

Tomofumi Takaya

List of Publications by Year in descending order

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56
papers

1,006
citations

471061

17
h-index

433756

31
g-index

58
all docs

58
docs citations

58
times ranked

1483
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin II type 1 receptor blocker telmisartan suppresses superoxide production and reduces atherosclerotic lesion formation in apolipoprotein E-deficient mice. <i>Atherosclerosis</i> , 2006, 186, 402-410.	0.4	110
2	A Specific Role for eNOS-Derived Reactive Oxygen Species in Atherosclerosis Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1632-1637.	1.1	79
3	Effect of Daily Glucose Fluctuation on Coronary Plaque Vulnerability in Patients Pre-Treated With Lipid-Lowering Therapy. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 800-811.	1.1	64
4	Local Overexpression of Toll-Like Receptors at the Vessel Wall Induces Atherosclerotic Lesion Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2384-2391.	1.1	62
5	Torsades de Pointes with QT prolongation related to donepezil use. <i>Journal of Cardiology</i> , 2009, 54, 507-511.	0.8	56
6	Augmentation of Vascular Remodeling by Uncoupled Endothelial Nitric Oxide Synthase in a Mouse Model of Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1068-1076.	1.1	50
7	Beneficial Effects of Exogenous Tetrahydrobiopterin on Left Ventricular Remodeling After Myocardial Infarction in Rats The Possible Role of Oxidative Stress Caused by Uncoupled Endothelial Nitric Oxide Synthase. <i>Circulation Journal</i> , 2008, 72, 1512-1519.	0.7	47
8	Plasma Tetrahydrobiopterin/Dihydrobiopterin Ratio A Possible Marker of Endothelial Dysfunction. <i>Circulation Journal</i> , 2009, 73, 955-962.	0.7	47
9	Atherosclerotic plaque imaging using phase-contrast X-ray computed tomography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1094-H1100.	1.5	46
10	Association between daily glucose fluctuation and coronary plaque properties in patients receiving adequate lipid-lowering therapy assessed by continuous glucose monitoring and optical coherence tomography. <i>Cardiovascular Diabetology</i> , 2015, 14, 78.	2.7	40
11	Effects of daily glucose fluctuations on the healing response to everolimus-eluting stent implantation as assessed using continuous glucose monitoring and optical coherence tomography. <i>Cardiovascular Diabetology</i> , 2016, 15, 79.	2.7	36
12	Qualitative and Quantitative Assessment of Stent Restenosis by Optical Coherence Tomography. <i>Circulation Journal</i> , 2013, 77, 652-660.	0.7	35
13	An X-Ray Diffraction Study on Mouse Cardiac Cross-Bridge Function In Vivo: Effects of Adrenergic β^2 -Stimulation. <i>Biophysical Journal</i> , 2006, 90, 1723-1728.	0.2	26
14	Clinical Structural Anatomy of the Inferior Pyramidal Space Reconstructed Within the Cardiac Contour Using Multidetectorâ€row Computed Tomography. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 705-712.	0.8	22
15	Clinical structural anatomy of the inferior pyramidal space reconstructed from the living heart: Threeâ€dimensional visualization using multidetectorâ€row computed tomography. <i>Clinical Anatomy</i> , 2015, 28, 878-887.	1.5	20
16	Three-dimensional quantification and visualization of aortic calcification by multidetector-row computed tomography: A simple approach using a volume-rendering method. <i>Atherosclerosis</i> , 2015, 239, 622-628.	0.4	19
17	The impact of serum trans fatty acids concentration on plaque vulnerability in patients with coronary artery disease: Assessment via optical coherence tomography. <i>Atherosclerosis</i> , 2017, 265, 312-317.	0.4	18
18	Favorable Vessel Healing After Nobori Biolimus A9-Eluting Stent Implantation. <i>Circulation Journal</i> , 2014, 78, 1882-1890.	0.7	17

