

Tatsuya Nishii

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

583
citations

623734

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752698

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70
all docs

70
docs citations

70
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Generative adversarial network-based post-processed image super-resolution technology for accelerating brain MRI: comparison with compressed sensing. <i>Acta Radiologica</i> , 2023, 64, 336-345.	1.1	4
2	Stereogram of the Living Heart, Lung, and Adjacent Structures. <i>Tomography</i> , 2022, 8, 824-841.	1.8	0
3	Deep Learning-based Post Hoc CT Denoising for Myocardial Delayed Enhancement. <i>Radiology</i> , 2022, 305, 82-91.	7.3	10
4	Evaluation of aortic calcification using a three-dimensional volume-rendering method in patients with end-stage kidney disease. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 439-445.	2.7	2
5	A Real-World Clinical Implementation of Automated Processing Using Intelligent Work Aid for Rapid Reformation at the Orbitomeatal Line in Head Computed Tomography. <i>Investigative Radiology</i> , 2021, 56, 599-604.	6.2	5
6	The feasibility and limitation of coronary computed tomographic angiography imaging to identify coronary lipid-rich atheroma in vivo: Findings from near-infrared spectroscopy analysis. <i>Atherosclerosis</i> , 2021, 322, 1-7.	0.8	7
7	Left coronary ostial stenosis developing 15 months after transcatheter aortic valve replacement with balloon-expandable valve. <i>Journal of Cardiology Cases</i> , 2021, 25, 1453.	0.5	1
8	Mechanical Thrombectomy Up to 24 Hours in Large Vessel Occlusions and Infarct Velocity Assessment. <i>Journal of the American Heart Association</i> , 2021, 10, e022880.	3.7	11
9	Multimodality imaging and three-dimensional printed model in patients with left ventricular outflow tract obstruction. <i>ESC Heart Failure</i> , 2020, 7, 321-325.	3.1	3
10	Virtual Dissection: Emerging as the Gold Standard of Analyzing Living Heart Anatomy. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 30.	1.6	16
11	Pace-and-Ablate Technique for Atrial Tachycardia Originating From the Left Atrial Appendage. <i>Circulation Journal</i> , 2020, 84, 1046.	1.6	1
12	CT angiography with 15 mL contrast material injection on time-resolved imaging for endovascular abdominal aortic aneurysm repair. <i>European Journal of Radiology</i> , 2020, 126, 108861.	2.6	2
13	Very Large Patent Ductus Arteriosus With Severe Pulmonary Arterial Hypertension. <i>Circulation Journal</i> , 2019, 83, 2325.	1.6	1
14	Filtered back projection revisited in low-kilovolt computed tomography angiography: sharp filter kernel enhances visualization of the artery of Adamkiewicz. <i>Neuroradiology</i> , 2019, 61, 305-311.	2.2	9
15	Platypnea-Orthodeoxia Syndrome Due to Atrial Septal Defect and Combined Thoracic Deformities in a Young Woman. <i>Circulation Journal</i> , 2019, 83, 1080.	1.6	2
16	Relationship between the membranous septum and the virtual basal ring of the aortic root in candidates for transcatheter implantation of the aortic valve. <i>Clinical Anatomy</i> , 2018, 31, 525-534.	2.7	27
17	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. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 607-613.	0.9	3
18	The lesion characteristics assessed by LGE-MRI after the cryoballoon ablation and conventional radiofrequency ablation. <i>Journal of Arrhythmia</i> , 2018, 34, 158-166.	1.2	25

