2022, 37, 425-439.	2.3	19
16	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
17	Seven-year clinical outcomes of patients with moderate coronary artery stenosis after deferral of revascularization based on gray-zone fractional flow reserve. <i>Cardiovascular Intervention and Therapeutics</i> , 2015, 30, 209-215.	2.3	17
18	Five-Year Outcomes After Fractional Flow Reserve-Based Deferral of Revascularization in Chronic Coronary Syndrome: Final Results From the J-CONFIRM Registry. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, CIRCINTERVENTIONS121011387.	3.9	17

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19	Severe obstructive sleep apnea increases left atrial volume independently of left ventricular diastolic impairment. <i>Sleep and Breathing</i> , 2015, 19, 1249-1255.	1.7	16
20	Drug-Eluting Stent vs Percutaneous Transluminal Angioplasty for Treatment of Femoropopliteal In-Stent Restenosis. <i>Journal of Endovascular Therapy</i> , 2016, 23, 642-647.	1.5	16
21	Characterization of real-world patients with low fractional flow reserve immediately after drug-eluting stents implantation. <i>Cardiovascular Intervention and Therapeutics</i> , 2016, 31, 29-37.	2.3	16
22	High-Risk Morphological and Physiological Coronary Disease Attributes as Outcome Markers After Medical Treatment and Revascularization. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1977-1989.	5.3	16
23	Clinical Outcomes of Deferred Lesions With Angiographically Insignificant Stenosis But Low Fractional Flow Reserve. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	14
24	Application of pressure-derived myocardial fractional flow reserve in chronic hemodialysis patients. <i>Journal of Cardiology</i> , 2018, 71, 52-58.	1.9	14
25	Analysis of suboptimal stent deployment using intravascular ultrasound and coronary pressure pullback measurement. <i>Journal of Cardiology</i> , 2017, 69, 613-618.	1.9	11
26	Coronary Flow-Pressure Relationship Distal to Epicardial Stenosis. <i>Circulation Journal</i> , 2003, 67, 525-529.	1.6	9
27	Decrease of Fractional Flow Reserve Shortly After Percutaneous Coronary Intervention. <i>Circulation Journal</i> , 2006, 70, 1327-1331.	1.6	9
28	Clinical Relevance of Functionally Insignificant Moderate Coronary Artery Stenosis Assessed by 3â€Vessel Fractional Flow Reserve Measurement. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	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. <i>Medical Devices: Evidence and Research</i> , 2015, 8, 467.	0.8	8
30	Association of moderate chronic kidney disease with insufficient improvement of fractional flow reserve after stent implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 88, E38-44.	1.7	6
31	An unusual case of traumatic aortic regurgitation. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 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€. <i>Hypertension</i> , 2019, 74, e34.	2.7	5
33	Prognostic impact of diabetes mellitus and index of microcirculatory resistance in patients undergoing fractional flow reserve-guided revascularization. <i>International Journal of Cardiology</i> , 2020, 307, 171-175.	1.7	5
34	Effects of Nicorandil on Aortic Input Impedance. <i>Japanese Circulation Journal</i> , 1999, 63, 111-116.	1.0	4
35	The stability of flow velocity and intracoronary resistance in the intracoronary electrocardiogram-triggered pressure ratio. <i>Scientific Reports</i> , 2021, 11, 13824.	3.3	4
36	Association Between Insulin Resistance, Oxidative Stress, Sympathetic Activity and Coronary Microvascular Function in Patients With Early Stage Impaired Glucose Metabolism. <i>Circulation Journal</i> , 2022, 86, 866-873.	1.6	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. <i>Journal of Cardiology</i> , 2021, 77, 532-538.	1.9	3
38	Clinical significance of coronary flow velocity measurement using transthoracic Doppler echocardiography for unstable angina: a two-case report. <i>Journal of Echocardiography</i> , 2011, 9, 36-38.	0.8	2
39	Diagnostic Performance and Pressure Stability of a Novel Myocardial Ischemic Diagnostic Index—The Intracoronary-Electrocardiogram-Triggered Distal Pressure/Aortic Pressure Ratio. <i>Circulation Reports</i> , 2020, 2, 665-673.	1.0	2
40	Vascular age estimated by the second derivative of photoplethysmogram. <i>The Journal of Japan Atherosclerosis Society</i> , 1999, 26, 313-319.	0.0	2
41	Validity of noninvasive central aortic pressure measurement. <i>Journal of Hypertension</i> , 2019, 37, 2300-2301.	0.5	1
42	Long-Term Outcomes in Elderly Patients After Deferral of Coronary Revascularization Guided by Fractional Flow Reserve. <i>Circulation Journal</i> , 2022, , .	1.6	1
43	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
44	Fractional flow reserve for guidance in intervention of multiple sequential lesions. <i>Journal of Cardiology Cases</i> , 2012, 6, e183-e184.	0.5	0
45	An elderly patient with severe aortic stenosis and myocardial infarction with a huge mobile thrombus as complication in the left ventricle. <i>Journal of Echocardiography</i> , 2013, 11, 26-28.	0.8	0
46	Increase in the Arterial Velocity Pulse Index of Patients with Peripheral Artery Disease. <i>Pulse</i> , 2017, 5, 154-160.	1.9	0
47	Abstract 10980: Long-Term Clinical Outcomes of Continuous Statin Therapy in Patients with Deferral of Coronary Intervention Based on Fractional Flow Reserve. <i>Circulation</i> , 2021, 144, .	1.6	0