

Mathijs S Van Schie

List of Publications by Year in descending order

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Version: 2024-02-01

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	Degree of Fibrosis in Human Atrial Tissue Is Not the Hallmark Driving AF. <i>Cells</i> , 2022, 11, 427.	4.1	11
2	Low-voltage potentials contribute to postoperative atrial fibrillation development in obese patients. <i>Heart Rhythm</i> , 2022, 19, 710-718.	0.7	2
3	An accurate and efficient method to train classifiers for atrial fibrillation detection in ECGs: Learning by asking better questions. <i>Computers in Biology and Medicine</i> , 2022, 143, 105331.	7.0	5
4	Characterization of pre-existing arrhythmogenic substrate associated with de novo early and late postoperative atrial fibrillation. <i>International Journal of Cardiology</i> , 2022, 363, 71-79.	1.7	3
5	Sinus rhythm voltage fingerprinting in patients with mitral valve disease using a high-density epicardial mapping approach. <i>Europace</i> , 2021, 23, 469-478.	1.7	17
6	To the Editor—Investigating sinoatrial node activation during sinus rhythm using phase mapping. <i>Heart Rhythm</i> , 2021, 18, 331.	0.7	0
7	Signal Fingerprinting as a Novel Diagnostic Tool to Identify Conduction Inhomogeneity. <i>Frontiers in Physiology</i> , 2021, 12, 652128.	2.8	5
8	Atrial electrophysiological characteristics of aging. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 903-912.	1.7	10
9	Identification of local atrial conduction heterogeneities using high-density conduction velocity estimation. <i>Europace</i> , 2021, 23, 1815-1825.	1.7	22
10	Reduction of Conduction Velocity in Patients with Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2021, 10, 2614.	2.4	6
11	Digital biomarkers and algorithms for detection of atrial fibrillation using surface electrocardiograms: A systematic review. <i>Computers in Biology and Medicine</i> , 2021, 133, 104404.	7.0	18
12	Endo-Epicardial Mapping of In Vivo Human Sinoatrial Node Activity. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 693-702.	3.2	11
13	Novel insights in pathophysiology of postoperative atrial fibrillation. <i>JTCVS Open</i> , 2021, 6, 120-129.	0.5	1
14	Identification of Low-Voltage Areas: A Unipolar, Bipolar, and Omnipolar Perspective. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009912.	4.8	14
15	Analyzing the effect of electrode size on electrogram and activation map properties. <i>Computers in Biology and Medicine</i> , 2021, 134, 104467.	7.0	7
16	B-PO04-195 IDENTIFICATION OF LOW-VOLTAGE AREAS: A UNIPOLAR, BIPOLAR AND OMNIPOLAR PERSPECTIVE. <i>Heart Rhythm</i> , 2021, 18, S358.	0.7	0
17	B-AB16-01 EPICARDIAL MAPPING OF SPONTANEOUS ATRIAL EXTRASYSTOLES. <i>Heart Rhythm</i> , 2021, 18, S31.	0.7	1
18	First-in-children epicardial mapping of the heart: unravelling arrhythmogenesis in congenital heart disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 137-140.	1.1	3

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19	Classification of sinus rhythm single potential morphology in patients with mitral valve disease. <i>Europace</i> , 2020, 22, 1509-1519.	1.7	11
20	First Evidence of Atrial Conduction Disorders in Pediatric Patients With Congenital Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1739-1743.	3.2	3
21	Detection of AF-related electropathology by artificial intelligence: is the future already here?. <i>European Heart Journal Digital Health</i> , 0, , .	1.7	0
22	Clinical Relevance of Sinus Rhythm Mapping to Quantify Electropathology Related to Atrial Fibrillation. <i>Arrhythmia and Electrophysiology Review</i> , 0, 11, .	2.4	2
23	In-vivo Sino-Atrial Node Mapping in Children and Adults With Congenital Heart Disease. <i>Frontiers in Pediatrics</i> , 0, 10, .	1.9	1