Tobias Reichlin

List of Publications by Year
in descending order

201 papers	9,845 citations	61984 43 h-index	39675 94 g-index
203 all docs	203 docs citations	203 times ranked	7363 citing authors

#	ARTICLE	IF	CITATIONS
1	Early Diagnosis of Myocardial Infarction with Sensitive Cardiac Troponin Assays. New England Journal of Medicine, 2009, 361, 858-867.	27.0	1,487
2	2019 ESC Guidelines for the management of patients with supraventricular tachycardiaThe Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology (ESC). European Heart Journal, 2020, 41, 655-720.	2.2	647
3	One-Hour Rule-out and Rule-in of Acute Myocardial Infarction Using High-Sensitivity Cardiac Troponin T. Archives of Internal Medicine, 2012, 172, 1211.	3.8	439
4	Utility of Absolute and Relative Changes in Cardiac Troponin Concentrations in the Early Diagnosis of Acute Myocardial Infarction. Circulation, 2011, 124, 136-145.	1.6	405
5	Incremental Value of Copeptin for Rapid Rule Out of Acute Myocardial Infarction. Journal of the American College of Cardiology, 2009, 54, 60-68.	2.8	388
6	Validation of High-Sensitivity Troponin I in a 2-Hour Diagnostic Strategy to Assess 30-Day Outcomes in Emergency Department Patients With Possible AcuteÂCoronary Syndrome. Journal of the American College of Cardiology, 2013, 62, 1242-1249.	2.8	277
7	Early diagnosis of acute myocardial infarction in the elderly using more sensitive cardiac troponin assays. European Heart Journal, 2011, 32, 1379-1389.	2.2	253
8	Prospective validation of a 1-hour algorithm to rule-out and rule-in acute myocardial infarction using a high-sensitivity cardiac troponin T assay. Cmaj, 2015, 187, E243-E252.	2.0	195
9	Optimal Cutoff Levels of More Sensitive Cardiac Troponin Assays for the Early Diagnosis of Myocardial Infarction in Patients With Renal Dysfunction. Circulation, 2015, 131, 2041-2050.	1.6	174
10	One-hour Rule-in and Rule-out of Acute Myocardial Infarction Using High-sensitivity Cardiac Troponin I. American Journal of Medicine, 2015, 128, 861-870.e4.	1.5	174
11	Introduction of High-sensitivity Troponin Assays: Impact on Myocardial Infarction Incidence and Prognosis. American Journal of Medicine, 2012, 125, 1205-1213.e1.	1.5	170
12	Direct comparison of high-sensitivity-cardiac troponin I vs. T for the early diagnosis of acute myocardial infarction. European Heart Journal, 2014, 35, 2303-2311.	2.2	166
13	Comparison of the Efficacy and Safety of Early Rule-Out Pathways for Acute Myocardial Infarction. Circulation, 2017, 135, 1586-1596.	1.6	153
14	Prospective Validation of the 0/1-h Algorithm for Early Diagnosis of Myocardial Infarction. Journal of the American College of Cardiology, 2018, 72, 620-632.	2.8	147
15	High-Sensitivity Cardiac Troponin in the Distinction of Acute Myocardial Infarction From Acute Cardiac Noncoronary Artery Disease. Circulation, 2012, 126, 31-40.	1.6	142
16	Direct Comparison of 4 Very Early Rule-Out Strategies for Acute Myocardial Infarction Using High-Sensitivity Cardiac Troponin I. Circulation, 2017, 135, 1597-1611.	1.6	138
17	Impact of high-sensitivity cardiac troponin on use of coronary angiography, cardiac stress testing, and time to discharge in suspected acute myocardial infarction. European Heart Journal, 2016, 37, 3324-3332.	2.2	132
18	Outcome of Applying the ESC 0/1-hour Algorithm in Patients With Suspected Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 483-494.	2.8	126

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19	Assessment of microRNAs in patients with unstable angina pectoris. European Heart Journal, 2014, 35, 2106-2114.	2.2	124
20	Sex-Specific Chest Pain Characteristics in the Early Diagnosis of Acute Myocardial Infarction. JAMA Internal Medicine, 2014, 174, 241.	5.1	121
21	Two-hour Algorithm for Triage Toward Rule-out and Rule-in of Acute Myocardial Infarction Using High-sensitivity Cardiac Troponin T. American Journal of Medicine, 2015, 128, 369-379.e4.	1.5	121
