

Edgar Argulian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

1,491
citations

19
h-index

36
g-index

112
ext. papers

2,091
ext. citations

4.8
avg, IF

5.19
L-index

#	Paper	IF	Citations
87	Development of a machine learning model using electrocardiogram signals to improve acute pulmonary embolism screening.. <i>European Heart Journal Digital Health</i> , 2022 , 3, 56-66	2.3	0
86	Echocardiographic Findings in Patients With COVID-19 With Myocardial Injury During the Omicron Variant Surge.. <i>American Journal of Cardiology</i> , 2022 ,	3	0
85	Right Ventricular Abnormality in Patients Hospitalized With COVID-19 Infection During Omicron Variant Surge.. <i>American Journal of Cardiology</i> , 2022 ,	3	0
84	Using Deep-Learning Algorithms to Simultaneously Identify Right and Left Ventricular Dysfunction From the Electrocardiogram. <i>JACC: Cardiovascular Imaging</i> , 2021 ,	8.4	4
83	Biventricular strain by speckle tracking echocardiography in COVID-19: findings and possible prognostic implications. <i>Future Cardiology</i> , 2021 , 17, 663-667	1.3	16
82	Abnormal left ventricular global longitudinal strain by speckle tracking echocardiography in COVID-19 patients. <i>Future Cardiology</i> , 2021 , 17, 655-661	1.3	15
81	Insights into functional mitral regurgitation using transillumination rendering. <i>Echocardiography</i> , 2021 , 38, 1033-1051	1.5	0
80	Impact of COVID-19 Pandemic on the Role of Cardiac Sonographers. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 322-324	5.8	1
79	Deep learning and the electrocardiogram: review of the current state-of-the-art. <i>Europace</i> , 2021 , 23, 1179-1191	3.9	19
78	Successful Transcatheter Closure of a Rare Malaligned Atrial Septal Defect With a Membranous Chord. <i>JACC: Case Reports</i> , 2021 , 3, 1327-1331	1.2	0
77	Association between right ventricular dysfunction and mortality in COVID-19 patients: A systematic review and meta-analysis. <i>Clinical Cardiology</i> , 2021 , 44, 1360-1370	3.3	4
76	Advanced Cardiovascular Imaging in Clinical Heart Failure. <i>JACC: Heart Failure</i> , 2021 , 9, 699-709	7.9	0
75	Left Ventricular Hypertrophy-Low Longitudinal Strain Phenotype in Elderly Patients with Preserved or Mid-range Ejection Fraction. <i>American Journal of Cardiology</i> , 2021 , 156, 149-150	3	0
74	Natriuretic peptides to differentiate constrictive pericarditis and restrictive cardiomyopathy: A systematic review and meta-analysis.. <i>Clinical Cardiology</i> , 2021 ,	3.3	1
73	Concordance and Discordance of Echocardiographic Parameters Recommended for Assessing the Severity of Mitral Regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010278	3.9	3
72	Echocardiographic Findings in Patients with COVID-19 with Significant Myocardial Injury. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1054-1055	5.8	27
71	Unsupervised clustering for phenotypic stratification of clinical, demographic, and stress attributes of cardiac risk in patients with nonischemic exercise stress echocardiography. <i>Echocardiography</i> , 2020 , 37, 505-519	1.5	7

70	Safety of Ultrasonic Enhancing Agents in Patients with COVID-19. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 906-908	5.8	4
69	"Hot Septum" Sign of Constrictive Pericarditis. <i>JACC: Case Reports</i> , 2020 , 2, 186-190	1.2	1
68	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020 , 22, e24018	7.6	82
67	Right Ventricular Dilation in Hospitalized Patients With COVID-19 Infection. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2459-2461	8.4	127
66	Physiology of cardiomyocyte injury in COVID-19 2020 ,		4
65	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1857-1858	8.4	2
64	Point-of-Care Ultrasound Findings and Clinical Outcomes in Patients with COVID-19. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1416-1417	5.8	5
63	Prognostic significance of exercise-induced diastolic dysfunction: A systematic review. <i>Echocardiography</i> , 2020 , 37, 1594-1602	1.5	0
62	Echocardiographic Data in Artificial Intelligence Research: Primer on Concepts of Big Data and Latent States. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 170-172	8.4	6
61	The prevalence and predictors of resistant hypertension in high-risk overweight and obese patients: A cross-sectional study based on the 2017 ACC/AHA guidelines. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 1507-1515	2.3	4
60	From Subclinical Atherosclerosis to Plaque Progression and Acute Coronary Events: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1608-1617	15.1	86
59	Association Between Layer-Specific Longitudinal Strain and Risk Factors of Heart Failure and Dyspnea: A Population-Based Study. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 854-865.e8	5.8	5
58	Advanced Imaging in Cardiac Sarcoidosis. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 892-898	8.9	18
57	The Effect of Systolic Variation of Mitral Regurgitation on Discordance Between Noninvasive Imaging Modalities. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2431-2442	8.4	11
56	Is Cardiac Diastolic Dysfunction a Part of Post-Menopausal Syndrome?. <i>JACC: Heart Failure</i> , 2019 , 7, 192-203	7.9	23
55	Misconceptions and Facts About Beta-Blockers. <i>American Journal of Medicine</i> , 2019 , 132, 816-819	2.4	9
54	Bedside Assessment of Left Ventricular Emptying Using Contrast-Enhanced Handheld Ultrasound: A Pilot Study. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 1367-1369	5.8	1
53	Association between short and long sleep durations and cardiovascular outcomes: a systematic review and meta-analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019 , 8, 762-770	4.3	42

