

Rishi Arora

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,545
citations

236925

25
h-index

197818

49
g-index

63
all docs

63
docs citations

63
times ranked

3302
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in renal function following cryoballoon ablation for atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2021, 60, 513-520.	1.3	3
2	Nucleoplasmic Ca ²⁺ . Circulation Research, 2021, 128, 636-638.	4.5	1
3	Autonomic Dysfunction and Neurohormonal Disorders in Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2021, 13, 183-190.	1.7	8
4	Role of t-tubule remodeling on mechanisms of abnormal calcium release during heart failure development in canine ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1658-H1669.	3.2	6
5	Epigenetics in atrial fibrillation: A reappraisal. Heart Rhythm, 2021, 18, 824-832.	0.7	4
6	Fully implantable and bioresorbable cardiac pacemakers without leads or batteries. Nature Biotechnology, 2021, 39, 1228-1238.	17.5	163
7	Impact of pre-ablation weight loss on the success of catheter ablation for atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2021, 32, 2097-2104.	1.7	10
8	Recent advances in gene therapy for atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2021, 32, 2854-2864.	1.7	3
9	Use of a novel 4D intracardiac echocardiography catheter to guide interventional electrophysiology procedures. Journal of Cardiovascular Electrophysiology, 2021, 32, 3117-3124.	1.7	10
10	A novel risk model for very late return of atrial fibrillation beyond 1 year after cryoballoon ablation: the SCALE-CryoAF score. Journal of Interventional Cardiac Electrophysiology, 2020, 58, 209-217.	1.3	13
11	Attenuation of Oxidative Injury With Targeted Expression of NADPH Oxidase 2 Short Hairpin RNA Prevents Onset and Maintenance of Electrical Remodeling in the Canine Atrium. Circulation, 2020, 142, 1261-1278.	1.6	21
12	Patient-reported outcomes after cryoballoon ablation are equivalent between moderate sedation and general anesthesia. Journal of Cardiovascular Electrophysiology, 2020, 31, 1579-1584.	1.7	10
13	Triggered Ca ²⁺ Waves Induce Depolarization of Maximum Diastolic Potential and Action Potential Prolongation in Dog Atrial Myocytes. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008179.	4.8	8
14	Repeat pulmonary vein isolation with or without FIRM-guided ablation for recurrent atrial fibrillation with pulmonary vein reconnection. Journal of Cardiovascular Electrophysiology, 2020, 31, 1031-1037.	1.7	9
15	Gene and cell based therapies for the prevention and treatment of supraventricular arrhythmias. , 2020, , 761-780.		0
16	Gene therapy for atrial fibrillation - How close to clinical implementation?. International Journal of Cardiology, 2019, 296, 177-183.	1.7	13
17	Atrial Myopathy. JACC Basic To Translational Science, 2019, 4, 640-654.	4.1	134
18	Arrhythmogenic cardiomyopathy: in search of unifying genetic theory. Cardiovascular Research, 2019, 115, 691-692.	3.8	0

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19	Cardiac regulation by the autonomic nervous system: A fine balance. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 747-748.	1.7	0
20	Patient characteristics as predictors of recurrence of atrial fibrillation following cryoballoon ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 694-704.	1.2	24
21	Autonomic Nervous System Dysfunction. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1189-1206.	2.8	159
22	Region-specific parasympathetic nerve remodeling in the left atrium contributes to creation of a vulnerable substrate for atrial fibrillation. <i>JCI Insight</i> , 2019, 4, .	5.0	18
23	Loss of p21-activated kinase 1 (Pak1) promotes atrial arrhythmic activity. <i>Heart Rhythm</i> , 2018, 15, 1233-1241.	0.7	17
24	Outcomes With Novel Oral Anticoagulants in Obese Patients who Underwent Electrical Cardioversion for Atrial Tachyarrhythmias. <i>American Journal of Cardiology</i> , 2018, 122, 1175-1178.	1.6	6
25	Oxidative stress creates a unique, CaMKII-mediated substrate for atrial fibrillation in heart failure. <i>JCI Insight</i> , 2018, 3, .	5.0	50
26	Gene Therapy for the Treatment of Cardiac Arrhythmias: Current and Emerging Applications. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2018, 9, 3440-3445.	0.5	2
27	Bronchial effects of cryoballoon ablation for atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, 12-16.	0.7	31
28	Charge balanced direct current carousselâ€”A gentler yet targeted approach to modulate sympathetic signaling in the heart. <i>Heart Rhythm</i> , 2017, 14, 1673-1674.	0.7	0
29	Regional distribution of T-tubule density in left and right atria in dogs. <i>Heart Rhythm</i> , 2017, 14, 273-281.	0.7	32
30	Triggered intracellular calcium waves in dog and human left atrial myocytes from normal and failing hearts. <i>Cardiovascular Research</i> , 2017, 113, 1688-1699.	3.8	17
31	Reconnection Rate and Long-Term Outcome with Adenosine Provocation During Cryoballoon Ablation for Pulmonary Vein Isolation. <i>Journal of Atrial Fibrillation</i> , 2017, 9, 1510.	0.5	1
32	Response to Letter Regarding Article, â€œEvaluating the Atrial Myopathy Underlying Atrial Fibrillation: Identifying the Arrhythmogenic and Thrombogenic Substrateâ€• <i>Circulation</i> , 2016, 133, e431.	1.6	0
33	The Safety of Cardiac and Thoracic Magnetic Resonance Imaging in Patients with Cardiac Implantable Electronic Devices. <i>Academic Radiology</i> , 2016, 23, 1498-1505.	2.5	35
34	Moderate Sedation Reduces Lab Time Compared to General Anesthesia during Cryoballoon Ablation for AF Without Compromising Safety or Longâ€”Term Efficacy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 1359-1365.	1.2	22
35	Constitutive Expression of a Dominant-Negative TGF-Î² Type II Receptor in the Posterior Left Atrium Leads to Beneficial Remodeling of Atrial Fibrillation Substrate. <i>Circulation Research</i> , 2016, 119, 69-82.	4.5	44
36	Modulation of Cardiac Potassium Current by Neural Tone and Ischemia. <i>Cardiac Electrophysiology Clinics</i> , 2016, 8, 349-360.	1.7	6