22	Multi-national survey on the methods, efficacy, and safety on the post-approval clinical use of pulsed field ablation (MANIFEST-PF). Europace, 2022, 24, 1256-1266.	1.7	115
23	Misdiagnosis of Myocardial Infarction Related to Limitations of the Current Regulatory Approach to Define Clinical Decision Values for Cardiac Troponin. Circulation, 2015, 131, 2032-2040.	1.6	111
24	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. Circulation, 2018, 137, 436-451.	1.6	110
25	Clinical Validation of a Novel High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2018, 64, 1347-1360.	3.2	110
26	Use of Myeloperoxidase for Risk Stratification in Acute Heart Failure. Clinical Chemistry, 2010, 56, 944-951.	3.2	103
27	One-hour rule-in and rule-out of acute myocardial infarction using high-sensitivity cardiac troponin I. American Heart Journal, 2016, 171, 92-102.e5.	2.7	102
28	Two-Hour Algorithm for Triage toward Rule-Out and Rule-In of Acute Myocardial Infarction by Use of High-Sensitivity Cardiac Troponin I. Clinical Chemistry, 2016, 62, 494-504.	3.2	95
29	Effect of Definition on Incidence and Prognosis of Type 2 Myocardial Infarction. Journal of the American College of Cardiology, 2017, 70, 1558-1568.	2.8	94
30	Initial impedance decrease as an indicator of good catheter contact: Insights from radiofrequency ablation with force sensing catheters. Heart Rhythm, 2014, 11, 194-201.	0.7	92
31	Re-Entry Using Anatomically Determined Isthmuses. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 102-109.	4.8	91
32	Characterization of the observe zone of the ESC 2015 high-sensitivity cardiac troponin 0 h/1 h-algorithm for the early diagnosis of acute myocardial infarction. International Journal of Cardiology, 2016, 207, 238-245.	1.7	85
33	Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction. European Heart Journal, 2018, 39, 3780-3794.	2.2	78
34	Clinical Effect of Sex-Specific Cutoff Values of High-Sensitivity Cardiac Troponin T in Suspected Myocardial Infarction. JAMA Cardiology, 2016, 1, 912.	6.1	75
35	Heart Failure Therapy–Induced Early ST2 Changes May Offer Long-Term Therapy Guidance. Journal of Cardiac Failure, 2013, 19, 821-828.	1.7	69
36	Risk stratification in patients with unstable angina using absolute serial changes of 3 high-sensitive troponin assays. American Heart Journal, 2013, 165, 371-378.e3.	2.7	67

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37	Safety and efficacy of the 0 h/3 h protocol for rapid rule out of myocardial infarction. American Heart Journal, 2016, 181, 16-25.	2.7	63
38	Direct Comparison of Cardiac Myosin-Binding Protein C With Cardiac Troponins for the Early Diagnosis of Acute Myocardial Infarction. Circulation, 2017, 136, 1495-1508.	1.6	63
39	High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2019, 65, 893-904.	3.2	59
40	Combining High-Sensitivity Cardiac Troponin I and Cardiac Troponin T in the Early Diagnosis of Acute Myocardial Infarction. Circulation, 2018, 138, 989-999.	1.6	56
41	Clinical benefit of high-sensitivity cardiac troponin I in the detection of exercise-induced myocardial ischemia. American Heart Journal, 2016, 173, 8-17.	2.7	55
42	Inflammation and Immune Response in Arrhythmogenic Cardiomyopathy: State-of-the-Art Review. Circulation, 2021, 144, 1646-1655.	1.6	51
43	Silent brain infarcts impact on cognitive function in atrial fibrillation. European Heart Journal, 2022, 43, 2127-2135.	2.2	50
44	Left-Sided Ablation of Ventricular Tachycardia in Adults With Repaired Tetralogy of Fallot. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 889-897.	4.8	46
45	Accelerated diagnostic protocol using high-sensitivity cardiac troponin T in acute chest pain patients. International Journal of Cardiology, 2015, 184, 208-215.	1.7	46
46	Incidence of new-onset atrial fibrillation after cavotricuspid isthmus ablation for atrial flutter. Europace, 2017, 19, 1776-1780.	1.7	45
47	Comparison of fourteen rule-out strategies for acute myocardial infarction. International Journal of Cardiology, 2019, 283, 41-47.	1.7	45