52	Including Insonation in Undergraduate Medical School Curriculum. <i>Annals of Global Health</i> , 2019 , 85, 135	3.3	4
51	Association of the V122I Hereditary Transthyretin Amyloidosis Genetic Variant With Heart Failure Among Individuals of African or Hispanic/Latino Ancestry. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 2191-2202	27.4	45
50	Impact of gender on in-hospital outcomes in patients with Takotsubo syndrome: A nationwide analysis from 2006 to 2014. <i>Clinical Cardiology</i> , 2019 , 42, 13-18	3.3	14
49	Comparison of Insonation-Augmented Physical Examination With Standard Physical Examination in Detecting Severe Left-Sided Valve Disease. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 759-760	8.4	0
48	Trends and disparities in statin use and low-density lipoprotein cholesterol levels among US patients with diabetes, 1999-2014. <i>Diabetes Research and Clinical Practice</i> , 2018 , 139, 1-10	7.4	17
47	Stress cardiomyopathy: Provoked chaotic T-wave lability. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23, e12544	1.5	2
46	Use of Cardiac Magnetic Resonance Imaging in Assessing Mitral Regurgitation: Current Evidence. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 547-563	15.1	64
45	Echocardiographic 3D-guided 2D planimetry in quantifying left-sided valvular heart disease. <i>Echocardiography</i> , 2018 , 35, 695-706	1.5	3
44	Teasing Apart Heart Failure With Preserved Ejection Fraction Phenotypes With Echocardiographic Imaging: Potential Approach to Research and Clinical Practice. <i>Circulation Research</i> , 2018 , 122, 23-25	15.7	9
43	Relation of Blood Pressure to Severity of Pericardial Effusion. <i>American Journal of Cardiology</i> , 2018 , 121, 1409-1412	3	0
42	Acute chest pain evaluation using coronary computed tomography angiography compared with standard of care: a meta-analysis of randomised clinical trials. <i>Heart</i> , 2018 , 104, 215-221	5.1	16
41	A Comparative Assessment of Echocardiographic Parameters for Determining Primary Mitral Regurgitation Severity Using Magnetic Resonance Imaging as a Reference Standard. <i>Journal of the American Society of Echocardiography</i> , 2018 , 31, 992-999	5.8	15
40	Comparison of the current reasons for undergoing pharmacologic stress during echocardiographic and radionuclide stress testing. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 546-554	2.1	11
39	Comparative effectiveness of coronary CT angiography vs stress cardiac imaging in patients following hospital admission for chest pain work-up: The Prospective First Evaluation in Chest Pain (PERFECT) Trial. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1267-1278	2.1	19
38	Misconceptions and Facts About Aortic Stenosis. <i>American Journal of Medicine</i> , 2017 , 130, 398-402	2.4	1
37	Racial and Ethnic Differences in Antihypertensive Medication Use and Blood Pressure Control Among US Adults With Hypertension: The National Health and Nutrition Examination Survey, 2003 to 2012. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017 , 10,	5.8	62
36	Pathway for the Management of Atrial Fibrillation and Atrial Flutter. <i>Critical Pathways in Cardiology</i> , 2017 , 16, 47-52	1.3	3
35	The presence of diastolic and systolic dysfunction in patients with impaired relaxation filling pattern. <i>Echocardiography</i> , 2017 , 34, 825-830	1.5	3

