

Atsushi K Kono

List of Publications by Year in descending order

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90
papers

2,224
citations

346980

22
h-index

263392

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91
docs citations

91
times ranked

3320
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity and determinants of the sigmoid septum and its impact on morphology of the outflow tract as revealed using cardiac computed tomography. <i>Echocardiography</i> , 2022, 39, 248-259.	0.3	4
2	The impact of the atrial wall thickness in normal/mild late-contrast gadolinium enhancement areas on atrial fibrillation rotors in persistent atrial fibrillation patients. <i>Journal of Arrhythmia</i> , 2022, 38, 221-231.	0.5	3
3	Voxel-based analysis of age and gender effects on striatal [123I] FP-CIT binding in healthy Japanese adults. <i>Annals of Nuclear Medicine</i> , 2022, 36, 460-467.	1.2	2
4	Efficacy of myocardial washout of 99mTc-MIBI/Tetrofosmin for the evaluation of inflammation in patients with cardiac sarcoidosis: comparison with 18F-fluorodeoxyglucose positron emission tomography findings. <i>Annals of Nuclear Medicine</i> , 2022, 36, 544-552.	1.2	2
5	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.	1.3	2
6	Feasibility of morphological assessment of coronary artery calcification with electrocardiography-gated non-contrast computed tomography: a comparative study with optical coherence tomography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1445-1453.	0.7	5
7	Evaluation of microvasculopathy using dual-energy computed tomography in patients with chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2021, 11, 1-9.	0.8	10
8	Late-contrast gadolinium enhancement properties associated with atrial fibrillation rotors in patients with persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1005-1013.	0.8	10
9	Feasibility of catheter ablation in patients with persistent atrial fibrillation guided by fragmented late-contrast gadolinium enhancement areas. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1014-1023.	0.8	4
10	Physiological skin FDG uptake: A quantitative and regional distribution assessment using PET/MRI. <i>PLoS ONE</i> , 2021, 16, e0249304.	1.1	1
11	Prevalence and extent of mitral annular disjunction in structurally normal hearts: comprehensive 3D analysis using cardiac computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 614-622.	0.5	55
12	Deep learning model for predicting gestational age after the first trimester using fetal MRI. <i>European Radiology</i> , 2021, 31, 3775-3782.	2.3	22
13	Normative Aortic Valvar Measurements in Adults Using Cardiac Computed Tomography—A Potential Guide to Further Sophisticate Aortic Valve-Sparing Surgery. <i>Circulation Journal</i> , 2021, 85, 1059-1067.	0.7	16
14	Varied Extent of Mitral Annular Disjunction Among Cases With Different Phenotypes of Mitral Valve Prolapse. <i>JACC: Case Reports</i> , 2021, 3, 1251-1257.	0.3	3
15	Prognostic Impact of Myocardial Extracellular Volume Fraction Assessment Using Dual-energy Computed Tomography in Patients Treated With Aortic Valve Replacement for Severe Aortic Stenosis. <i>Journal of the American Heart Association</i> , 2021, 10, e020655.	1.6	19
16	The impact of computed tomography-derived aortic atheroma volume on prognosis after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2021, 344, 60-65.	0.8	0
17	Does Endovascular Abdominal Aortic Repair Change Psoas Muscle Volume?. <i>Annals of Vascular Surgery</i> , 2020, 63, 162-169.	0.4	2
18	Diagnostic accuracy of deep-learning with anomaly detection for a small amount of imbalanced data: discriminating malignant parotid tumors in MRI. <i>Scientific Reports</i> , 2020, 10, 19388.	1.6	26

