

Ayaz Aghayev

List of Publications by Year in descending order

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66
papers

1,396
citations

471061

17
h-index

344852

36
g-index

71
all docs

71
docs citations

71
times ranked

2463
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Value of Cardiac Magnetic Resonance Tissue Characterization in Risk Stratifying Patients With Suspected Myocarditis. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1964-1976.	1.2	303
2	Short-term Mortality in Acute Pulmonary Embolism: Clot Burden and Signs of Right Heart Dysfunction at CT Pulmonary Angiography. <i>Radiology</i> , 2012, 265, 283-293.	3.6	145
3	Comparing CMR Mapping Methods and Myocardial Patterns Toward Heart Failure Outcomes in Nonischemic Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1659-1669.	2.3	80
4	Feature Tracking Myocardial Strain Incrementally Improves Prognostication in Myocarditis Beyond Traditional CMR Imaging Features. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1891-1901.	2.3	76
5	Assessment of Cardiac Masses by Cardiac Magnetic Resonance Imaging: Histological Correlation and Clinical Outcomes. <i>Journal of the American Heart Association</i> , 2019, 8, e007829.	1.6	72
6	Comparison of myocardial fibrosis quantification methods by cardiovascular magnetic resonance imaging for risk stratification of patients with suspected myocarditis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 14.	1.6	66
7	Pancreatitis Secondary to Anti-Programmed Death Receptor 1 Immunotherapy Diagnosed by FDG PET/CT. <i>Clinical Nuclear Medicine</i> , 2015, 40, e528-e529.	0.7	62
8	Vascular CT and MRI: a practical guide to imaging protocols. <i>Insights Into Imaging</i> , 2018, 9, 215-236.	1.6	62
9	Use of Cardiac Computerized Tomography to Predict Neo-Left Ventricular Outflow Tract Obstruction Before Transcatheter Mitral Valve Replacement. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	52
10	Incremental value of extracellular volume assessment by cardiovascular magnetic resonance imaging in risk stratifying patients with suspected myocarditis. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1067-1078.	0.7	42
11	The Rate of Resolution of Clot Burden Measured by Pulmonary CT Angiography in Patients With Acute Pulmonary Embolism. <i>American Journal of Roentgenology</i> , 2013, 200, 791-797.	1.0	36
12	IgG4-Related Disease With Coronary Arteritis. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004583.	1.3	31
13	CT pulmonary angiography-based scoring system to predict the prognosis of acute pulmonary embolism. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 473-479.	0.7	30
14	Cross-sectional imaging of aortic infections. <i>Insights Into Imaging</i> , 2016, 7, 801-818.	1.6	27
15	Recent developments in the use of computed tomography scanners in coronary artery imaging. <i>Expert Review of Medical Devices</i> , 2016, 13, 545-553.	1.4	24
16	Association of ECG parameters with late gadolinium enhancement and outcome in patients with clinical suspicion of acute or subacute myocarditis referred for CMR imaging. <i>PLoS ONE</i> , 2020, 15, e0227134.	1.1	24
17	Hepatic steatosis in diabetic patients does not predict adverse liver-related or cardiovascular outcomes. <i>Liver International</i> , 2013, 33, 1575-1582.	1.9	21
18	Use of cardiac CT amidst the COVID-19 pandemic and beyond: North American perspective. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 16-26.	0.7	20

