Amir A Ahmadi

List of Publications by Year
in descending order

46 papers	2,141 citations	257101 24 h-index	264894 42 g-index
47 all docs	47 docs citations	47 times ranked	2465 citing authors

#	Article	IF	Citations
1	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. European Heart Journal, 2016, 37, 1220-1227.	1.0	257
2	From Subclinical Atherosclerosis to Plaque Progression and Acute CoronaryÂEvents. Journal of the American College of Cardiology, 2019, 74, 1608-1617.	1.2	195
3	SCCT 2021 Expert Consensus Document on Coronary Computed Tomographic Angiography: A Report of the Society of Cardiovascular Computed Tomography. Journal of Cardiovascular Computed Tomography, 2021, 15, 192-217.	0.7	149
4	Do Plaques Rapidly Progress Prior to Myocardial Infarction?. Circulation Research, 2015, 117, 99-104.	2.0	143
5	Effect of Plaque Burden and MorphologyÂon Myocardial Blood Flow andÂFractional FlowÂReserve. Journal of the American College of Cardiology, 2018, 71, 499-509.	1.2	133
6	Society of Cardiovascular Computed Tomography / North American Society of Cardiovascular Imaging â€“ Expert Consensus Document on Coronary CT Imaging of Atherosclerotic Plaque. Journal of Cardiovascular Computed Tomography, 2021, 15, 93-109.	0.7	117
7	Association of Coronary Stenosis and Plaque Morphology With Fractional Flow Reserve and Outcomes. JAMA Cardiology, 2016, 1, 350.	3.0	108
8	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With StableÂChest Pain. Journal of the American College of Cardiology, 2019, 74, 2058-2070.	1.2	99
9	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. JACC: Cardiovascular Imaging, 2018, 11, 521-530.	2.3	95
10	Long-Term Prognostic Utility of CoronaryÂCTÂAngiography in Stable Patients WithÂDiabetes Mellitus. JACC: Cardiovascular Imaging, 2016, 9, 1280-1288.	2.3	70
11	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. Journal of Cardiovascular Computed Tomography, 2017, 11, 429-436.	0.7	65
12	The Future of Cardiovascular ComputedÂTomography. JACC: Cardiovascular Imaging, 2019, 12, 1058-1072.	2.3	61
13	Eosinophilic Myocarditis. American Journal of the Medical Sciences, 2017, 354, 486-492.	0.4	59
14	Discordance Between Ischemia and Stenosis, or PINSS and NIPSS. JACC: Cardiovascular Imaging, 2015, 8, 111-114.	2.3	46
15	Long term prognostic utility of coronary CT angiography in patients with no modifiable coronary artery disease risk factors: Results from the 5 year follow-up of the CONFIRM International Multicenter Registry. Journal of Cardiovascular Computed Tomography, 2016, 10, 22-27.	0.7	46
16	Is Cardiac Diastolic Dysfunction a PartÂofÂPost-Menopausal Syndrome?. JACC: Heart Failure, 2019, 7, 192-203.	1.9	46
17	Sex-based Prognostic Implications of Nonobstructive Coronary Artery Disease: Results from the International Multicenter CONFIRM Study. Radiology, 2014, 273, 393-400.	3.6	45
18	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2021, 14, 233-242.	2.3	44

