

Junaid A B Zaman

List of Publications by Year in descending order

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66
papers

751
citations

567281

15
h-index

580821

25
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70
all docs

70
docs citations

70
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Implications of Ablation of Drivers for Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006119.	4.8	78
2	Natriuretic peptides like NO facilitate cardiac vagal neurotransmission and bradycardia via a cGMP pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H2318-H2327.	3.2	57
3	Mechanisms for the Termination of Atrial Fibrillation by Localized Ablation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1325-1333.	4.8	57
4	Identification and Characterization of Sites Where Persistent Atrial Fibrillation Is Terminated by Localized Ablation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005258.	4.8	43
5	Mechanistically based mapping of human cardiac fibrillation. Journal of Physiology, 2016, 594, 2399-2415.	2.9	37
6	Machine Learning to Classify Intracardiac Electrical Patterns During Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008160.	4.8	35
7	Interaction of Localized Drivers and Disorganized Activation in Persistent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005846.	4.8	33
8	Current perspectives on wearable rhythm recordings for clinical decision-making: the weHRables 2 survey. Europace, 2021, 23, 1106-1113.	1.7	30
9	Post-operative atrial fibrillation is associated with a pre-existing structural and electrical substrate in human right atrial myocardium. International Journal of Cardiology, 2016, 220, 580-588.	1.7	25
10	Rotor mapping and ablation to treat atrial fibrillation. Current Opinion in Cardiology, 2015, 30, 24-32.	1.8	22
11	The Five-Minute Moment. American Journal of Medicine, 2016, 129, 792-795.	1.5	20
12	Spatial relationship of organized rotational and focal sources in human atrial fibrillation to autonomic ganglionated plexi. International Journal of Cardiology, 2017, 240, 234-239.	1.7	20
13	The Value of Physical Examination: A New Conceptual Framework. Southern Medical Journal, 2016, 109, 754-757.	0.7	19
14	Recurrent Post-Ablation Paroxysmal Atrial Fibrillation Shares Substrates With Persistent Atrial Fibrillation. JACC: Clinical Electrophysiology, 2017, 3, 393-402.	3.2	18
15	Organized Sources Are Spatially Conserved in Recurrent Compared to Pre-Ablation Atrial Fibrillation: Further Evidence for Non-Random Electrical Substrates. Journal of Cardiovascular Electrophysiology, 2016, 27, 661-669.	1.7	17
16	Individualized ablation strategy to treat persistent atrial fibrillation: Core-to-boundary approach guided by charge-density mapping. Heart Rhythm, 2021, 18, 862-870.	0.7	17
17	Ablation of Focal Impulses and Rotational Sources: What Can Be Learned from Differing Procedural Outcomes?. Current Cardiovascular Risk Reports, 2017, 11, 1.	2.0	16
18	Interpreting Activation Mapping of Atrial Fibrillation: A Hybrid Computational/Physiological Study. Annals of Biomedical Engineering, 2018, 46, 257-269.	2.5	15

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19	The Rotor Revolution. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1230-1236.	4.8	14
20	Independent mapping methods reveal rotational activation near pulmonary veins where atrial fibrillation terminates before pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 687-695.	1.7	14
21	Diverse activation patterns during persistent atrial fibrillation by noncontact chargeâ€density mapping of human atrium. <i>Journal of Arrhythmia</i> , 2020, 36, 692-702.	1.2	14
22	The continuous challenge of AF ablation: From foci to rotational activity. <i>Revista Portuguesa De Cardiologia</i> , 2017, 36, 9-17.	0.5	12
23	The continuous challenge of AF ablation: From foci to rotational activity. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2017, 36, 9-17.	0.2	10
24	The Enduring Value of the Physical Examination. <i>Medical Clinics of North America</i> , 2018, 102, 417-423.	2.5	10
25	Early Diagnosis of Defibrillation LeadÂDislodgement. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1075-1088.	3.2	10
26	Rotational Drivers in Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	9
27	Spatial relationship of sites for atrial fibrillation drivers and atrial tachycardia in patients with both arrhythmias. <i>International Journal of Cardiology</i> , 2017, 248, 188-195.	1.7	8
28	Ablation of Atrial Fibrillation Drivers. <i>Arrhythmia and Electrophysiology Review</i> , 2017, 6, 195.	2.4	8
29	Catheter Ablation of Atrial Fibrillation in Patients With Functional Mitral Regurgitation and Left Ventricular Systolic Dysfunction. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 596491.	2.4	7
30	Reinvigorating the clinical examination for the 21st century. <i>Polish Archives of Internal Medicine</i> , 2019, 129, 907-912.	0.4	7
31	Atrial fibrillation: Can electrograms be interpreted without repolarization information?. <i>Heart Rhythm</i> , 2016, 13, 962-963.	0.7	6
32	Mapping and Ablation of Rotational and Focal Drivers in Atrial Fibrillation. <i>Cardiac Electrophysiology Clinics</i> , 2019, 11, 583-595.	1.7	6
33	Mechanistic targets for the ablation of atrial fibrillation. <i>Global Cardiology Science & Practice</i> , 2017, 2017, e201707.	0.4	6
34	Stochastic Termination of Spiral Wave Dynamics in Cardiac Tissue. <i>Frontiers in Network Physiology</i> , 2022, 2, .	1.8	6
35	Ablation of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1303-1305.	4.8	5
36	Novel aggregated multiposition noncontact mapping of atrial tachycardia in humans: From computational modeling to clinical validation. <i>Heart Rhythm</i> , 2022, 19, 61-69.	0.7	5