48	Surgical cryoablation for ventricular tachyarrhythmia arising from the left ventricular outflow tract region. Heart Rhythm, 2015, 12, 1128-1136.	0.7	44
49	Incremental value of copeptin to highly sensitive cardiac Troponin I for rapid rule-out of myocardial infarction. International Journal of Cardiology, 2015, 190, 170-176.	1.7	44
50	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. Heart, 2019, 105, 1423-1431.	2.9	42
51	Incidence and Predictors of Atrial Fibrillation Progression. Journal of the American Heart Association, 2019, 8, e012554.	3.7	41
52	Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. Clinical Chemistry, 2019, 65, 1426-1436.	3.2	41
53	Feasibility, Efficacy, and Safety of Radiofrequency Ablation of Atrial Fibrillation Guided by Monitoring of the Initial Impedance Decrease as a Surrogate of Catheter Contact. Journal of Cardiovascular Electrophysiology, 2015, 26, 390-396.	1.7	40
54	B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. Circulation, 2019, 139, 2403-2418.	1.6	40

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55	Impact of general anesthesia on initiation and stability of VT during catheter ablation. Heart Rhythm, 2015, 12, 2213-2220.	0.7	38
56	Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. Clinical Chemistry, 2019, 65, 1437-1447.	3.2	36
57	Early diagnosis of acute myocardial infarction in patients with mild elevations of cardiac troponin. Clinical Research in Cardiology, 2017, 106, 457-467.	3.3	35
58	Direct Comparison of 2 Rule-Out Strategies for Acute Myocardial Infarction: 2-h Accelerated Diagnostic Protocol vs 2-h Algorithm. Clinical Chemistry, 2017, 63, 1227-1236.	3.2	35
59	Early rule-out and rule-in of myocardial infarction using sensitive cardiac Troponin I. International Journal of Cardiology, 2015, 195, 163-170.	1.7	31
60	Incremental Value of a Single High-sensitivity Cardiac Troponin I Measurement to Rule Out Myocardial Ischemia. American Journal of Medicine, 2015, 128, 638-646.	1.5	31
61	Contact force and impedance decrease during ablation depends on catheter location and orientation: insights from pulmonary vein isolation using a contact force-sensing catheter. Journal of Interventional Cardiac Electrophysiology, 2015, 43, 297-306.	1.3	30
62	Prospective Validation of a Biomarker-Based Rule Out Strategy for Functionally Relevant Coronary Artery Disease. Clinical Chemistry, 2018, 64, 386-395.	3.2	30
63	Usefulness of Genetic Testing in Sudden Cardiac Arrest Survivors With or Without Previous Clinical Evidence of Heart Disease. American Journal of Cardiology, 2019, 123, 2031-2038.	1.6	30
64	Leadless atrioventricular synchronous pacing in an outpatient setting: Early lessons learned on factors affecting atrioventricular synchrony. Heart Rhythm, 2022, 19, 748-756.	0.7	30
65	Predicting Major Adverse Events in Patients With Acute Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 842-854.	2.8	28
66	Prospective validation of current quantitative electrocardiographic criteria for ST-elevation myocardial infarction. International Journal of Cardiology, 2019, 292, 1-12.	1.7	27
67	Left atrial anatomy, atrial fibrillation burden, and P-wave duration—relationships and predictors for single-procedure success after pulmonary vein isolation. Europace, 2018, 20, 271-278.	1.7	26
68	Prevalence of Pulmonary Embolism in Patients With Syncope. Journal of the American College of Cardiology, 2019, 74, 744-754.	2.8	26
69	Incidence of and predictors for appropriate implantable cardioverter-defibrillator therapy in patients with a secondary preventive implantable cardioverter-defibrillator indication. Europace, 2016, 18, 227-231.	1.7	25
70	Our Approach to Maximizing the Durability of Pulmonary Vein Isolation During a Paroxysmal Atrial Fibrillation Ablation Procedure. Journal of Cardiovascular Electrophysiology, 2012, 23, 1272-1276.	1.7	24
71	Association of ECG parameters with late gadolinium enhancement and outcome in patients with clinical suspicion of acute or subacute myocarditis referred for CMR imaging. PLoS ONE, 2020, 15, e0227134.	2.5	24