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19	Simulation Study of Low-Dose Sparse-Sampling CT with Deep Learning-Based Reconstruction: Usefulness for Evaluation of Ovarian Cancer Metastasis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4446.	1.3	14
20	Revisiting the prevalence and diversity of localized thinning of the left ventricular apex. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 915-920.	0.8	3
21	Three-dimensional assessment of coronary high-intensity plaques with T1-weighted cardiovascular magnetic resonance imaging to predict periprocedural myocardial injury after elective percutaneous coronary intervention. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 5.	1.6	8
22	Clinical impact of native T1 mapping for detecting myocardial impairment in takotsubo cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1147-1155.	0.5	22
23	Massive Biventricular Myocardial Calcification in a Patient with Fulminant Myocarditis Requiring Ventricular Assist Device Support. <i>Internal Medicine</i> , 2019, 58, 1283-1286.	0.3	8
24	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.	1.1	9
25	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.	0.5	3
26	Japanese multicenter database of healthy controls for [123I]FP-CIT SPECT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1405-1416.	3.3	80
27	Effects of Lanthanum Carbonate on Coronary Artery Calcification and Cardiac Abnormalities After Initiating Hemodialysis. <i>Calcified Tissue International</i> , 2018, 102, 310-320.	1.5	22
28	Dominant Spinal Feeder Through Arterial "Basket" of Conus Medullaris. <i>Annals of Thoracic Surgery</i> , 2018, 106, e207.	0.7	0
29	Integrating CT Myocardial Perfusion and CT-FFR in the Work-Up of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 760-770.	2.3	130
30	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.	0.3	21
31	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.	0.9	17
32	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.	3.5	5
33	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.	0.5	26
34	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.	0.7	1
35	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.	0.8	9
36	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.	1.2	15

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37	Application of dual-energy CT to suppression of metal artefact caused by pedicle screw fixation in radiotherapy: a feasibility study using original phantom. <i>Physics in Medicine and Biology</i> , 2017, 62, 6226-6245.	1.6	5
38	Diagnostic value of transmural perfusion ratio derived from dynamic CT-based myocardial perfusion imaging for the detection of haemodynamically relevant coronary artery stenosis. <i>European Radiology</i> , 2017, 27, 2309-2316.	2.3	33
39	Heart failure diagnosis for tagged magnetic resonance images. , 2017, , .		2
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.	0.3	2
41	Pulmonary artery domain region extraction from MDCT image. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016, 52, 479-486.	0.3	0
42	Slit-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.	0.5	4
43	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.	0.3	7
44	Characteristics of Residual Atrial Posterior Wall and Roof-dependent Atrial Tachycardias after Pulmonary Vein Isolation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 1090-1098.	0.5	3
45	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetector-row computed tomography: Atrial septum and ventricular septum. <i>Clinical Anatomy</i> , 2016, 29, 342-352.	1.5	16
46	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetector-row computed tomography: Left ventricular outflow tract. <i>Clinical Anatomy</i> , 2016, 29, 353-363.	1.5	15
47	Clinical cardiac structural anatomy reconstructed within the cardiac contour using multidetector-row computed tomography: The arrangement and location of the cardiac valves. <i>Clinical Anatomy</i> , 2016, 29, 364-370.	1.5	9
48	Coronary CT angiography derived fractional flow reserve: Methodology and evaluation of a point of care algorithm. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 105-113.	0.7	50
49	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
50	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.	0.9	5
51	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.	0.3	3
52	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.	0.3	0
53	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.	1.5	20
54	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

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55	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.	1.1	8
56	Tumor segmentation on FDG-PET: usefulness of locally connected conditional random fields. , 2015, , .		1
57	Quantification of the myocardial area at risk using coronary CT angiography and Voronoi algorithm-based myocardial segmentation. <i>European Radiology</i> , 2015, 25, 49-57.	2.3	56
58	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.	1.0	6
59	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
60	Fractional Flow Reserve Computed from Noninvasive CT Angiography Data: Diagnostic Performance of an On-Site Clinician-operated Computational Fluid Dynamics Algorithm. <i>Radiology</i> , 2015, 274, 674-683.	3.6	218
61	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
62	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
63	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.	1.0	1
64	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.	0.7	11
65	Association between the rotation and threeâ€dimensional tortuosity of the proximal ascending aorta. <i>Clinical Anatomy</i> , 2014, 27, 1200-1211.	1.5	14
66	Relative Myocardial Blood Flow by Dynamic Computed Tomographic Perfusion Imaging Predicts Hemodynamic Significance of Coronary Stenosis Better Than Absolute Blood Flow. <i>Investigative Radiology</i> , 2014, 49, 801-807.	3.5	59
67	Cardiovascular magnetic resonance T2 mapping can detect myocardial edema in idiopathic dilated cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 65-72.	0.7	35
68	Corrigendum to â€œRespiratory-gated 18F-FDG PET/CT for the diagnosis of liver metastasisâ€•[<i>Eur. J. Radiol.</i> 82 (10) (2013) 1696â€“1701]. <i>European Journal of Radiology</i> , 2014, 83, 741.	1.2	0
69	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.	0.7	10
70	Respiratory-gated 18F-FDG PET/CT for the diagnosis of liver metastasis. <i>European Journal of Radiology</i> , 2013, 82, 1696-1701.	1.2	14
71	18F-FDG-PET/CT findings of retroperitoneal tumors: a pictorial essay. <i>Japanese Journal of Radiology</i> , 2013, 31, 301-309.	1.0	13
72	Prevalence of Dural Ectasia in Loey's-Dietz Syndrome: Comparison with Marfan Syndrome and Normal Controls. <i>PLoS ONE</i> , 2013, 8, e75264.	1.1	20

