Tatsuya Nishii

List of Publications by Year
in descending order

70	583	623734	752698
papers	citations	14 h-index	20 g-index

70	70	70	739
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dualâ€energy computed tomography for nonâ€invasive staging of liver fibrosis: Accuracy of iodine density measurements from contrastâ€enhanced data. Hepatology Research, 2018, 48, 1008-1019.	3.4	45
2	Cardiovascular magnetic resonance T2 mapping can detect myocardial edema in idiopathic dilated cardiomyopathy. International Journal of Cardiovascular Imaging, 2014, 30, 65-72.	1.5	35
3	Relationship between the membranous septum and the virtual basal ring of the aortic root in candidates for transcatheter implantation of the aortic valve. Clinical Anatomy, 2018, 31, 525-534.	2.7	27
4	Relationship between cardiac calcification and left ventricular hypertrophy in patients with chronic kidney disease at hemodialysis initiation. Heart and Vessels, 2017, 32, 1109-1116.	1.2	26
5	The lesion characteristics assessed by <scp>LGE</scp>â€<scp>MRI</scp> after the cryoballoon ablation and conventional radiofrequency ablation. Journal of Arrhythmia, 2018, 34, 158-166.	1.2	25
6	Clinical Structural Anatomy of the Inferior Pyramidal Space Reconstructed Within the Cardiac Contour Using Multidetectorâ€Row Computed Tomography. Journal of Cardiovascular Electrophysiology, 2015, 26, 705-712.	1.7	22
7	Effects of Lanthanum Carbonate on Coronary Artery Calcification and Cardiac Abnormalities After Initiating Hemodialysis. Calcified Tissue International, 2018, 102, 310-320.	3.1	22
8	The differences between bisecting and offâ€center cuts of the aortic root: The threeâ€dimensional anatomy of the aortic root reconstructed from the living heart. Echocardiography, 2017, 34, 453-461.	0.9	21
9	Clinical structural anatomy of the inferior pyramidal space reconstructed from the living heart: Threeâ€dimensional visualization using multidetectorâ€row computed tomography. Clinical Anatomy, 2015, 28, 878-887.	2.7	20
10	Three-dimensional quantification and visualization of aortic calcification by multidetector-row computed tomography: A simple approach using a volume-rendering method. Atherosclerosis, 2015, 239, 622-628.	0.8	19
11	The association between wedging of the aorta and cardiac structural anatomy as revealed using multidetectorâ€row computed tomography. Journal of Anatomy, 2017, 231, 110-120.	1.5	17
12	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. Clinical Anatomy, 2015, 28, 494-505.	2.7	16
13	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: Atrial septum and ventricular septum. Clinical Anatomy, 2016, 29, 342-352.	2.7	16
14	Virtual Dissection: Emerging as the Gold Standard of Analyzing Living Heart Anatomy. Journal of Cardiovascular Development and Disease, 2020, 7, 30.	1.6	16
15	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: Left ventricular outflow tract. Clinical Anatomy, 2016, 29, 353-363.	2.7	15
16	Advantages of 70-kV CT Angiography for the Visualization of the Adamkiewicz Artery: Comparison with 120-kV Imaging. American Journal of Neuroradiology, 2017, 38, 2399-2405.	2.4	15
17	Association between the rotation and threeâ€dimensional tortuosity of the proximal ascending aorta. Clinical Anatomy, 2014, 27, 1200-1211.	2.7	14
18	Cardiovascular magnetic resonance tagging imaging correlates with myocardial dysfunction and T2 mapping in idiopathic dilated cardiomyopathy. International Journal of Cardiovascular Imaging, 2014, 30, 145-152.	1.5	11