72	Incremental value of copeptin in suspected acute myocardial infarction very early after symptom onset. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 407-415.	1.0	23

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73	Stereotactic Radiotherapy for the Management of Refractory Ventricular Tachycardia: Promise and Future Directions. Frontiers in Cardiovascular Medicine, 2020, 7, 108.	2.4	23
74	Sex-Related Differences in Cardiac Channelopathies. Circulation, 2021, 143, 739-752.	1.6	23
75	Prevalence, characteristics and outcome of non-cardiac chest pain and elevated copeptin levels. Heart, 2014, 100, 1708-1714.	2.9	22
76	Direct comparison of cardiac troponin I and cardiac troponin T in the detection of exercise-induced myocardial ischemia. Clinical Biochemistry, 2016, 49, 421-432.	1.9	21
77	Clinical impact of the 2010â€"2012 low-end shift of high-sensitivity cardiac troponin T. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 399-408.	1.0	20
78	Direct Comparison of Cardiac Troponin T and I Using a Uniform and a Sex-Specific Approach in the Detection of Functionally Relevant Coronary Artery Disease. Clinical Chemistry, 2018, 64, 1596-1606.	3.2	19
79	Early Diagnosis of Myocardial Infarction with Sensitive Cardiac Troponin Assays. Clinical Chemistry, 2019, 65, 490-491.	3.2	19
80	B-type Natriuretic Peptide and Clinical Judgment in the Detection of Exercise-induced Myocardial Ischemia. American Journal of Medicine, 2014, 127, 427-435.	1.5	18
81	Intersubject variability and intrasubject reproducibility of 12-lead ECG metrics: Implications for human verification. Journal of Electrocardiology, 2016, 49, 784-789.	0.9	18
82	An algorithm for rule-in and rule-out of acute myocardial infarction using a novel troponin I assay. Heart, 2017, 103, 125-131.	2.9	18
83	Impact of the US Food and Drug Administrationâ€"Approved Sex-Specific Cutoff Values for High-Sensitivity Cardiac Troponin T to Diagnose Myocardial Infarction. Circulation, 2018, 137, 1867-1869.	1.6	18
84	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. International Journal of Cardiology, 2018, 269, 114-121.	1.7	18
85	Incremental diagnostic and prognostic value of the QRS-T angle, a 12-lead ECG marker quantifying heterogeneity of depolarization and repolarization, in patients with suspected non-ST-elevation myocardial infarction. International Journal of Cardiology, 2019, 277, 8-15.	1.7	18
86	Valvular and Nonvalvular AtrialÂFibrillation in Patients Undergoing Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2124-2133.	2.9	18
87	Incremental value of heart-type fatty acid-binding protein in suspected acute myocardial infarction early after symptom onset. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 185-192.	1.0	17
88	Advanced ECG in 2016: is there more than just a tracing?. Swiss Medical Weekly, 2016, 146, w14303.	1.6	17
89	Fluoroscopy-Free Pulmonary Vein Isolation in Patients with Atrial Fibrillation and a Patent Foramen Ovale Using Solely an Electroanatomic Mapping System. PLoS ONE, 2016, 11, e0148059.	2.5	16
90	Diagnostic and prognostic values of the V-index, a novel ECG marker quantifying spatial heterogeneity of ventricular repolarization, in patients with symptoms suggestive of non-ST-elevation myocardial infarction. International Journal of Cardiology, 2017, 236, 23-29.	1.7	16

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91	Gender-specific uncertainties in the diagnosis of acute coronary syndrome. Clinical Research in Cardiology, 2017, 106, 28-37.	3.3	16
92	Prohormones in the Early Diagnosis of Cardiac Syncope. Journal of the American Heart Association, 2017, 6, .	3.7	16
93	Fundamental characterization of conductive intracardiac communication for leadless multisite pacemaker systems. IEEE Transactions on Biomedical Circuits and Systems, 2018, 13, 1-1.	4.0	16
94	Association of Diabetes With Atrial Fibrillation Phenotype and Cardiac and Neurological Comorbidities: Insights From the Swissâ€AF Study. Journal of the American Heart Association, 2021, 10, e021800.	3.7	16
