Mathijs S Van Schie

List of Publications by Year
in descending order

23 papers	153 citations	1307594 7 h-index	1372567 10 g-index
23 all docs	23 docs citations	23 times ranked	54 citing authors

#	Article	IF	Citations
1	Identification of local atrial conduction heterogeneities using high-density conduction velocity estimation. Europace, 2021, 23, 1815-1825.	1.7	22
2	Digital biomarkers and algorithms for detection of atrial fibrillation using surface electrocardiograms: A systematic review. Computers in Biology and Medicine, 2021, 133, 104404.	7.0	18
3	Sinus rhythm voltage fingerprinting in patients with mitral valve disease using a high-density epicardial mapping approach. Europace, 2021, 23, 469-478.	1.7	17
4	Identification of Low-Voltage Areas: A Unipolar, Bipolar, and Omnipolar Perspective. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009912.	4.8	14
5	Classification of sinus rhythm single potential morphology in patients with mitral valve disease. Europace, 2020, 22, 1509-1519.	1.7	11
6	Endo-Epicardial Mapping of InÂVivo Human Sinoatrial Node Activity. JACC: Clinical Electrophysiology, 2021, 7, 693-702.	3.2	11
7	Degree of Fibrosis in Human Atrial Tissue Is Not the Hallmark Driving AF. Cells, 2022, 11, 427.	4.1	11
8	Atrial electrophysiological characteristics of aging. Journal of Cardiovascular Electrophysiology, 2021, 32, 903-912.	1.7	10
9	Analyzing the effect of electrode size on electrogram and activation map properties. Computers in Biology and Medicine, 2021, 134, 104467.	7.0	7
10	Reduction of Conduction Velocity in Patients with Atrial Fibrillation. Journal of Clinical Medicine, 2021, 10, 2614.	2.4	6
11	Signal Fingerprinting as a Novel Diagnostic Tool to Identify Conduction Inhomogeneity. Frontiers in Physiology, 2021, 12, 652128.	2.8	5
12	An accurate and efficient method to train classifiers for atrial fibrillation detection in ECGs: Learning by asking better questions. Computers in Biology and Medicine, 2022, 143, 105331.	7.0	5
13	First Evidence of Atrial Conduction Disorders in Pediatric Patients With Congenital Heart Disease. JACC: Clinical Electrophysiology, 2020, 6, 1739-1743.	3.2	3
14	First-in-children epicardial mapping of the heart: unravelling arrhythmogenesis in congenital heart disease. Interactive Cardiovascular and Thoracic Surgery, 2021, 32, 137-140.	1.1	3
15	Characterization of pre-existing arrhythmogenic substrate associated with de novo early and late postoperative atrial fibrillation. International Journal of Cardiology, 2022, 363, 71-79.	1.7	3
16	Low-voltage potentials contribute to postoperative atrial fibrillation development in obese patients. Heart Rhythm, 2022, 19, 710-718.	0.7	2
17	Clinical Relevance of Sinus Rhythm Mapping to Quantify Electropathology Related to Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 0, 11, .	2.4	2
18	Novel insights in pathophysiology of postoperative atrial fibrillation. JTCVS Open, 2021, 6, 120-129.	0.5	1

#	Article	IF	Citations
19	B-AB16-01 EPICARDIAL MAPPING OF SPONTANEOUS ATRIAL EXTRASYSTOLES. Heart Rhythm, 2021, 18, S31.	0.7	1
20	In-vivo Sino-Atrial Node Mapping in Children and Adults With Congenital Heart Disease. Frontiers in Pediatrics, 0, 10, .	1.9	1
21	To the Editor—Investigating sinoatrial node activation during sinus rhythm using phase mapping. Heart Rhythm, 2021, 18, 331.	0.7	0
22	B-PO04-195 IDENTIFICATION OF LOW-VOLTAGE AREAS: A UNIPOLAR, BIPOLAR AND OMNIPOLAR PERSPECTIVE. Heart Rhythm, 2021, 18, S358.	0.7	0
23	Detection of AF-related electropathology by artificial intelligence: is the future already here?. European Heart Journal Digital Health, 0, , .	1.7	0