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37	Searching for "order" in atrial fibrillation using electrogram morphology recurrence plots. <i>Computers in Biology and Medicine</i> , 2015, 65, 220-228.	7.0	12
38	Cryoballoon versus Radiofrequency Catheter Ablation for Paroxysmal Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 483-489.	1.2	65
39	Evaluating the Atrial Myopathy Underlying Atrial Fibrillation. <i>Circulation</i> , 2015, 132, 278-291.	1.6	196
40	Epicardial atrial fat: Not quite as idle as it looks. <i>Heart Rhythm</i> , 2015, 12, 266-267.	0.7	3
41	Use of an electrocardiographic screening tool to determine candidacy for a subcutaneous implantable cardioverter-defibrillator. <i>Heart Rhythm</i> , 2014, 11, 1361-1366.	0.7	99
42	Electrogram morphology recurrence patterns during atrial fibrillation. <i>Heart Rhythm</i> , 2014, 11, 2027-2034.	0.7	59
43	How the pulmonary veins 'talk' to the sinoatrial node: new insights into an old mystery. <i>Cardiovascular Research</i> , 2013, 99, 380-381.	3.8	2
44	Contribution of Fibrosis and the Autonomic Nervous System to Atrial Fibrillation Electrograms in Heart Failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 640-649.	4.8	40
45	Recent Insights Into the Role of the Autonomic Nervous System in the Creation of Substrate for Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 850-859.	4.8	101
46	Targeted nonviral gene-based inhibition of G β /o-mediated vagal signaling in the posterior left atrium decreases vagal-induced atrial fibrillation. <i>Heart Rhythm</i> , 2011, 8, 1722-1729.	0.7	56
47	Sympathetic Imaging with 123-I-MIBG-A New Way to Predict Recurrences After AF Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1305-1308.	1.7	4
48	Autonomic Remodeling in the Left Atrium and Pulmonary Veins in Heart Failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 388-396.	4.8	98
49	Variability in Timing of Spontaneous Calcium Release in the Intact Rat Heart Is Determined by the Time Course of Sarcoplasmic Reticulum Calcium Load. <i>Circulation Research</i> , 2010, 107, 1117-1126.	4.5	79
50	Early development of intracellular calcium cycling defects in intact hearts of spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1843-H1853.	3.2	30
51	Targeted G-protein inhibition as a novel approach to decrease vagal atrial fibrillation by selective parasympathetic attenuation. <i>Cardiovascular Research</i> , 2009, 83, 481-492.	3.8	32
52	Spatiotemporal characterization of atrial activation in persistent human atrial fibrillation: Multisite electrogram analysis and surface electrocardiographic correlations—A pilot study. <i>Heart Rhythm</i> , 2008, 5, 686-693.	0.7	49
53	Neural substrate for atrial fibrillation: implications for targeted parasympathetic blockade in the posterior left atrium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H134-H144.	3.2	76
54	Role of the Autonomic Nerves system in the Creation of Substrate for Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2008, 1, 122.	0.5	0

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55	The ligament of Marshall as a parasympathetic conduit. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1629-H1635.	3.2	98
56	Unique Autonomic Profile of the Pulmonary Veins and Posterior Left Atrium. Journal of the American College of Cardiology, 2007, 49, 1340-1348.	2.8	61
57	I-123 MIBG imaging and heart rate variability analysis to predict the need for an implantable cardioverter defibrillator. Journal of Nuclear Cardiology, 2003, 10, 121-131.	2.1	156
58	Arrhythmogenic Substrate of the Pulmonary Veins Assessed by High-Resolution Optical Mapping. Circulation, 2003, 107, 1816-1821.	1.6	332
59	Optical mapping of cardiac arrhythmias. Indian Pacing and Electrophysiology Journal, 2003, 3, 187-96.	0.6	10
60	Identification of severe right ventricular dysfunction and pressure overload by stress radionuclide myocardial perfusion SPECT imaging with gating. Journal of Nuclear Cardiology, 1999, 6, 375-376.	2.1	7