34	Pathway for the Management of Sleep Apnea in the Cardiac Patient. <i>Critical Pathways in Cardiology</i> , 2017 , 16, 81-88	1.3	
33	Age Differences in Treatment and Control of Hypertension in US Physician Offices, 2003-2010: A Serial Cross-sectional Study. <i>American Journal of Medicine</i> , 2016 , 129, 50-58.e4	2.4	19
32	Misconceptions and Facts About Hypertrophic Cardiomyopathy. <i>American Journal of Medicine</i> , 2016 , 129, 148-52	2.4	9
31	CARDIAC COMPUTED TOMOGRAPHIC ANGIOGRAPHY IN THE ASSESSMENT OF LOW RISK PATIENTS: AN UPDATED META-ANALYSIS. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1751	15.1	7
30	Misconceptions and Facts About Mitral Regurgitation. <i>American Journal of Medicine</i> , 2016 , 129, 919-23	2.4	3
29	CACS and the Frequency of Stress-Induced Myocardial Ischemia During MPI: A Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 580-9	8.4	38
28	Integration of Flow-Gradient Patterns Into Clinical Decision Making for Patients With Suspected Severe Aortic Stenosis and Preserved LVEF: A Systematic Review of Evidence and Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1255-1263	8.4	30
27	Misconceptions and facts about treating hypertension. <i>American Journal of Medicine</i> , 2015 , 128, 450-5	2.4	5
26	Valvular disease, myocardial mechanics, and valve guidelines. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 3828.4	8.4	4
25	Discordance between echocardiography and MRI in the assessment of mitral regurgitation severity: a prospective multicenter trial. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1078-88	15.1	205
24	Misconceptions and Facts About Atrial Fibrillation. <i>American Journal of Medicine</i> , 2015 , 128, 938-42	2.4	8
23	Evaluating left ventricular systolic dysfunction: Stress echocardiography. <i>Journal of Nuclear Cardiology</i> , 2015 , 22, 957-60	2.1	0
22	Living Up to the PROMISE: Is There an Ultimate Winner?. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2267-2268	15.1	3
21	Atherosclerotic Burden: Complex Interplay of Anatomic, Physiologic, and Outcome Data. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2466-7	15.1	
20	Prognostic Value of Stress Echocardiography in Patients Presenting with Syncope. <i>Echocardiography</i> , 2015 , 32, 1352-8	1.5	
19	Combining stress-only myocardial perfusion imaging with coronary calcium scanning as a new paradigm for initial patient work-up: an exploratory analysis. <i>Journal of Nuclear Cardiology</i> , 2015 , 22, 89-97	2.1	14
18	Misconceptions and facts about diastolic heart failure. <i>American Journal of Medicine</i> , 2014 , 127, 1144-7	2.4	4
17	Antihypertensive efficacy of angiotensin receptor blockers as monotherapy as evaluated by ambulatory blood pressure monitoring: a meta-analysis. <i>European Heart Journal</i> , 2014 , 35, 1732-42	9.5	22

16	A structured, parsimonious approach to establish the cause of moderate-to-large pericardial effusion. <i>American Journal of Cardiology</i> , 2014 , 114, 479-82	3	6
15	Letter by Argulian and Messerli regarding article, "effect of early metoprolol on infarct size in ST-segment-elevation myocardial infarction patients undergoing primary percutaneous coronary intervention: the Effect of Metoprolol in Cardioprotection During an Acute Myocardial Infarction (METOCARD-CNIC) Trial". <i>Circulation</i> , 2014 , 130, e18	16.7	
14	Association of exercise tolerance with effective arterial elastance obtained noninvasively in patients with exertional dyspnea. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 675-9	5.8	5
13	Meta-analysis of prognostic implications of dyspnea versus chest pain in patients referred for stress testing. <i>American Journal of Cardiology</i> , 2014 , 113, 559-64	3	18
12	Irregular supraventricular tachycardia. <i>JAMA Internal Medicine</i> , 2013 , 173, 2001-3	11.5	
11	Misconceptions and facts about pericardial effusion and tamponade. <i>American Journal of Medicine</i> , 2013 , 126, 858-61	2.4	32
10	Predictors of ischemia in patients referred for evaluation of exertional dyspnea: a stress echocardiography study. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 72-6	5.8	19
9	Antihypertensive therapy in hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2013 , 111, 1040-5	3	21
8	Obstructive sleep apnea is associated with increased high-sensitivity cardiac troponin T levels. <i>Chest</i> , 2013 , 143, 277-278	5.3	1
7	Organ-specific responses to circulatory disturbances in heart failure: new insights. <i>Congestive Heart Failure</i> , 2012 , 18, 127-31		
6	Stress testing in patients with hypertrophic cardiomyopathy. <i>Progress in Cardiovascular Diseases</i> , 2012 , 54, 477-82	8.5	28
5	Paradoxical hypertension with cardiac tamponade. <i>American Journal of Cardiology</i> , 2012 , 110, 1066-9	3	19
4	A novel pericardial effusion scoring index to guide decision for drainage. <i>Critical Pathways in Cardiology</i> , 2012 , 11, 85-8	1.3	15
3	Novel "CHASER" pathway for the management of pericardial disease. <i>Critical Pathways in Cardiology</i> , 2011 , 10, 57-63	1.3	10
2	An unusual case of syncope. <i>American Journal of Medicine</i> , 2009 , 122, 636-8	2.4	4
1	Gender differences in short-term cardiovascular outcomes after percutaneous coronary interventions. <i>American Journal of Cardiology</i> , 2006 , 98, 48-53	3	101