

Rajiv Mahajan

List of Publications by Citations

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101
papers

3,966
citations

31
h-index

62
g-index

114
ext. papers

5,407
ext. citations

4.1
avg. IF

5.25
L-index

#	Paper	IF	Citations
101	Aggressive risk factor reduction study for atrial fibrillation and implications for the outcome of ablation: the ARREST-AF cohort study. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2222-31	15.1	507
100	Long-Term Effect of Goal-Directed Weight Management in an Atrial Fibrillation Cohort: A Long-Term Follow-Up Study (LEGACY). <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2159-69	15.1	499
99	Impact of CARDIOrespiratory FITness on Arrhythmia Recurrence in Obese Individuals With Atrial Fibrillation: The CARDIO-FIT Study. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 985-96	15.1	294
98	Obesity results in progressive atrial structural and electrical remodeling: implications for atrial fibrillation. <i>Heart Rhythm</i> , 2013 , 10, 90-100	6.7	233
97	Electrophysiological, Electroanatomical, and Structural Remodeling of the Atria as Consequences of Sustained Obesity. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1-11	15.1	219
96	Remote Monitoring of Implantable Cardioverter-Defibrillators: A Systematic Review and Meta-Analysis of Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2591-2600	15.1	134
95	PREVENTion and regReSsive Effect of weight-loss and risk factor modification on Atrial Fibrillation: the REVERSE-AF study. <i>Europace</i> , 2018 , 20, 1929-1935	3.9	125
94	Subclinical device-detected atrial fibrillation and stroke risk: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2018 , 39, 1407-1415	9.5	119
93	Obesity and the Risk of Incident, Post-Operative, and Post-Ablation Atrial Fibrillation: A Meta-Analysis of 626,603 Individuals in 51 Studies. <i>JACC: Clinical Electrophysiology</i> , 2015 , 1, 139-152	4.6	106
92	Bipolar electrogram shannon entropy at sites of rotational activation: implications for ablation of atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013 , 6, 48-57	6.4	86
91	Integrated care in atrial fibrillation: a systematic review and meta-analysis. <i>Heart</i> , 2017 , 103, 1947-1953	5.1	76
90	Associations of Epicardial, Abdominal, and Overall Adiposity With Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9,	6.4	75
89	Novel mechanisms in the pathogenesis of atrial fibrillation: practical applications. <i>European Heart Journal</i> , 2016 , 37, 1573-81	9.5	71
88	Importance of the underlying substrate in determining thrombus location in atrial fibrillation: implications for left atrial appendage closure. <i>Heart</i> , 2012 , 98, 1120-6	5.1	69
87	Alcohol and incident atrial fibrillation - A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2017 , 246, 46-52	3.2	67
86	Outcomes of persistent and long-standing persistent atrial fibrillation ablation: a systematic review and meta-analysis. <i>Europace</i> , 2018 , 20, f366-f376	3.9	60
85	Pathophysiology of Paroxysmal and Persistent Atrial Fibrillation: Rotors, Foci and Fibrosis. <i>Heart Lung and Circulation</i> , 2017 , 26, 887-893	1.8	57