#	ARTICLE	IF	CITATIONS
19	Role of Cardiac CT in Pre-Procedure Planning for Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2021, 14, 1571-1580.	2.3	16
20	Sonography and Magnetic Resonance Imaging Characteristics of Testicular Adrenal Rest Tumors. Polish Journal of Radiology, 2017, 82, 583-588.	0.5	15
21	Estimation of single kidney glomerular filtration rate without exogenous contrast agent. Magnetic Resonance in Medicine, 2014, 71, 257-266.	1.9	13
22	Common First-Pass CT Angiography Findings Associated With Rapid Growth Rate in Abdominal Aorta Aneurysms Between 3 and 5 cm in Largest Diameter. American Journal of Roentgenology, 2018, 210, 431-437.	1.0	12
23	Vascular imaging in renal donors. Cardiovascular Diagnosis and Therapy, 2019, 9, S116-S130.	0.7	12
24	The use of cryoablation in treating liver tumors. Expert Review of Medical Devices, 2014, 11, 41-52.	1.4	11
25	Implementation and Performance of Automated Software for Computing Right-to-Left Ventricular Diameter Ratio From Computed Tomography Pulmonary Angiography Images. Journal of Computer Assisted Tomography, 2016, 40, 387-392.	0.5	10
26	Multimodality imaging to distinguish between benign and malignant cardiac masses. Journal of Nuclear Cardiology, 2022, 29, 1504-1517.	1.4	10
27	State-of-the-art Magnetic Resonance Imaging in Vascular Thoracic Outlet Syndrome. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 309-320.	0.6	9
28	Quantification of radiation dose reduction by reducing z-axis coverage in 320-detector coronary CT angiography. British Journal of Radiology, 2017, 90, 20170252.	1.0	7
29	ACR Appropriateness Criteria® Suspected Upper Extremity Deep Vein Thrombosis. Journal of the American College of Radiology, 2020, 17, S315-S322.	0.9	7
30	Spontaneous thrombosis of uterine artery pseudoaneurysm: Follow-up with doppler ultrasonography and interventional management. Journal of Clinical Ultrasound, 2011, 39, 408-409.	0.4	6
31	Contrast inhomogeneity in CT angiography of the abdominal aortic aneurysm. Journal of Cardiovascular Computed Tomography, 2016, 10, 179-183.	0.7	6
32	Imaging findings during and after percutaneous cryoablation of hepatic tumors. Abdominal Radiology, 2019, 44, 2602-2626.	1.0	6
33	Clinically isolated aortitis: imaging features and clinical outcomes: comparison with giant cell arteritis and giant cell aortitis. International Journal of Cardiovascular Imaging, 2021, 37, 1433-1443.	0.7	6
34	Ferumoxytol-Enhanced Coronary Magnetic Resonance Angiography Compared to Invasive Coronary Angiography for Detection of Epicardial Coronary Artery Disease. Kidney Medicine, 2021, 3, 139-141.	1.0	6
35	ACR Appropriateness Criteria® Noncerebral Vasculitis. Journal of the American College of Radiology, 2021, 18, S380-S393.	0.9	6
36	Incidence and clinical sequelae of portal and hepatic venous thrombosis following percutaneous cryoablation of liver tumors. Abdominal Radiology, 2016, 41, 970-977.	1.0	5