95	Validation of a multipolar pulsed-field ablation catheter for endpoint assessment in pulmonary vein isolation procedures. Europace, 2022, 24, 1248-1255.	1.7	16
96	Diagnostic and Prognostic Utility of Circulating Cytochrome <i>c</i> in Acute Myocardial Infarction. Circulation Research, 2016, 119, 1339-1346.	4.5	15
97	Early release of high-sensitive cardiac troponin during complex catheter ablation for ventricular tachycardia and atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2016, 47, 69-74.	1.3	15
98	Leadless pacemaker implantation quality: importance of the operatorâ€™s experience. Europace, 2020, 22, 939-946.	1.7	15
99	Renal Function and Body Mass Index Contribute to Serum Neurofilament Light Chain Levels in Elderly Patients With Atrial Fibrillation. Frontiers in Neuroscience, 2022, 16, 819010.	2.8	15
100	Effective reduction of fluoroscopy duration by using an advanced electroanatomic-mapping system and a standardized procedural protocol for ablation of atrial fibrillation: 'the unleaded study'. Europace, 2015, 17, 1694-9.	1.7	14
101	Inter-lead correlation analysis for automated detection of cable reversals in 12/16-lead ECG. Computer Methods and Programs in Biomedicine, 2016, 134, 31-41.	4.7	14
102	A miniaturized endocardial electromagnetic energy harvester for leadless cardiac pacemakers. PLoS ONE, 2020, 15, e0239667.	2.5	14
103	Effect of a Proposed Modification of the Type 1 and Type 2 Myocardial Infarction Definition on Incidence and Prognosis. Circulation, 2020, 142, 2083-2085.	1.6	14
104	Using High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia in Symptomatic Patients. Annals of Internal Medicine, 2020, 172, 175.	3.9	14
105	Validation of the 2019 Expert Consensus Algorithm for the Management of Conduction Disturbances After TAVR. JACC: Cardiovascular Interventions, 2021, 14, 981-991.	2.9	14
106	QTc interval, cardiovascular events and mortality in patients with atrial fibrillation. International Journal of Cardiology, 2018, 252, 101-105.	1.7	14
107	Combining high-sensitivity cardiac troponin and B-type natriuretic peptide in the detection of inducible myocardial ischemia. Clinical Biochemistry, 2018, 52, 33-40.	1.9	13
108	Diagnostic and prognostic value of QRS duration and QTc interval in patients with suspected myocardial infarction. Cardiology Journal, 2018, 25, 601-610.	1.2	13

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109	Leadless cardiac resynchronization therapy: An in vivo proof-of-concept study of wireless pacemaker synchronization. Heart Rhythm, 2019, 16, 936-942.	0.7	12
110	Technical and procedural comparison of two different cryoballoon ablation systems in patients with atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2022, 64, 409-416.	1.3	12
111	Dexmedetomidine versus propofol for operator-directed nurse-administered procedural sedation during catheter ablation of atrial fibrillation: A randomized controlled study. Heart Rhythm, 2022, 19, 691-700.	0.7	12
112	Intracardiac Turbines Suitable for Catheter-Based Implantation—An Approach to Power Battery and Leadless Cardiac Pacemakers?. IEEE Transactions on Biomedical Engineering, 2020, 67, 1159-1166.	4.2	11
113	Impact of contact force sensing technology on outcome of catheter ablation of idiopathic pre-mature ventricular contractions originating from the outflow tracts. Europace, 2021, 23, 603-609.	1.7	11
114	Permanent pacemaker implantation late after transcatheter aortic valve implantation. Heart Rhythm, 2021, 18, 2033-2039.	0.7	11
115	Evolution of tricuspid valve regurgitation after implantation of a leadless pacemaker: A single center experience, systematic review, and meta-analysis. Journal of Cardiovascular Electrophysiology, 2022, 33, 1617-1627.	1.7	11
116	Efficacy and safety of a novel cryoballoon ablation system: multicentre comparison of 1-year outcome. Europace, 2022, 24, 1926-1932.	1.7	11