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73	Potential contribution of multiplanar reconstruction (MPR) to computer-aided detection of lung nodules on MDCT. <i>European Journal of Radiology</i> , 2012, 81, 366-370.	1.2	11
74	3D automatic exposure control for 64-detector row CT: Radiation dose reduction in chest phantom study. <i>European Journal of Radiology</i> , 2011, 77, 522-527.	1.2	18
75	Dynamic late gadolinium enhancement simply quantified using myocardium to lumen signal ratio: Normal range of ratio and diffuse abnormal enhancement of cardiac amyloidosis. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 50-55.	1.9	15
76	High prevalence of vertebral artery tortuosity of Loeys-Dietz syndrome in comparison with Marfan syndrome. <i>Japanese Journal of Radiology</i> , 2010, 28, 273-277.	1.0	24
77	Late gadolinium enhancement on cardiac magnetic resonance imaging: is it associated with a higher incidence of nonsustained ventricular tachycardia in patients with idiopathic dilated cardiomyopathy?. <i>Japanese Journal of Radiology</i> , 2010, 28, 355-361.	1.0	10
78	Utility of phase contrast MR imaging for assessment of pulmonary flow and pressure estimation in patients with pulmonary hypertension: Comparison with right heart catheterization and echocardiography. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 973-980.	1.9	58
79	Dual-energy CT head bone and hard plaque removal for quantification of calcified carotid stenosis: utility and comparison with digital subtraction angiography. <i>European Radiology</i> , 2009, 19, 2060-2065.	2.3	100
80	Comparison of grey matter and metabolic reductions in frontotemporal dementia using FDG-PET and voxel-based morphometric MR studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 2227-2234.	3.3	100
81	Quantitative and qualitative assessment of non-contrast-enhanced pulmonary MR imaging for management of pulmonary nodules in 161 subjects. <i>European Radiology</i> , 2008, 18, 2120-2131.	2.3	88
82	Comparison of Regional Brain Volume and Glucose Metabolism Between Patients with Mild Dementia with Lewy Bodies and Those with Mild Alzheimer's Disease. <i>Journal of Nuclear Medicine</i> , 2007, 48, 704-711.	2.8	81
83	Cerebral perfusion pattern of idiopathic normal pressure hydrocephalus studied by SPECT and statistical brain mapping. <i>Annals of Nuclear Medicine</i> , 2007, 21, 39-45.	1.2	54
84	Fully automatic differential diagnosis system for dementia with Lewy bodies and Alzheimer's disease using FDG-PET and 3D-SSP. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1490-1497.	3.3	51
85	Fully automatic diagnostic system for early- and late-onset mild Alzheimer's disease using FDG PET and 3D-SSP. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 575-583.	3.3	68
86	Early disappearance of calcification in posterior paraspinal muscles in a patient with rhabdomyolysis associated with neuroleptic malignant syndrome. <i>Radiation Medicine</i> , 2006, 24, 463-466.	0.8	0
87	Automatic volumetric measurement of segmented brain structures on magnetic resonance imaging. <i>Radiation Medicine</i> , 2006, 24, 422-430.	0.8	21
88	Usefulness of intravascular ultrasonography for treatment of a ruptured vertebral dissecting aneurysm. <i>Radiation Medicine</i> , 2006, 24, 577-582.	0.8	4
89	Comparison of gray matter and metabolic reduction in mild Alzheimer's disease using FDG-PET and voxel-based morphometric MR studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 959-963.	3.3	81
90	Voxel-based morphometric comparison between early- and late-onset mild Alzheimer's disease and assessment of diagnostic performance of z score images. <i>American Journal of Neuroradiology</i> , 2005, 26, 333-40.	1.2	156