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37	Hybrid valve-in-valve mitral valve replacement. JTCVS Techniques, 2020, 3, 154-156.	0.2	5
38	Prognostic Value of T1 Mapping and Feature Tracking by Cardiac Magnetic Resonance in Patients With Signs and Symptoms Suspecting Heart Failure and No Clinical Evidence of Coronary Artery Disease. Journal of the American Heart Association, 2022, 11, e020981.	1.6	5
39	Impact of coronary artery calcium testing on patient management. Journal of Cardiovascular Computed Tomography, 2022, 16, 303-308.	0.7	5
40	Artifactual Appearance of Thrombosis on Using Metal Artifact Reduction Software Reconstruction in Computed Tomographic Angiography. Journal of Computer Assisted Tomography, 2018, 42, 457-458.	0.5	4
41	Utilization of FDG-PET/CT in the diagnosis of native valve endocarditis: There is a hope, but we need more data!. Journal of Nuclear Cardiology, 2022, 29, 3455-3457.	1.4	4
42	Multimodality Imaging of Large-Vessel Vasculitis, From the <i>AJR</i> Special Series on Inflammation. American Journal of Roentgenology, 2022, 218, 213-222.	1.0	4
43	Alternative Diagnostic Strategy for the Assessment and Treatment of Pulmonary Embolus: A Case Series. Clinical Practice and Cases in Emergency Medicine, 2020, 4, 308-311.	0.1	4
44	Caseous Calcification of the Mitral Annulus With Atrial and Ventricular Fistulization. Circulation: Cardiovascular Imaging, 2018, 11, e007588.	1.3	3
45	Multimodality Imaging in Prosthetic Valve Endocarditis With Septic Coronary Embolism. Circulation: Cardiovascular Imaging, 2019, 12, e009298.	1.3	3
46	Systemic vasculitides and the role of multitechnique imaging in the diagnosis. Clinical Radiology, 2021, 76, 488-501.	0.5	3
47	Treatment of Neovaginal Variceal Bleeding after Transgender Surgery with Transjugular Intrahepatic Portosystemic Shunt. Journal of Vascular and Interventional Radiology, 2015, 26, 762-763.	0.2	2
48	Cardiac metastasis from renal cell carcinoma in cardiac CT. Journal of Cardiovascular Computed Tomography, 2016, 10, 337-338.	0.7	2
49	Giant cell aortitis mimicking intramural hematoma. Journal of Cardiovascular Computed Tomography, 2017, 11, 327-328.	0.7	2
50	Cardiac CT to Diagnose Left Ventricular Assist Device Outflow Graft Twist. Radiology, 2019, 292, 537-537.	3.6	2
51	Picturing Giant Cell Arteritis: Projecting Into the Future. Arthritis and Rheumatology, 2019, 71, 1211-1214.	2.9	2
52	Aortic Root Replacement to Accommodate Future Valve-in-Valve Transcatheter Aortic Valve Replacement. Annals of Thoracic Surgery, 2021, 111, e437-e438.	0.7	2
53	Potential Role of 3-Dimensional Printed Vascular Models in Maintenance Hemodialysis Care. Kidney Medicine, 2021, 3, 1095-1098.	1.0	2
54	ACR Appropriateness Criteria® Suspected Retroperitoneal Bleed. Journal of the American College of Radiology, 2021, 18, S482-S487.	0.9	2

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55	Use of Multimodality Imaging in Diagnosing Invasive Fungal Diseases of the Heart. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	1
56	Pseudoaneurysm-induced renal artery stenosis. <i>Kidney International</i> , 2020, 97, 617.	2.6	1
57	Transplant renal artery and vein occlusion evaluated with ferumoxytol-enhanced magnetic resonance angiography. <i>Clinical Imaging</i> , 2021, 77, 142-146.	0.8	1
58	Is glucose metabolism in the atria in patients with atrial fibrillation due to inflammation or remodeling?. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2837-2838.	1.4	1
59	Tu1034 Noninvasive Hepatic Fibrosis Scores Predict Liver-Related Outcomes in Diabetic Patients. <i>Gastroenterology</i> , 2012, 142, S-1016-S-1017.	0.6	0
60	What is this image? 2018: image 6 result. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 720-723.	1.4	0
61	CMR Assessment of Cardiac Masses. <i>Contemporary Cardiology</i> , 2019, , 273-307.	0.0	0
62	Multimodality imaging of a thoracic aortic mycotic pseudoaneurysm. <i>Vascular Medicine</i> , 2019, 24, 367-368.	0.8	0
63	FEATURE TRACKING MYOCARDIAL STRAIN INCREMENTALLY IMPROVES PROGNOSTICATION IN MYOCARDITIS BEYOND TRADITIONAL CMR FEATURES. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1572.	1.2	0
64	Pulmonary Imaging Findings of Vasculitis. <i>Current Pulmonology Reports</i> , 2020, 9, 143-150.	0.5	0
65	Systemic Sarcoidosis With Cardiac Involvement Resembling Lymphoma on Imaging: Case Journey From Scrotum to Heart. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012598.	1.3	0
66	New criteria to diagnose infective endocarditis. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2197.	1.4	0