#	Article	IF	Citations
19	Prognostic Determinants of Coronary Atherosclerosis in Stable Ischemic Heart Disease. Circulation Research, 2016, 119, 317-329.	2.0	40
20	Post-vaccination myositis and myocarditis in a previously healthy male. Allergy, Asthma and Clinical Immunology, 2016, 12, 6.	0.9	40
21	Advanced Imaging in Cardiac Sarcoidosis. Journal of Nuclear Medicine, 2019, 60, 892-898.	2.8	32
22	Predictive Value of Age- and Sex-Specific Nomograms of Global Plaque Burden on Coronary Computed Tomography Angiography for Major Cardiac Events. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	31
23	Adverse Plaque Characteristics Relate More Strongly With Hyperemic Fractional Flow Reserve and Instantaneous Wave-Free Ratio Than With Resting Instantaneous Wave-Free Ratio. JACC: Cardiovascular Imaging, 2020, 13, 746-756.	2.3	27
24	Is Metabolic Syndrome Predictive of Prevalence, Extent, and Risk of Coronary Artery Disease beyond Its Components? Results from the Multinational Coronary CT Angiography Evaluation for Clinical Outcome: An International Multicenter Registry (CONFIRM). PLoS ONE, 2015, 10, e0118998.	1.1	26
25	Abnormal Fractional Flow Reserve in Nonobstructive Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2019, 12, e006961.	1.4	19
26	CT Assessment of Myocardial Perfusion and Fractional Flow Reserve. Progress in Cardiovascular Diseases, 2015, 57, 623-631.	1.6	17
27	Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2018, 12, 231-237.	0.7	17
28	Hypertrophic Cardiomyopathy (HCM): New insights into Coronary artery remodelling and ischemia from FFRCT. Journal of Cardiovascular Computed Tomography, 2018, 12, 467-471.	0.7	17
29	Primary and Secondary Prevention, or Subclinical and ClinicalÂAtherosclerosis â^—. JACC: Cardiovascular Imaging, 2017, 10, 447-450.	2.3	14
30	CT-based total vessel plaque analyses improves prediction of hemodynamic significance lesions as assessed by fractional flow reserve in patients with stable angina pectoris. Journal of Cardiovascular Computed Tomography, 2018, 12, 344-349.	0.7	14
31	Incremental prognostic value of hybrid [15O]H2O positron emission tomographyâ€“computed tomography: combining myocardial blood flow, coronary stenosis severity, and high-risk plaque morphology. European Heart Journal Cardiovascular Imaging, 2020, 21, 1105-1113.	0.5	14
32	Prognosis of CT-derived Fractional Flow Reserve in the Prediction of Clinical Outcomes. Radiology: Cardiothoracic Imaging, 2019, 1, e190021.	0.9	8
33	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. European Heart Journal Cardiovascular Imaging, 2021, 22, 1072-1082.	0.5	8
34	Is there a role for fractional flow reserve in coronary artery bypass graft (CABG) planning?. Annals of Cardiothoracic Surgery, 2018, 7, 546-551.	0.6	7
35	How atherosclerosis defines ischemia: Atherosclerosis quantification and characterization as a method for determining ischemia. Journal of Cardiovascular Computed Tomography, 2020, 14, 394-399.	0.7	7
36	Assessment of Sex Differences in Plaque Morphology by Coronary Computed Tomography Angiographyâ€”Are Men and Women the Same?. Journal of Women's Health, 2014, 23, 146-150.	1.5	6

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37	Precluding Revascularization in StableÂCoronary Disease. Journal of the American College of Cardiology, 2018, 72, 1936-1939.	1.2	6
38	Lymphocyte-Variant Hypereosinophilic Syndrome With Eosinophilic Myocarditis Treated With Steroids and Pegylated Interferon Alfa-2a. American Journal of the Medical Sciences, 2018, 355, 201-202.	0.4	3
39	Is it time to move from treating risk factors of the disease to treating the disease?. European Heart Journal, 2018, 39, 2409-2411.	1.0	3
40	Family of Flow Reserve Indexes and Coronary Revascularization. Journal of the American College of Cardiology, 2019, 73, 454-456.	1.2	3
41	Comparison of coronary atherosclerotic plaque progression in East Asians and Caucasians by serial coronary computed tomographic angiography: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2022, 16, 222-229.	0.7	1
42	Microvascular Integrity in Myocardial Injury. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	0
43	Echocardiography in Structural Cardiac Interventions. , 2018, , 245-261.		0
44	Noninvasive Imaging of High-Risk Plaque. , 2019, , 388-404.		0
45	Imaging of High-Risk Atherosclerotic Plaques. , 2018, , 101-120.		0
46	Assessment of Coronary Disease Independent of Symptoms. JACC: Cardiovascular Imaging, 2021, 14, 2196-2198.	2.3	0