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19	Isomerism in the setting of the so-called â€œheterotaxyâ€: The usefulness of computed tomographic analysis. Annals of Pediatric Cardiology, 2017, 10, 175.	0.5	11
20	Mechanical Thrombectomy Up to 24ÂHours in Large Vessel Occlusions and Infarct Velocity Assessment. Journal of the American Heart Association, 2021, 10, e022880.	3.7	11
21	The feasibility of a 64-slice MDCT for detection of the Adamkiewicz artery: comparison of the detection rate of intravenous injection CT angiography using a 64-slice MDCT versus intra-arterial and intravenous injection CT angiography using a 16-slice MDCT. International Journal of Cardiovascular Imaging, 2013, 29, 127-133.	1.5	10
22	Paired Inspiratory/Expiratory Volumetric CT and Deformable Image Registration for Quantitative and Qualitative Evaluation of Airflow Limitation in Smokers with or without COPD. Academic Radiology, 2015, 22, 330-336.	2.5	10
23	Deep Learningâ€“based Post Hoc CT Denoising for Myocardial Delayed Enhancement. Radiology, 2022, 305, 82-91.	7.3	10
24	Bone-Subtracted Spinal CT Angiography Using Nonrigid Registration for Better Visualization of Arterial Feeders in Spinal Arteriovenous Fistulas. American Journal of Neuroradiology, 2015, 36, 2400-2406.	2.4	9
25	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetectorâ€row computed tomography: The arrangement and location of the cardiac valves. Clinical Anatomy, 2016, 29, 364-370.	2.7	9
26	<scp>D</scp>iversity and <scp>D</scp>eterminants of the <scp>T</scp>hreeâ€dimensional <scp>A</scp>natomical <scp>A</scp>xis of the <scp>H</scp>eart as <scp>R</scp>evealed <scp>U</scp>sing <scp>M</scp>ultidetectorâ€row <scp>C</scp>omputed <scp>T</scp>omography. Anatomical Record, 2017, 300, 1083-1092.	1.4	9
27	Filtered back projection revisited in low-kilovolt computed tomography angiography: sharp filter kernel enhances visualization of the artery of Adamkiewicz. Neuroradiology, 2019, 61, 305-311.	2.2	9
28	Dynamic Blood Oxygen Level-dependent MR Imaging of Muscle: Comparison of Postocclusive Reactive Hyperemia in Young Smokers and Nonsmokers. Magnetic Resonance in Medical Sciences, 2015, 14, 275-283.	2.0	8
29	Compression of the Right Ventricular Outflow Tract due to Straight Back Syndrome Clarified by Low-dose Dual-source Computed Tomography. Internal Medicine, 2016, 55, 3279-3283.	0.7	7
30	Bending of the aortic valvar leaflet causing severe aortic regurgitation in a patient with osteogenesis imperfecta. European Heart Journal Cardiovascular Imaging, 2016, 17, 708-708.	1.2	7
31	Demonstration of living anatomy clarifies the morphology of interatrial communications. Heart, 2018, 104, 2003-2009.	2.9	7
32	The feasibility and limitation of coronary computed tomographic angiography imaging to identify coronary lipid-rich atheroma in vivo: Findings from near-infrared spectroscopy analysis. Atherosclerosis, 2021, 322, 1-7.	0.8	7
33	Bone marrow magnetic resonance imaging of the clivus in pediatric leukemia patients and normal controls. Japanese Journal of Radiology, 2015, 33, 146-152.	2.4	6
34	Tailored Duration of Contrast Material Injection in High-Pitch Computed Tomographic Aortography With a Double-Level Test Bolus Method. Investigative Radiology, 2017, 52, 274-280.	6.2	5
35	A Real-World Clinical Implementation of Automated Processing Using Intelligent Work Aid for Rapid Reformation at the Orbitomeatal Line in Head Computed Tomography. Investigative Radiology, 2021, 56, 599-604.	6.2	5
36	Four-dimensional noise reduction using the time series of medical computed tomography datasets with short interval times: a static-phantom study. PeerJ, 2016, 4, e1680.	2.0	5

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37	Slitâ€Like Deformation of the Coronary Sinus Orifice due to Compression of the Inferior Pyramidal Space by the Severely Dilated Left Ventricle. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 1026-1029.	1.2	4
38	Anatomical dilatation of the superior vena cava associated with an arrhythmogenic response induced by SVC scan pacing after atrial fibrillation ablation. Journal of Arrhythmia, 2017, 33, 177-184.	1.2	4
39	The details of an unusual â€œghostâ€•after transvenous lead extraction: Threeâ€dimensional computed tomography analysis. Journal of Arrhythmia, 2017, 33, 640-642.	1.2	4
40	Generative adversarial network-based post-processed image super-resolution technology for accelerating brain MRI: comparison with compressed sensing. Acta Radiologica, 2023, 64, 336-345.	1.1	4
41	A Comparison of Quantitative T2 Mapping on Cardiovascular Magnetic Resonance Imaging with Metaiodobenzylguanidine Scintigraphy and Left Ventricular Functional Recovery in Dilated Cardiomyopathy: A Retrospective Pilot Study. Internal Medicine, 2015, 54, 2121-2128.	0.7	3
42	Homogenous and Continuous Lesion Formation With Cryoballoon Ablation: Delayedâ€Enhancement Magnetic Resonance Imaging Analysis. Journal of Cardiovascular Electrophysiology, 2016, 27, 1234-1235.	1.7	3
43	Characteristics of Residual Atrial Posterior Wall and Roofâ€Dependent Atrial Tachycardias after Pulmonary Vein Isolation. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 1090-1098.	1.2	3
44	Optimal image reconstruction using multidetectorâ€row computed tomography to facilitate cardiac resynchronization therapy. Echocardiography, 2017, 34, 1073-1076.	0.9	3
45	Focal Myocardial Damage in Cardiac Sarcoidosis Characterized by Strain Analysis on Magnetic Resonance Tagged Imaging in Comparison with Fluorodeoxyglucose Positron Emission Tomography Accumulation and Magnetic Resonance Late Gadolinium Enhancement. Journal of Computer Assisted Tomography, 2018, 42, 607-613.	0.9	3
46	Multimodality imaging and threeâ€dimensional printed model in patients with left ventricular outflow tract obstruction. ESC Heart Failure, 2020, 7, 321-325.	3.1	3
47	Reconstruction of an Extracardiac Aortocoronary Collateral and Simulation of Selective Angiography With Multidetector-Row Computed Tomography. Circulation, 2015, 131, e476-9.	1.6	2
48	Serum phosphate is an independent predictor of the total aortic calcification volume in non-hemodialysis patients undergoing cardiovascular surgery. Journal of Cardiology, 2016, 68, 308-315.	1.9	2
49	An Isolated Case of Late-onset Amyloidogenic Transthyretin Type Familial Amyloid Polyneuropathy Associated with a Mutant Transthyretin Substituting Methionine for Valine at Position 30 Showing Latent Progressive Cardiac Involvement Confirmed by Serial Annual Electrocardiograms. Internal Medicine, 2017, 56, 163-168.	0.7	2
50	Platypnea-Orthodeoxia Syndrome Due to Atrial Septal Defect and Combined Thoracic Deformities in a Young Woman. Circulation Journal, 2019, 83, 1080.	1.6	2
51	CT angiography with 15 mL contrast material injection on time-resolved imaging for endovascular abdominal aortic aneurysm repair. European Journal of Radiology, 2020, 126, 108861.	2.6	2
52	Evaluation of aortic calcification using a three-dimensional volume-rendering method in patients with end-stage kidney disease. Journal of Bone and Mineral Metabolism, 2021, 39, 439-445.	2.7	2
53	Tumor segmentation on FDG-PET: usefulness of locally connected conditional random fields. , 2015, , .		1
54	Evaluation of blood volume by use of blood oxygen level-dependent magnetic resonance imaging in a cuff-compression model: usefulness of calculated echo time image. Japanese Journal of Radiology, 2015, 33, 441-447.	2.4	1