84	Impact of obesity on cardiac metabolism, fibrosis, and function. <i>Trends in Cardiovascular Medicine</i> , 2015 , 25, 119-26	6.9	57
83	The implications of obesity for cardiac arrhythmia mechanisms and management. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 203-10	3.8	56
82	Electroanatomical Remodeling of the Atria in Obesity: Impact of Adjacent Epicardial Fat. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 1529-1540	4.6	56
81	Catheter ablation of atrial fibrillation in patients with concomitant left ventricular impairment: a systematic review of efficacy and effect on ejection fraction. <i>Heart Lung and Circulation</i> , 2015 , 24, 270-80	1.8	49
80	Three-dimensional biomechanics of coronary arteries. <i>International Journal of Engineering Science</i> , 2018 , 130, 93-114	5.7	45
79	Mitral valve prolapse and sudden cardiac death: a systematic review and meta-analysis. <i>Heart</i> , 2019 , 105, 144-151	5.1	45
78	Feasibility, Safety, and Efficacy of Posterior Wall Isolation During Atrial Fibrillation Ablation: A Systematic Review and Meta-Analysis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007005	6.4	44
77	High-density mapping of ventricular scar: a comparison of ventricular tachycardia (VT) supporting channels with channels that do not support VT. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 90-8	6.4	41
76	Cost-Effectiveness and Clinical Effectiveness of the Risk Factor Management Clinic in Atrial Fibrillation: The CENT Study. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 436-447	4.6	37
75	Molecular mechanisms of atrial fibrosis: implications for the clinic. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 247-256	2.5	35
74	Variability of Sleep Apnea Severity and Risk of Atrial Fibrillation: The VARIOSAF Study. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 692-701	4.6	35
73	Association Between Blood Pressure Variability and Cerebral Small-Vessel Disease: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2020 , 9, e013841	6	34
72	Complex interaction of obesity, intentional weight loss and heart failure: a systematic review and meta-analysis. <i>Heart</i> , 2020 , 106, 58-68	5.1	33
71	Cardiovascular magnetic resonance of total and atrial pericardial adipose tissue: a validation study and development of a 3 dimensional pericardial adipose tissue model. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 73	6.9	31
70	Increasing trends in hospitalisations due to atrial fibrillation in Australia from 1993 to 2013. <i>Heart</i> , 2019 , 105, 1358-1363	5.1	27
69	Postural tachycardia syndrome: current perspectives. <i>Vascular Health and Risk Management</i> , 2018 , 14, 1-11	4.4	27
68	Concomitant Obesity and Metabolic Syndrome Add to the Atrial Arrhythmogenic Phenotype in Male Hypertensive Rats. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	26
67	Self-Reported Daytime Sleepiness and Sleep-Disordered Breathing in Patients With Atrial Fibrillation: SNOoze-AF. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1457-1464	3.8	25

66	Atrial remodeling and ectopic burden in recreational athletes: Implications for risk of atrial fibrillation. <i>Clinical Cardiology</i> , 2018 , 41, 843-848	3.3	24
65	Efficacy of Therapies for Postural Tachycardia Syndrome: A Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 1043-1053	6.4	23
64	Endovascular repair of a traumatic axillary artery pseudoaneurysm. <i>CardioVascular and Interventional Radiology</i> , 2009 , 32, 598-600	2.7	21
63	Diagnostic accuracy of overnight oximetry for the diagnosis of sleep-disordered breathing in atrial fibrillation patients. <i>International Journal of Cardiology</i> , 2018 , 272, 155-161	3.2	19
62	Atrial Fibrillation in Endurance Athletes: From Mechanism to Management. <i>Cardiology Clinics</i> , 2016 , 34, 567-578	2.5	19
61	Feasibility and safety of Reveal LINQ insertion in a sterile procedure room versus electrophysiology laboratory. <i>International Journal of Cardiology</i> , 2016 , 223, 13-17	3.2	18
60	Atrial fibrillation and risk of hip fracture: A population-based analysis of 113,600 individuals. <i>International Journal of Cardiology</i> , 2017 , 243, 229-232	3.2	17
59	Lifestyle management to prevent and treat atrial fibrillation. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 799-809	2.5	17
58	Underuse and overuse of anticoagulation for atrial fibrillation: A study in Indigenous and non-Indigenous Australians. <i>International Journal of Cardiology</i> , 2015 , 191, 20-4	3.2	16
57	Progression and reversibility of stretch induced atrial remodeling: Characterization and clinical implications. <i>Progress in Biophysics and Molecular Biology</i> , 2017 , 130, 376-386	4.7	15
56	Mapping and ablation of the pulmonary veins and cavo-tricuspid isthmus with a magnetic resonance imaging-compatible externally irrigated ablation catheter and integrated electrophysiology system. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 1136-42	6.4	14
55	European Heart Rhythm Association (EHRA) position paper on arrhythmia management and device therapies in endocrine disorders, endorsed by Asia Pacific Heart Rhythm Society (APHRS) and Latin American Heart Rhythm Society (LAHRS). <i>Europace</i> , 2018 , 20, 895-896	3.9	13
54	Percutaneous transcatheter device closure of an isolated congenital LV diverticulum: first case report. <i>Pediatric Cardiology</i> , 2011 , 32, 1219-22	2.1	13
53	Atrial Fibrillation and Obesity: Reverse Remodeling of Atrial Substrate With Weight Reduction. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 630-641	4.6	13
52	Predicted longevity of contemporary cardiac implantable electronic devices: A call for industry-wide "standardized" reporting. <i>Heart Rhythm</i> , 2018 , 15, 1756-1763	6.7	12
51	Position Statement on the Management of Cardiac Electrophysiology and Cardiac Implantable Electronic Devices in Australia During the COVID-19 Pandemic: A Living Document. <i>Heart Lung and Circulation</i> , 2020 , 29, e57-e68	1.8	10
50	Polypharmacy and health outcomes in atrial fibrillation: a systematic review and meta-analysis. <i>Open Heart</i> , 2020 , 7, e001257	3	10
49	Magnetic resonance imaging in non-conditional pacemakers and implantable cardioverter-defibrillators: a systematic review and meta-analysis. <i>Europace</i> , 2020 , 22, 288-298	3.9	9