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19	The association between wedging of the aorta and cardiac structural anatomy as revealed using multidetectorâ€row computed tomography. <i>Journal of Anatomy</i> , 2017, 231, 110-120.	0.9	17
20	Optimal angulations for obtaining an en face view of each coronary aortic sinus and the interventricular septum: Correlative anatomy around the left ventricular outflow tract. <i>Clinical Anatomy</i> , 2015, 28, 494-505.	1.5	16
21	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: Atrial septum and ventricular septum. <i>Clinical Anatomy</i> , 2016, 29, 342-352.	1.5	16
22	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: Left ventricular outflow tract. <i>Clinical Anatomy</i> , 2016, 29, 353-363.	1.5	15
23	Association between the rotation and threeâ€dimensional tortuosity of the proximal ascending aorta. <i>Clinical Anatomy</i> , 2014, 27, 1200-1211.	1.5	14
24	Serial Optical Coherence Tomography Evaluation at 6, 12, and 24 Months After Biolimus A9-Eluting Biodegradable Polymer-Coated Stent Implantation. <i>Canadian Journal of Cardiology</i> , 2015, 31, 980-988.	0.8	14
25	Single-Cell RNA Sequencing Reveals a Distinct Immune Landscape of Myeloid Cells in Coronary Culprit Plaques Causing Acute Coronary Syndrome. <i>Circulation</i> , 2022, 145, 1434-1436.	1.6	14
26	High perfusion pressure as a predictor of reperfusion pulmonary injury after balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension. <i>IJC Heart and Vasculature</i> , 2016, 11, 1-6.	0.6	12
27	Impact of cytochrome P450 2C19 loss-of-function polymorphism on intra-stent thrombi and lesion outcome after everolimus-eluting stent implantation compared to that after first-generation drug-eluting stent implantation. <i>International Journal of Cardiology</i> , 2015, 179, 476-483.	0.8	9
28	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: The arrangement and location of the cardiac valves. <i>Clinical Anatomy</i> , 2016, 29, 364-370.	1.5	9
29	Impact of residual platelet reactivity under clopidogrel treatment for lesions and the clinical outcome after drug-eluting stent implantation in patients with hemodialysis. <i>Journal of Cardiology</i> , 2016, 67, 531-537.	0.8	9
30	Xenogenic smooth muscle cell immunization reduces neointimal formation in balloon-injured rabbit carotid arteries. <i>Cardiovascular Research</i> , 2005, 68, 249-258.	1.8	8
31	The usefulness of transesophageal echocardiographic observation during chemotherapy for cardiac metastasis of non-Hodgkin lymphoma complicated with left ventricular diastolic collapse. <i>Journal of Cardiology</i> , 2009, 53, 447-452.	0.8	8
32	Analysis by Optical Coherence Tomography of Long-term Arterial Healing After Implantation of Different Types of Stents. <i>Canadian Journal of Cardiology</i> , 2014, 30, 904-911.	0.8	7
33	Bending of the aortic valvar leaflet causing severe aortic regurgitation in a patient with osteogenesis imperfecta. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 708-708.	0.5	7
34	Favorable early vessel healing after everolimus-eluting stent implantation: 3-, 6-, and 12-month follow-up of optical coherence tomography. <i>Journal of Cardiology</i> , 2018, 72, 193-199.	0.8	6
35	The impact of vildagliptin on the daily glucose profile and coronary plaque stability in impaired glucose tolerance patients with coronary artery disease: VOGUEâ€”A multicenter randomized controlled trial. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 92.	0.7	6
36	Morphological Plaque Characteristics and Clinical Outcomes in Patients With Acute Coronary Syndrome and a Cancer History. <i>Journal of the American Heart Association</i> , 2021, 10, e020243.	1.6	5

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37	Xenogenic macrophage immunization reduces atherosclerosis in apolipoprotein E knockout mice. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C865-C873.	2.1	4
38	Mitral regurgitation resulting from the consecutive multiple perforations by infective endocarditis mimicking the isolated anterior mitral cleft. <i>Journal of Cardiology</i> , 2008, 52, 159-162.	0.8	2
39	Reconstruction of an Extracardiac Aortocoronary Collateral and Simulation of Selective Angiography With Multidetector-Row Computed Tomography. <i>Circulation</i> , 2015, 131, e476-9.	1.6	2
40	Serum phosphate is an independent predictor of the total aortic calcification volume in non-hemodialysis patients undergoing cardiovascular surgery. <i>Journal of Cardiology</i> , 2016, 68, 308-315.	0.8	2
41	Acute Coronary and Cerebral Emboli From a Pedunculated Ascending Aorta Thrombus. <i>JACC: Case Reports</i> , 2021, 3, 1194-1199.	0.3	2
42	In-stent restenosis due to delayed healing of abluminal bioresorbable polymer everolimus-eluting stent: insight from histopathological evaluation with directional coronary atherectomy. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab370.	0.3	2
43	Utility of coronary orbital atherectomy with guideâ€extension system for distally located undilatable inâ€stent restenosis: A case report. <i>Clinical Case Reports (discontinued)</i> , 2022, 10, e05798.	0.2	2
44	Coronary Orbital Atherectomy at the Ostium of an Anomalous Right Coronary Artery. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2937-2939.	1.1	1
45	Novel strategy for ostial left anterior descending artery acute myocardial infarction: Combined treatment with directional coronary atherectomy followed by drugâ€coated balloon angioplasty. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, 1095-1100.	0.2	1
46	Comparison of the 9-Month Intrastent Condition and 30-Month Clinical Outcomes After Resolute Zotarolimus-Eluting Stent Implantation Between Standard-Duration and 1-Month Dual Antiplatelet Therapy Followed by Prasugrel Monotherapy. <i>Circulation Reports</i> , 2021, 3, 55-65.	0.4	1
47	Combined therapy with excimer laser coronary atherectomy and intracoronary thrombolysis for the management of massive thrombi in coronary aneurysms of post-Kawasaki disease myocardial infarction. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytac186.	0.3	1
48	Coronary artery bypass grafting for the occlusion of left main trunk and right coronary artery guided by computed tomographic angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 800-800.	0.5	0
49	Posterior Reversible Encephalopathy Syndrome. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, e73-e75.	1.1	0
50	Additional ablation effect of lowâ€speed rotational atherectomy following highâ€speed rotational atherectomy on early calcified inâ€stent restenosis: A case report. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04550.	0.2	0
51	Main pulmonary artery compression by a giant aneurysm associated with a coronary-pulmonary artery fistula. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e162-e162.	0.5	0
52	A large iatrogenic tearing of atrial septal defect after MitraClip implantation: a rare and cautionary complication during transcatheter edge-to-edge mitral valve repair. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytac119.	0.3	0
53	Newly developed spontaneous echocardiographic contrast as a potential marker of intracardiac thrombus formation after a transcatheter edge-to-edge mitral valve repair. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytac146.	0.3	0
54	Dark crescent sign: high-risk calcified coronary plaque detected by electrocardiogram-gated non-contrast computed tomography. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytab519.	0.3	0

#	ARTICLE	IF	CITATIONS
55	ViperSlide-Induced Anaphylaxis. JACC: Cardiovascular Interventions, 2022, 15, e117-e118.	1.1	0
56	Histopathological findings of late-phase restenosis after directional coronary atherectomy with drug-coated balloon angioplasty: a case report. European Heart Journal - Case Reports, 2022, 6, .	0.3	0