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55	A rare case of double-chambered right ventricle apparent on the compression by both pectus excavatum and straight back syndrome. European Heart Journal Cardiovascular Imaging, 2016, 17, 706-706.	1.2	1
56	Spontaneous coronary artery intramural hematoma in a patient with vascular Ehlers-Danlos syndrome: Serial findings in coronary computed tomographic angiography. Journal of Cardiovascular Computed Tomography, 2017, 11, 324-326.	1.3	1
57	Extracardiac compression of the inferolateral branch of the coronary vein by the descending aorta in a patient with dilated cardiomyopathy. Journal of Arrhythmia, 2017, 33, 646-648.	1.2	1
58	Cardiac apical swinging detected by computed tomography. Echocardiography, 2017, 34, 1950-1952.	0.9	1
59	Giant Coronary Arterial Aneurysm of the Proximal Left Anterior Descending Artery as the Cause of Wide Splitting of the Second Heart Sound. Internal Medicine, 2018, 57, 1111-1114.	0.7	1
60	Very Large Patent Ductus Arteriosus With Severe Pulmonary Arterial Hypertension. Circulation Journal, 2019, 83, 2325.	1.6	1
61	Pace-and-Ablate Technique for Atrial Tachycardia Originating From the Left Atrial Appendage. Circulation Journal, 2020, 84, 1046.	1.6	1
62	Left coronary ostial stenosis developing 15 months after transcatheter aortic valve replacement with balloon-expandable valve. Journal of Cardiology Cases, 2021, 25, 1453.	0.5	1
63	Use of Coils and a Pulmonary Vasodilator to Reduce Pulmonary Hypertension in a Patient with Interstitial Pneumonia and Scleroderma. Internal Medicine, 2015, 54, 2721-2726.	0.7	0
64	Pulmonary artery domain region extraction from MDCT image. International Journal of Applied Electromagnetics and Mechanics, 2016, 52, 479-486.	0.6	0
65	Serial images of an enlarging asymptomatic pulmonary venous aneurysm. Journal of Cardiovascular Computed Tomography, 2017, 11, 499-500.	1.3	0
66	The inferior displacement of the His bundle and fast pathway in a patient with common type atrioventricular nodal tachycardia: Threeâ€dimensional computed tomography analysis. Journal of Arrhythmia, 2017, 33, 147-149.	1.2	0
67	Reversed Riveroâ€Carvallo's sign confirmed by blood flow analysis using cardiac magnetic resonance imaging in a patient with straight back syndrome. Echocardiography, 2017, 34, 1721-1724.	0.9	0
68	Dominant Spinal Feeder Through Arterial â€œBasketâ€•of Conus Medullaris. Annals of Thoracic Surgery, 2018, 106, e207.	1.3	0
69	Small right ventricular diverticulum mimicking coronary aneurysm. European Heart Journal Cardiovascular Imaging, 2018, 19, 1193-1193.	1.2	0
70	Stereogram of the Living Heart, Lung, and Adjacent Structures. Tomography, 2022, 8, 824-841.	1.8	0