48	Risk Factor Management and Atrial Fibrillation Clinics: Saving the Best for Last?. <i>Heart Lung and Circulation</i> , 2017 , 26, 990-997	1.8	9
47	Structural and Functional Remodeling of the Left Atrium: Clinical and Therapeutic Implications for Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2013 , 6, 986	0.8	9
46	Atrial Fibrillation Is Associated With Syncope and Falls in Older Adults: A Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 676-687	6.4	9
45	Persistent Atrial Fibrillation From the Onset: A Specific Subgroup of Patients With Batrial Substrate Involvement and Poorer Clinical Outcome. <i>JACC: Clinical Electrophysiology</i> , 2016 , 2, 129-139	4.6	9
44	Associations of anemia with stroke, bleeding, and mortality in atrial fibrillation: A systematic review and meta-analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 686-694	2.7	8
43	Implication of ventricular pacing burden and atrial pacing therapies on the progression of atrial fibrillation: A systematic review and meta-analysis of randomized controlled trials. <i>Heart Rhythm</i> , 2019 , 16, 1204-1214	6.7	7
42	Patient-Centered Educational Resources for Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 1101-1114	4.6	7
41	Successful treatment of aortic root dilatation in a patient with relapsing polychondritis. <i>Clinical Rheumatology</i> , 2013 , 32 Suppl 1, S59-61	3.9	7
40	Reliability of left ventricular ejection fraction calculated with gated myocardial perfusion single photon emission computed tomography in patients with extensive perfusion defect. <i>Nuclear Medicine Communications</i> , 2011 , 32, 503-7	1.6	7
39	Estimation of pulmonary vascular resistance: correlation between echocardiography and catheterization data in patients with congenital heart disease. <i>Echocardiography</i> , 2012 , 29, 478-83	1.5	6
38	Decreased myocardial expression of dystrophin and titin mRNA and protein in dilated cardiomyopathy: possibly an adverse effect of TNF-alpha. <i>Journal of Clinical Immunology</i> , 2010 , 30, 520-307	5.7	6
37	Obesity and Metabolic Syndrome in Atrial Fibrillation: Cardiac and Noncardiac Adipose Tissue in Atrial Fibrillation. <i>Cardiac Electrophysiology Clinics</i> , 2021 , 13, 77-86	1.4	6
36	Association Between Blood Pressure Variability With Dementia and Cognitive Impairment: A Systematic Review and Meta-Analysis. <i>Hypertension</i> , 2021 , 78, 1478-1489	8.5	6
35	Internal Versus External Electrical Cardioversion of Atrial Arrhythmia in Patients With Implantable Cardioverter-Defibrillator: A Randomized Clinical Trial. <i>Circulation</i> , 2019 , 140, 1061-1069	16.7	5
34	Oral Anticoagulation Therapy in Atrial Fibrillation Patients Managed in the Emergency Department Compared to Cardiology Outpatient: Opportunities for Improved Outcomes. <i>Heart Lung and Circulation</i> , 2019 , 28, e43-e46	1.8	5
33	Spatiotemporal characteristics of atrial fibrillation electrograms: A novel marker for arrhythmia stability and termination. <i>Journal of Arrhythmia</i> , 2017 , 33, 40-48	1.5	5
32	Sudden death of a young child due to cardiac rhabdomyoma. <i>Pediatric Cardiology</i> , 2010 , 31, 894-6	2.1	4
31	Epicardial and subcutaneous adipose tissue in Indigenous and non-Indigenous individuals: Implications for cardiometabolic diseases. <i>Obesity Research and Clinical Practice</i> , 2020 , 14, 99-102	5.4	4

