# Junaid A B Zaman

List of Publications by Year
in descending order



| 66 | 751 | 566801 15 | 580395 25 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 70 | 70 | 70 | 972 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Clinical Implications of Ablation of Drivers for Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006119. | 2.1 | 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. | 1.5 | 57 |
| 3 | Mechanisms for the Termination of Atrial Fibrillation by Localized Ablation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1325-1333. | 2.1 | 57 |
| 4 | Identification and Characterization of Sites Where Persistent Atrial Fibrillation Is Terminated by Localized Ablation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005258. | 2.1 | 43 |
| 5 | Mechanistically based mapping of human cardiac fibrillation. Journal of Physiology, 2016, 594, 2399-2415. | 1.3 | 37 |
| 6 | Machine Learning to Classify Intracardiac Electrical Patterns During Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008160. | 2.1 | 35 |
| 7 | Interaction of Localized Drivers and Disorganized Activation in Persistent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005846. | 2.1 | 33 |
| 8 | Current perspectives on wearable rhythm recordings for clinical decision-making: the wEHRAbles 2 survey. Europace, 2021, 23, 1106-1113. | 0.7 | 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. | 0.8 | 25 |
| 10 | Rotor mapping and ablation to treat atrial fibrillation. Current Opinion in Cardiology, 2015, 30, 24-32. | 0.8 | 22 |
| 11 | The Five-Minute Moment. American Journal of Medicine, 2016, 129, 792-795. | 0.6 | 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. | 0.8 | 20 |
| 13 | The Value of Physical Examination: A New Conceptual Framework. Southern Medical Journal, 2016, 109, 754-757. | 0.3 | 19 |
| 14 | Recurrent Post-Ablation Paroxysmal AtrialÂFibrillation Shares Substrates WithÂPersistent Atrial Fibrillation. JACC: Clinical Electrophysiology, 2017, 3, 393-402. | 1.3 | 18 |
| 15 | Organized Sources Are Spatially Conserved in Recurrent Compared to Preâ€Ablation Atrial Fibrillation: Further Evidence for Nonâ€Random Electrical Substrates. Journal of Cardiovascular Electrophysiology, 2016, 27, 661-669. | 0.8 | 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. | 0.3 | 17 |
| 17 | Ablation of Focal Impulses and Rotational Sources: What Can Be Learned from Differing Procedural Outcomes?. Current Cardiovascular Risk Reports, 2017, 11, 1. | 0.8 | 16 |
| 18 | Interpreting Activation Mapping of Atrial Fibrillation: A Hybrid Computational/Physiological Study. Annals of Biomedical Engineering, 2018, 46, 257-269. | 1.3 | 15 |

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|---|---|---|---|
| 19 | The Rotor Revolution. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 1230-1236. | 2.1 | 14 |
| 20 | Independent mapping methods reveal rotational activation near pulmonary veins where atrial fibrillation terminates before pulmonary vein isolation. Journal of Cardiovascular Electrophysiology, 2018, 29, 687-695. | 0.8 | 14 |
| 21 | Diverse activation patterns during persistent atrial fibrillation by noncontact chargeâ€density mapping of human atrium. Journal of Arrhythmia, 2020, 36, 692-702. | 0.5 | 14 |
| 22 | The continuous challenge of AF ablation: From foci to rotational activity. Revista Portuguesa De Cardiologia, 2017, 36, 9-17. | 0.2 | 12 |
| 23 | The continuous challenge of AF ablation: From foci to rotational activity. Revista Portuguesa De Cardiologia (English Edition), 2017, 36, 9-17. | 0.2 | 10 |
| 24 | The Enduring Value of the Physical Examination. Medical Clinics of North America, 2018, 102, 417-423. | 1.1 | 10 |
| 25 | Early Diagnosis of Defibrillation LeadÂDislodgement. JACC: Clinical Electrophysiology, 2018, 4, 1075-1088. | 1.3 | 10 |
| 26 | Rotational Drivers in Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2017, 10, . | 2.1 | 9 |
| 27 | Spatial relationship of sites for atrial fibrillation drivers and atrial tachycardia in patients with both arrhythmias. International Journal of Cardiology, 2017, 248, 188-195. | 0.8 | 8 |
| 28 | Ablation of Atrial Fibrillation Drivers. Arrhythmia and Electrophysiology Review, 2017, 6, 195. | 1.3 | 8 |
| 29 | Catheter Ablation of Atrial Fibrillation in Patients With Functional Mitral Regurgitation and Left Ventricular Systolic Dysfunction. Frontiers in Cardiovascular Medicine, 2020, 7, 596491. | 1.1 | 7 |
| 30 | Reinvigorating the clinical examination for the 21st century. Polish Archives of Internal Medicine, 2019, 129, 907-912. | 0.3 | 7 |
| 31 | Atrial fibrillation: Can electrograms be interpreted without repolarization information?. Heart Rhythm, 2016, 13, 962-963. | 0.3 | 6 |
| 32 | Mapping and Ablation of Rotational and Focal Drivers in Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2019, 11, 583-595. | 0.7 | 6 |
| 33 | Mechanistic targets for the ablation of atrial fibrillation. Global Cardiology Science & Practice, 2017, 2017, e201707. | 0.3 | 6 |
| 34 | Stochastic Termination of Spiral Wave Dynamics in Cardiac Tissue. Frontiers in Network Physiology, 2022, 2, . | 0.8 | 6 |
| 35 | Ablation of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1303-1305. | 2.1 | 5 |
| 36 | Novel aggregated multiposition noncontact mapping of atrial tachycardia in humans: From computational modeling to clinical validation. Heart Rhythm, 2022, 19, 61-69. | 0.3 | 5 |