#	ARTICLE	IF	CITATIONS
37	Role of Rotors in the Ablative Therapy of Persistent Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 2015, 4, 47.	2.4	5
38	When Is Structure, Function? Revisiting an Old Concept in Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2015, 26, 1361-1363.	1.7	4
39	Atrial fibrillation mechanisms before and after pulmonary vein isolation characterized by noncontact charge density mapping. Heart Rhythm, 2022, 19, 1423-1432.	0.7	4
40	Ablating Atrial Fibrillation: Customizing Lesion Sets Guided by Rotor Mapping. Methodist DeBakey Cardiovascular Journal, 2021, 11, 76.	1.0	3
41	Electrocardiographic spatial loops indicate organization of atrial fibrillation minutes before ablation-related transitions to atrial tachycardia. Journal of Electrocardiology, 2017, 50, 307-315.	0.9	3
42	Management of ventricular tachycardia storm. Heart, 2021, 107, 1671-1677.	2.9	3
43	Oral Anticoagulants in Patients With Atrial Fibrillation and End-Stage Renal Disease. Journal of Cardiovascular Pharmacology and Therapeutics, 2019, 24, 499-508.	2.0	2
44	Another method that shows organization in persistent AF? That's a RAAP. Journal of Cardiovascular Electrophysiology, 2019, 30, 2713-2715.	1.7	2
45	Myocardial viability of the peri-infarct region measured by T1 mapping post manganese-enhanced MRI correlates with LV dysfunction. International Journal of Cardiology, 2019, 281, 8-14.	1.7	2
46	207â€¦Arrhythmia Inducibility in a Novel Normotensive Rodent Model of Arrhythmia is not Related to Connexin 43 Quantity and Phosphorylation States â€œ Determining the Contribution of Hypertension and ageing on the Myocardial Substrate. Heart, 2014, 100, A113.2-A114.	2.9	1
47	Mapping Ripples or Waves in Atrial Fibrillation?. Journal of Cardiovascular Electrophysiology, 2017, 28, 383-385.	1.7	1
48	Rotors in Human Atrial Fibrillation. , 2018, , 426-436.		1
49	Catheter ablation or surgery to eliminate longstanding persistent atrial fibrillation. International Journal of Cardiology, 2020, 303, 54-55.	1.7	1
50	Spectral characterization and impact of stepwise ablation protocol including LAA electrical isolation on persistent AF. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 318-326.	1.2	1
51	Future Directions for Mapping Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 0, 11, .	2.4	1
52	Particulate guanylyl cyclase and cholinergic control of cardiac excitability is site specific. Cardiovascular Research, 2002, 54, 697-698.	3.8	0
53	The contact electrogram and its architectural determinants in atrial fibrillation. Lancet, The, 2013, 381, S118.	13.7	0
54	Electrophysiological and Structural Left Ventricle Remodelling in Spontaneously Hypertensive Rat Hearts: A Multicellular Study. Biophysical Journal, 2014, 106, 122a.	0.5	0

#	ARTICLE	IF	CITATIONS
55	Mechanistic targets for the ablation of atrial fibrillation. Global Cardiology Science & Practice, 2015, 2015, 67.	0.4	0
56	189-01: Mechanisms to Explain Why Activation Maps are Limited in Identifying Sites Where Ablation Terminates Persistent Atrial Fibrillation. Europace, 2016, 18, i138-i138.	1.7	0
57	209-01: Why Are Human Atrial Fibrillation Maps So Different? Filtering Far Field Signals Using Repolarization Reveals Sources. Europace, 2016, 18, i140-i140.	1.7	0
58	96-32: Functional Substrates Are Associated with Ventricular Arrhythmia Recurrence Following Ablation. Europace, 2016, 18, i69-i69.	1.7	0
59	136-01: Repolarization Changes From Remodelling Explain Why Persistent Atrial Fibrillation Responds Less Well To Pulmonary Vein Isolation. Europace, 2016, 18, i89-i89.	1.7	0
60	136-24: Comorbidities Influence the Inability of Classical Activation Mapping to Identify Sites Where Ablation Terminates Persistent AF. Europace, 2016, 18, i96-i96.	1.7	0
61	New Mechanism-based Approaches to Ablating Persistent AF. Journal of Cardiovascular Pharmacology, 2016, 67, 1-8.	1.9	0
62	Reply. JACC: Clinical Electrophysiology, 2017, 3, 1340-1341.	3.2	0
63	Editorial commentary: What can lung transplantation teach us about the mechanisms of atrial arrhythmias?. Trends in Cardiovascular Medicine, 2018, 28, 62-63.	4.9	0
64	Ablation of Atrial Fibrillation Drivers. , 2019, , 279-291.e2.		0
65	Is there rule to the chaos: Defining stable patterns in atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2021, 32, 2404-2407.	1.7	0
66	Abstract 17299: AF Drivers Where Ablation Terminates Persistent AF Fluctuate Due to Competing Drivers but Remain Anchored in Specific Locations. Circulation, 2018, 138, .	1.6	0