30	Risk and predictors of sudden death in cardiac sarcoidosis: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2021 , 328, 130-140	3.2	4
29	Factors Contributing to Exercise Intolerance in Patients With Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2021 , 30, 947-954	1.8	4
28	Single ring isolation for atrial fibrillation ablation: How to do it and avoid the esophagus. <i>HeartRhythm Case Reports</i> , 2020 , 6, 169-173	1	3
27	Contact force and ablation assessment of surgical bipolar radiofrequency clamps in the treatment of atrial fibrillation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 28, 85-93	1.8	3
26	A novel percutaneously adjustable device for ligation of the vertical vein in the setting of obstructive totally anomalous pulmonary venous connection. <i>Cardiology in the Young</i> , 2007 , 17, 380-6	1	3
25	Quality of Warfarin Anticoagulation in Indigenous and Non-Indigenous Australians With Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2020 , 29, 1122-1128	1.8	3
24	Late-onset thyrotoxicosis after the cessation of amiodarone. <i>Indian Pacing and Electrophysiology Journal</i> , 2020 , 20, 265-268	1.5	3
23	Activation sequence change during left free wall pathway ablation: what is the mechanism?. <i>Journal of Cardiovascular Electrophysiology</i> , 2009 , 20, 1174-5	2.7	2
22	Loeffler's syndrome. <i>Pediatric Cardiology</i> , 2010 , 31, 931-2	2.1	2
21	The Role of Pericardial and Epicardial Fat in Atrial Fibrillation Pathophysiology and Ablation Outcomes. <i>Journal of Atrial Fibrillation</i> , 2013 , 5, 790	0.8	2
20	Premature Trigger of ERI in Medtronic EnRhythm Devices. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017 , 40, 624-628	1.6	1
19	Reply: BMI Reduction Decreases AF Recurrence Rate in a Mediterranean Cohort. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2265-2266	15.1	1
18	Left superior pulmonary vein rhythm masquerading as sinus rhythm. <i>Indian Pacing and Electrophysiology Journal</i> , 2011 , 11, 20-3	1.5	1
17	Single Ring Isolation With Inferior Line Sparing for Atrial Fibrillation: A Proof-of-Concept Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009552	6.4	1
16	Trends in the use, complications, and costs of permanent pacemakers in Australia: A nationwide study from 2008 to 2017. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021 , 44, 266-273	1.6	1
15	Atrial Fibrillation in Remote Indigenous and Non-Indigenous Individuals Hospitalised in Central Australia. <i>Heart Lung and Circulation</i> , 2021 , 30, 1174-1183	1.8	1
14	Role of Indices Incorporating Power, Force and Time in AF Ablation: A Systematic Review of Literature. <i>Heart Lung and Circulation</i> , 2021 , 30, 1379-1388	1.8	1
13	Does catheter ablation of atrial fibrillation eliminate the need for anticoagulation?. <i>Interventional Cardiology</i> , 2013 , 5, 171-178	3	0

12	Role of myocardial perfusion scintigraphy post invasive coronary angiography in patients with Myocardial Infarction. <i>Indian Journal of Nuclear Medicine</i> , 2010 , 25, 53-6	0.4	0
11	His-Bundle Pacing Post-Atrioventricular Node Ablation: Mapping His-Bundle Potential From "Down Under". <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 258-259	4.6	
10	Response by Ller et al to Letter Regarding Article, "Internal Versus External Electrical Cardioversion of Atrial Arrhythmia in Patients With Implantable Cardioverter-Defibrillator: A Randomized Clinical Trial". <i>Circulation</i> , 2020 , 141, e95-e96	16.7	
9	Reply: Atrial Fibrillation Is an Obesity-Related Outcome, Requiring a Body Composition-Neutral Assessment of Cardiorespiratory Fitness. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 349-50 ^{15.1}	15.1	
8	A limitation of tachycardia discrimination algorithm in a patient with hypertrophic cardiomyopathy and intermittent complete heart block. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010 , 33, 1035-7	1.6	
7	Surgical removal of duct occluder device under mild hypothermia without cardiopulmonary bypass. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 311-2	1.5	
6	An unusual cause of joint swelling. <i>Lancet, The</i> , 2010 , 375, 1109	4.0	
5	V-sense episode in a biventricular pacemaker device: what is the likely mechanism?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009 , 32, 245-7	1.6	
4	Letter by Mahajan regarding article, "a narrow QRS complex tachycardia with apparently concentric retrograde atrial activation sequence". <i>Indian Pacing and Electrophysiology Journal</i> , 2009 , 9, 213	1.5	
3	Predictors of Anticoagulation Use in Indigenous and Non-Indigenous Australians With Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2021 , 30, 707-713	1.8	
2	Reply: Benefit of Exercise in Atrial Fibrillation: Diastolic Function Matters!. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1258-1259	15.1	
1	Calcified left ventricular aneurysm. <i>Indian Heart Journal</i> , 2008 , 60, 272	1.6	