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19	Effects of Lanthanum Carbonate on Coronary Artery Calcification and Cardiac Abnormalities After Initiating Hemodialysis. <i>Calcified Tissue International</i> , 2018, 102, 310-320.	3.1	22
20	Dominant Spinal Feeder Through Arterial "Basket" of Conus Medullaris. <i>Annals of Thoracic Surgery</i> , 2018, 106, e207.	1.3	0
21	Demonstration of living anatomy clarifies the morphology of interatrial communications. <i>Heart</i> , 2018, 104, 2003-2009.	2.9	7
22	Giant Coronary Arterial Aneurysm of the Proximal Left Anterior Descending Artery as the Cause of Wide Splitting of the Second Heart Sound. <i>Internal Medicine</i> , 2018, 57, 1111-1114.	0.7	1
23	Dual-energy computed tomography for non-invasive staging of liver fibrosis: Accuracy of iodine density measurements from contrast-enhanced data. <i>Hepatology Research</i> , 2018, 48, 1008-1019.	3.4	45
24	Small right ventricular diverticulum mimicking coronary aneurysm. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1193-1193.	1.2	0
25	Anatomical dilatation of the superior vena cava associated with an arrhythmogenic response induced by SVC scan pacing after atrial fibrillation ablation. <i>Journal of Arrhythmia</i> , 2017, 33, 177-184.	1.2	4
26	The differences between bisecting and off-center cuts of the aortic root: The three-dimensional anatomy of the aortic root reconstructed from the living heart. <i>Echocardiography</i> , 2017, 34, 453-461.	0.9	21
27	The association between wedging of the aorta and cardiac structural anatomy as revealed using multidetector-row computed tomography. <i>Journal of Anatomy</i> , 2017, 231, 110-120.	1.5	17
28	Tailored Duration of Contrast Material Injection in High-Pitch Computed Tomographic Aortography With a Double-Level Test Bolus Method. <i>Investigative Radiology</i> , 2017, 52, 274-280.	6.2	5
29	Relationship between cardiac calcification and left ventricular hypertrophy in patients with chronic kidney disease at hemodialysis initiation. <i>Heart and Vessels</i> , 2017, 32, 1109-1116.	1.2	26
30	Spontaneous coronary artery intramural hematoma in a patient with vascular Ehlers-Danlos syndrome: Serial findings in coronary computed tomographic angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 324-326.	1.3	1
31	Diversity and Determinants of the Three-dimensional Anatomical Axis of the Heart as Revealed Using Multidetector-row Computed Tomography. <i>Anatomical Record</i> , 2017, 300, 1083-1092.	1.4	9
32	The details of an unusual "ghost" after transvenous lead extraction: Three-dimensional computed tomography analysis. <i>Journal of Arrhythmia</i> , 2017, 33, 640-642.	1.2	4
33	Extracardiac compression of the inferolateral branch of the coronary vein by the descending aorta in a patient with dilated cardiomyopathy. <i>Journal of Arrhythmia</i> , 2017, 33, 646-648.	1.2	1
34	Serial images of an enlarging asymptomatic pulmonary venous aneurysm. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 499-500.	1.3	0
35	Advantages of 70-kV CT Angiography for the Visualization of the Adamkiewicz Artery: Comparison with 120-kV Imaging. <i>American Journal of Neuroradiology</i> , 2017, 38, 2399-2405.	2.4	15
36	The inferior displacement of the His bundle and fast pathway in a patient with common type atrioventricular nodal tachycardia: Three-dimensional computed tomography analysis. <i>Journal of Arrhythmia</i> , 2017, 33, 147-149.	1.2	0

