Shantanu Sarkar

List of Publications by Year
in descending order

37 papers	1,942 citations	394421 19 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	1960 citing authors

#	Article	IF	Citations
1	Temporal Association Between Episodes of Atrial Fibrillation and Risk of Ischemic Stroke. JAMA Cardiology, 2021, 6, 1364.	6.1	47
2	The missing link: Unlocking the power of cardiac rhythm monitoring device based QT interval detection. PACE - Pacing and Clinical Electrophysiology, 2021, , .	1.2	2
3	Use of Oral Anticoagulation in a Real‐World Population With Device Detected Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e018378.	3.7	4
4	Prediction of worsening heart failure events and all‐cause mortality using an individualized risk stratification strategy. ESC Heart Failure, 2020, 7, 4277-4289.	3.1	14
5	Premature ventricular contraction detection for long‐term monitoring in an implantable cardiac monitor. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 462-470.	1.2	4
6	Stroke Risk as a Function of Atrial Fibrillation Duration and CHA$_2$DS$_2$-VASc Score. Circulation, 2019, 140, 1639-1646.	1.6	178
7	Adapting detection sensitivity based on evidence of irregular sinus arrhythmia to improve atrial fibrillation detection in insertable cardiac monitors. Europace, 2018, 20, f321-f328.	1.7	27
8	Long-term detection of atrial fibrillation with insertable cardiac monitors in a real-world cryptogenic stroke population. International Journal of Cardiology, 2017, 244, 175-179.	1.7	76
9	Development and validation of a dual sensing scheme to improve accuracy of bradycardia and pause detection in an insertable cardiac monitor. Heart Rhythm, 2017, 14, 1016-1023.	0.7	16
10	Performance of a new atrial fibrillation detection algorithm in a miniaturized insertable cardiac monitor: Results from the Reveal LINQ Usability Study. Heart Rhythm, 2016, 13, 1425-1430.	0.7	130
11	Real-world performance of an enhanced atrial fibrillation detection algorithm in an insertable cardiac monitor. Heart Rhythm, 2016, 13, 1624-1630.	0.7	72
12	Real-World Experience with Insertable Cardiac Monitors to Find Atrial Fibrillation in Cryptogenic Stroke. Cerebrovascular Diseases, 2015, 40, 175-181.	1.7	47
13	Implantable device diagnostics on day of discharge identify heart failure patients at increased risk for early readmission for heart failure. European Journal of Heart Failure, 2014, 16, 419-425.	7.1	19
14	A novel algorithm to assess risk of heart failure exacerbation using ICD diagnostics: Validation from RAFT. Heart Rhythm, 2014, 11, 1626-1631.	0.7	22
15	P-wave evidence as a method for improving algorithm to detect atrial fibrillation in insertable cardiac monitors. Heart Rhythm, 2014, 11, 1575-1583.	0.7	105
16	Development of a Method to Risk Stratify Patients With Heart Failure for 30-Day Readmission Using Implantable Device Diagnostics. American Journal of Cardiology, 2013, 111, 79-84.	1.6	27
17	A Dynamic Risk Score to Identify Increased Risk for Heart Failure Decompensation. IEEE Transactions on Biomedical Engineering, 2013, 60, 147-150.	4.2	16
18	Development and validation of an integrated diagnostic algorithm derived from parameters monitored in implantable devices for identifying patients at risk for heart failure hospitalization in an ambulatory setting. European Heart Journal, 2013, 34, 2472-2480.	2.2	114

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19	Rate Control in Atrial Fibrillation: Methods for Assessment, Targets for Ventricular Rate during AF, and Clinical Relevance for Device Therapy. Journal of Atrial Fibrillation, 2013, 6, 791.	0.5	1
20	Burden of atrial fibrillation and poor rate control detected by continuous monitoring and the risk for heart failure hospitalization. American Heart Journal, 2012, 164, 616-624.	2.7	45
21	Improved Algorithm to Detect Fluid Accumulation via Intrathoracic Impedance Monitoring in Heart Failure Patients With Implantable Devices. Journal of Cardiac Failure, 2011, 17, 569-576.	1.7	21
22	Uncovering Interim Clinical Events at the Time of Clinical Encounter by Reviewing Intrathoracic Impedance Threshold Crossings. Journal of Cardiac Failure, 2011, 17, 893-898.	1.7	1
23	BURDEN OF ATRIAL FIBRILLATION AND POOR RATE CONTROL DETECTED BY CONTINUOUS MONITORING VIA IMPLANTED DEVICES IDENTIFIES WHEN A PATIENT IS AT RISK FOR HEART FAILURE HOSPITALIZATION. Journal of the American College of Cardiology, 2011, 57, E107.	2.8	2
24	A Critical Link Between Heart Failure Self-care and Intrathoracic Impedance. Journal of Cardiovascular Nursing, 2011, 26, E20-E26.	1.1	14
25	Intrathoracic Impedance vs Daily Weight Monitoring for Predicting Worsening Heart Failure Events: Results of the Fluid Accumulation Status Trial (FAST). Congestive Heart Failure, 2011, 17, 51-55.	2.0	185
26	Combined Heart Failure Device Diagnostics Identify Patients at Higher Risk of Subsequent Heart Failure Hospitalizations. Journal of the American College of Cardiology, 2010, 55, 1803-1810.	2.8	329
27	Novel Dynamic Heart Failure Risk Score Incorporating Implanted Device Diagnostic Parameters. Journal of Cardiac Failure, 2010, 16, S42.	1.7	1
28	Changes in Intrathoracic Impedance are Associated With Subsequent Risk of Hospitalizations for Acute Decompensated Heart Failure: Clinical Utility of Implanted Device Monitoring Without a Patient Alert. Journal of Cardiac Failure, 2009, 15, 475-481.	1.7	102
29	Implantable CRT device diagnostics identify patients with increased risk for heart failure hospitalization. Journal of Interventional Cardiac Electrophysiology, 2008, 23, 235-242.	1.3	55
30	A Detector for a Chronic Implantable Atrial Tachyarrhythmia Monitor. IEEE Transactions on Biomedical Engineering, 2008, 55, 1219-1224.	4.2	188
31	Adherence by Interrogation: Heart Failure Patients with Lower Treatment Adherence Demonstrate Frequent Decreases in Intra-Thoracic Impedance. Journal of Cardiac Failure, 2007, 13, S184-S185.	1.7	1
32	Management of atrial tachyarrhythmias. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 52-62.	0.8	9
33	Reduction in atrial tachycardia duration in episodes treated with atrial ATP therapy. Heart Rhythm, 2005, 2, S320.	0.7	1
34	Truncation artifact reduction in spectroscopic imaging using a dual-density spiral k-space trajectory. Magnetic Resonance Imaging, 2002, 20, 743-757.	1.8	32
35	Nonadditive Two-Way ANOVA for Event-Related fMRI Data Analysis. NeuroImage, 2001, 14, 406-416.	4.2	7
36	Activation detection in event-related fMRI data based on spatio-temporal properties. Magnetic Resonance Imaging, 2001, 19, 1149-1158.	1.8	9

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37	A hybrid technique for spectroscopic imaging with reduced truncation artifact. Magnetic Resonance Imaging, 1999, 17, 435-443.	1.8	19