

Shantanu Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

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	Combined Heart Failure Device Diagnostics Identify Patients at Higher Risk of Subsequent Heart Failure Hospitalizations. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1803-1810.	2.8	329
2	A Detector for a Chronic Implantable Atrial Tachyarrhythmia Monitor. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 1219-1224.	4.2	188
3	Intrathoracic Impedance vs Daily Weight Monitoring for Predicting Worsening Heart Failure Events: Results of the Fluid Accumulation Status Trial (FAST). <i>Congestive Heart Failure</i> , 2011, 17, 51-55.	2.0	185
4	Stroke Risk as a Function of Atrial Fibrillation Duration and CHA ₂ DS ₂ -VASc Score. <i>Circulation</i> , 2019, 140, 1639-1646.	1.6	178
5	Performance of a new atrial fibrillation detection algorithm in a miniaturized insertable cardiac monitor: Results from the Reveal LINQ Usability Study. <i>Heart Rhythm</i> , 2016, 13, 1425-1430.	0.7	130
6	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. <i>European Heart Journal</i> , 2013, 34, 2472-2480.	2.2	114
7	P-wave evidence as a method for improving algorithm to detect atrial fibrillation in insertable cardiac monitors. <i>Heart Rhythm</i> , 2014, 11, 1575-1583.	0.7	105
8	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. <i>Journal of Cardiac Failure</i> , 2009, 15, 475-481.	1.7	102
9	Long-term detection of atrial fibrillation with insertable cardiac monitors in a real-world cryptogenic stroke population. <i>International Journal of Cardiology</i> , 2017, 244, 175-179.	1.7	76
10	Real-world performance of an enhanced atrial fibrillation detection algorithm in an insertable cardiac monitor. <i>Heart Rhythm</i> , 2016, 13, 1624-1630.	0.7	72
11	Implantable CRT device diagnostics identify patients with increased risk for heart failure hospitalization. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2008, 23, 235-242.	1.3	55
12	Real-World Experience with Insertable Cardiac Monitors to Find Atrial Fibrillation in Cryptogenic Stroke. <i>Cerebrovascular Diseases</i> , 2015, 40, 175-181.	1.7	47
13	Temporal Association Between Episodes of Atrial Fibrillation and Risk of Ischemic Stroke. <i>JAMA Cardiology</i> , 2021, 6, 1364.	6.1	47
14	Burden of atrial fibrillation and poor rate control detected by continuous monitoring and the risk for heart failure hospitalization. <i>American Heart Journal</i> , 2012, 164, 616-624.	2.7	45
15	Truncation artifact reduction in spectroscopic imaging using a dual-density spiral k-space trajectory. <i>Magnetic Resonance Imaging</i> , 2002, 20, 743-757.	1.8	32
16	Development of a Method to Risk Stratify Patients With Heart Failure for 30-Day Readmission Using Implantable Device Diagnostics. <i>American Journal of Cardiology</i> , 2013, 111, 79-84.	1.6	27
17	Adapting detection sensitivity based on evidence of irregular sinus arrhythmia to improve atrial fibrillation detection in insertable cardiac monitors. <i>Europace</i> , 2018, 20, f321-f328.	1.7	27
18	A novel algorithm to assess risk of heart failure exacerbation using ICD diagnostics: Validation from RAFT. <i>Heart Rhythm</i> , 2014, 11, 1626-1631.	0.7	22

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19	Improved Algorithm to Detect Fluid Accumulation via Intrathoracic Impedance Monitoring in Heart Failure Patients With Implantable Devices. <i>Journal of Cardiac Failure</i> , 2011, 17, 569-576.	1.7	21
20	A hybrid technique for spectroscopic imaging with reduced truncation artifact. <i>Magnetic Resonance Imaging</i> , 1999, 17, 435-443.	1.8	19
21	Implantable device diagnostics on day of discharge identify heart failure patients at increased risk for early readmission for heart failure. <i>European Journal of Heart Failure</i> , 2014, 16, 419-425.	7.1	19
22	A Dynamic Risk Score to Identify Increased Risk for Heart Failure Decompensation. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 147-150.	4.2	16
23	Development and validation of a dual sensing scheme to improve accuracy of bradycardia and pause detection in an insertable cardiac monitor. <i>Heart Rhythm</i> , 2017, 14, 1016-1023.	0.7	16
24	A Critical Link Between Heart Failure Self-care and Intrathoracic Impedance. <i>Journal of Cardiovascular Nursing</i> , 2011, 26, E20-E26.	1.1	14
25	Prediction of worsening heart failure events and all-cause mortality using an individualized risk stratification strategy. <i>ESC Heart Failure</i> , 2020, 7, 4277-4289.	3.1	14
26	Activation detection in event-related fMRI data based on spatio-temporal properties. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1149-1158.	1.8	9
27	Management of atrial tachyarrhythmias. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 52-62.	0.8	9
28	Nonadditive Two-Way ANOVA for Event-Related fMRI Data Analysis. <i>NeuroImage</i> , 2001, 14, 406-416.	4.2	7
29	Use of Oral Anticoagulation in a Real-World Population With Device Detected Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e018378.	3.7	4
30	Premature ventricular contraction detection for long-term monitoring in an implantable cardiac monitor. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 462-470.	1.2	4
31	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. <i>Journal of the American College of Cardiology</i> , 2011, 57, E107.	2.8	2
32	The missing link: Unlocking the power of cardiac rhythm monitoring device based QT interval detection. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, , .	1.2	2
33	Reduction in atrial tachycardia duration in episodes treated with atrial ATP therapy. <i>Heart Rhythm</i> , 2005, 2, S320.	0.7	1
34	Adherence by Interrogation: Heart Failure Patients with Lower Treatment Adherence Demonstrate Frequent Decreases in Intra-Thoracic Impedance. <i>Journal of Cardiac Failure</i> , 2007, 13, S184-S185.	1.7	1
35	Novel Dynamic Heart Failure Risk Score Incorporating Implanted Device Diagnostic Parameters. <i>Journal of Cardiac Failure</i> , 2010, 16, S42.	1.7	1
36	Uncovering Interim Clinical Events at the Time of Clinical Encounter by Reviewing Intrathoracic Impedance Threshold Crossings. <i>Journal of Cardiac Failure</i> , 2011, 17, 893-898.	1.7	1

#	ARTICLE	IF	CITATIONS
37	Rate Control in Atrial Fibrillation: Methods for Assessment, Targets for Ventricular Rate during AF, and Clinical Relevance for Device Therapy. <i>Journal of Atrial Fibrillation</i> , 2013, 6, 791.	0.5	1