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|---|---|---|---|
| 37 | Role of Rotors in the Ablative Therapy of Persistent Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 2015, 4, 47. | 1.3 | 5 |
| 38 | When Is Structure, Function? Revisiting an Old Concept in Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2015, 26, 1361-1363. | 0.8 | 4 |
| 39 | Atrial fibrillation mechanisms before and after pulmonary vein isolation characterized by noncontact charge density mapping. Heart Rhythm, 2022, 19, 1423-1432. | 0.3 | 4 |
| 40 | Ablating Atrial Fibrillation: Customizing Lesion Sets Guided by Rotor Mapping. Methodist DeBakey Cardiovascular Journal, 2021, 11, 76. | 0.5 | 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. | 0.4 | 3 |
| 42 | Management of ventricular tachycardia storm. Heart, 2021, 107, 1671-1677. | 1.2 | 3 |
| 43 | Oral Anticoagulants in Patients With Atrial Fibrillation and End-Stage Renal Disease. Journal of Cardiovascular Pharmacology and Therapeutics, 2019, 24, 499-508. | 1.0 | 2 |
| 44 | Another method that shows organization in persistent AF? That's a RAAP. Journal of Cardiovascular Electrophysiology, 2019, 30, 2713-2715. | 0.8 | 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. | 0.8 | 2 |
| 46 | 207â€…Arrhythmia Inducibility in a Novel Normotensive Rodent Model of Arrhythmia is not Related to Connexin 43 Quantity and Phosphorylation States â€“ Determining the Contribution of Hypertension and ageing on the Myocardial Substrate. Heart, 2014, 100, A113.2-A114. | 1.2 | 1 |
| 47 | Mapping Ripples or Waves in Atrial Fibrillation?. Journal of Cardiovascular Electrophysiology, 2017, 28, 383-385. | 0.8 | 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. | 0.8 | 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. | 0.5 | 1 |
| 51 | Future Directions for Mapping Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 0, 11, . | 1.3 | 1 |
| 52 | Particulate guanylyl cyclase and cholinergic control of cardiac excitability is site specific. Cardiovascular Research, 2002, 54, 697-698. | 1.8 | 0 |
| 53 | The contact electrogram and its architectural determinants in atrial fibrillation. Lancet, The, 2013, 381, S118. | 6.3 | 0 |
| 54 | Electrophysiological and Structural Left Ventricle Remodelling in Spontaneously Hypertensive Rat Hearts: A Multicellular Study. Biophysical Journal, 2014, 106, 122a. | 0.2 | 0 |

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|---|---|---|---|
| 55 | Mechanistic targets for the ablation of atrial fibrillation. Global Cardiology Science & Practice, 2015, 2015, 67. | 0.3 | 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. | 0.7 | 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. | 0.7 | 0 |
| 58 | 96-32: Functional Substrates Are Associated with Ventricular Arrhythmia Recurrence Following Ablation. Europace, 2016, 18, i69-i69. | 0.7 | 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. | 0.7 | 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. | 0.7 | 0 |
| 61 | New Mechanism-based Approaches to Ablating Persistent AF. Journal of Cardiovascular Pharmacology, 2016, 67, 1-8. | 0.8 | 0 |
| 62 | Reply. JACC: Clinical Electrophysiology, 2017, 3, 1340-1341. | 1.3 | 0 |
| 63 | Editorial commentary: What can lung transplantation teach us about the mechanisms of atrial arrhythmias?. Trends in Cardiovascular Medicine, 2018, 28, 62-63. | 2.3 | 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. | 0.8 | 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 |