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37	Optimal image reconstruction using multidetectorâ€row computed tomography to facilitate cardiac resynchronization therapy. <i>Echocardiography</i> , 2017, 34, 1073-1076.	0.9	3
38	Cardiac apical swinging detected by computed tomography. <i>Echocardiography</i> , 2017, 34, 1950-1952.	0.9	1
39	Reversed Rivoâ€Carvalho's sign confirmed by blood flow analysis using cardiac magnetic resonance imaging in a patient with straight back syndrome. <i>Echocardiography</i> , 2017, 34, 1721-1724.	0.9	0
40	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. <i>Internal Medicine</i> , 2017, 56, 163-168.	0.7	2
41	Isomerism in the setting of the so-called â€œheterotaxyâ€ The usefulness of computed tomographic analysis. <i>Annals of Pediatric Cardiology</i> , 2017, 10, 175.	0.5	11
42	Pulmonary artery domain region extraction from MDCT image. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016, 52, 479-486.	0.6	0
43	Homogenous and Continuous Lesion Formation With Cryoballoon Ablation: Delayedâ€Enhancement Magnetic Resonance Imaging Analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 1234-1235.	1.7	3
44	Slitâ€Like Deformation of the Coronary Sinus Orifice due to Compression of the Inferior Pyramidal Space by the Severely Dilated Left Ventricle. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 1026-1029.	1.2	4
45	Compression of the Right Ventricular Outflow Tract due to Straight Back Syndrome Clarified by Low-dose Dual-source Computed Tomography. <i>Internal Medicine</i> , 2016, 55, 3279-3283.	0.7	7
46	Characteristics of Residual Atrial Posterior Wall and Roofâ€Dependent Atrial Tachycardias after Pulmonary Vein Isolation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 1090-1098.	1.2	3
47	A rare case of double-chambered right ventricle apparent on the compression by both pectus excavatum and straight back syndrome. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 706-706.	1.2	1
48	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.	1.2	7
49	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.	2.7	16
50	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.	2.7	15
51	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.	2.7	9
52	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.	1.9	2
53	Four-dimensional noise reduction using the time series of medical computed tomography datasets with short interval times: a static-phantom study. <i>PeerJ</i> , 2016, 4, e1680.	2.0	5
54	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. <i>Internal Medicine</i> , 2015, 54, 2121-2128.	0.7	3

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55	Use of Coils and a Pulmonary Vasodilator to Reduce Pulmonary Hypertension in a Patient with Interstitial Pneumonia and Scleroderma. <i>Internal Medicine</i> , 2015, 54, 2721-2726.	0.7	0
56	Clinical structural anatomy of the inferior pyramidal space reconstructed from the living heart: Three-dimensional visualization using multidetector-row computed tomography. <i>Clinical Anatomy</i> , 2015, 28, 878-887.	2.7	20
57	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.	2.7	16
58	Dynamic Blood Oxygen Level-dependent MR Imaging of Muscle: Comparison of Postocclusive Reactive Hyperemia in Young Smokers and Nonsmokers. <i>Magnetic Resonance in Medical Sciences</i> , 2015, 14, 275-283.	2.0	8
59	Tumor segmentation on FDG-PET: usefulness of locally connected conditional random fields. , 2015, , .		1
60	Bone marrow magnetic resonance imaging of the clivus in pediatric leukemia patients and normal controls. <i>Japanese Journal of Radiology</i> , 2015, 33, 146-152.	2.4	6
61	Paired Inspiratory/Expiratory Volumetric CT and Deformable Image Registration for Quantitative and Qualitative Evaluation of Airflow Limitation in Smokers with or without COPD. <i>Academic Radiology</i> , 2015, 22, 330-336.	2.5	10
62	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.	0.8	19
63	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
64	Clinical Structural Anatomy of the Inferior Pyramidal Space Reconstructed Within the Cardiac Contour Using Multidetector-Row Computed Tomography. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 705-712.	1.7	22
65	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. <i>Japanese Journal of Radiology</i> , 2015, 33, 441-447.	2.4	1
66	Bone-Subtracted Spinal CT Angiography Using Nonrigid Registration for Better Visualization of Arterial Feeders in Spinal Arteriovenous Fistulas. <i>American Journal of Neuroradiology</i> , 2015, 36, 2400-2406.	2.4	9
67	Cardiovascular magnetic resonance tagging imaging correlates with myocardial dysfunction and T2 mapping in idiopathic dilated cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 145-152.	1.5	11
68	Association between the rotation and three-dimensional tortuosity of the proximal ascending aorta. <i>Clinical Anatomy</i> , 2014, 27, 1200-1211.	2.7	14
69	Cardiovascular magnetic resonance T2 mapping can detect myocardial edema in idiopathic dilated cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 65-72.	1.5	35
70	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. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 127-133.	1.5	10