117	Diagnostic and Prognostic Value of Uric Acid in Patients with Acute Dyspnea. American Journal of Medicine, 2009, 122, 1054.e7-1054.e14.	1.5	10
118	High-sensitive cardiac troponin T as a predictor of efficacy and safety after pulmonary vein isolation using focal radiofrequency, multielectrode radiofrequency and cryoballoon ablation catheter. Open Heart, 2019, 6, e000949.	2.3	10
119	Clinical utility of circulating interleukin-6 concentrations in the detection of functionally relevant coronary artery disease. International Journal of Cardiology, 2019, 275, 20-25.	1.7	10
120	Unexpected high failure rate of a specific MicroPort/LivaNova/Sorin pacing lead. Heart Rhythm, 2021, 18, 41-49.	0.7	10
121	Utility of C-terminal Proendothelin in the Early Diagnosis and Risk Stratification of Patients With Suspected Acute Myocardial Infarction. Canadian Journal of Cardiology, 2014, 30, 195-203.	1.7	9
122	Delayed release of brain natriuretic peptide to identify myocardial ischaemia. European Journal of Clinical Investigation, 2015, 45, 1175-1183.	3.4	9
123	Cardiomyocyte injury induced by hemodynamic cardiac stress: Differential release of cardiac biomarkers. Clinical Biochemistry, 2015, 48, 1225-1229.	1.9	9
124	One-year follow-up after irrigated multi-electrode radiofrequency ablation of persistent atrial fibrillation. Europace, 2016, 18, 85-91.	1.7	9
125	Diagnostic value of the cardiac electrical biomarker, a novel <scp>ECG</scp> marker indicating myocardial injury, in patients with symptoms suggestive of non‐<scp>ST</scp>‐elevation myocardial infarction. Annals of Noninvasive Electrocardiology, 2018, 23, e12538.	1.1	9
126	Radiofrequency ablation lesion assessment using optical coherence tomography — a proof‐of‐concept study. Journal of Cardiovascular Electrophysiology, 2019, 30, 934-940.	1.7	9

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127	Prevalence and Management of Atrial Thrombi in Patients With Atrial Fibrillation Before Pulmonary Vein Isolation. JACC: Clinical Electrophysiology, 2019, 5, 1406-1414.	3.2	9
128	Migraine and atrial fibrillation: a systematic review. European Journal of Neurology, 2022, 29, 910-920.	3.3	9
129	QRS micro-fragmentation as a mortality predictor. European Heart Journal, 2022, 43, 4177-4191.	2.2	9
130	The Relationship between Enhancing Left Atrial Adipose Tissue at CT and Recurrent Atrial Fibrillation. Radiology, 2022, 305, 56-65.	7.3	9
131	Novel insights into the pathophysiology of different forms of stress testing. Clinical Biochemistry, 2014, 47, 338-343.	1.9	8
132	X-ray-free implantation of a permanent pacemaker during pregnancy using a 3D electro-anatomic mapping system. European Heart Journal, 2015, 36, 2790.1-2790.	2.2	8
133	Effects of hemolysis on the diagnostic accuracy of cardiac troponin I for the diagnosis of myocardial infarction. International Journal of Cardiology, 2015, 187, 313-315.	1.7	8
134	Diagnostic and Prognostic Value of Lead aVR During Exercise Testing in Patients Suspected of Having Myocardial Ischemia. American Journal of Cardiology, 2017, 119, 959-966.	1.6	8
135	Incidence, characteristics, determinants, and prognostic impact of recurrent syncope. Europace, 2020, 22, 1885-1895.	1.7	8
136	Diagnostic and prognostic values of the QRSâ€“T angle in patients with suspected acute decompensated heart failure. ESC Heart Failure, 2020, 7, 1817-1829.	3.1	8
137	Efficacy and safety of ethanol infusion into the vein of Marshall for mitral isthmus ablation. Journal of Cardiovascular Electrophysiology, 2021, 32, 1610-1619.	1.7	8
138	Reliability of luminal oesophageal temperature monitoring during radiofrequency ablation of atrial fibrillation: insights from probe visualization and oesophageal reconstruction using magnetic resonance imaging. Europace, 2017, 19, euw129.	1.7	7
139	Diagnostic value of ST-segment deviations during cardiac exercise stress testing: Systematic comparison of different ECG leads and time-points. International Journal of Cardiology, 2017, 238, 166-172.	1.7	7
140	Circadian, weekly, seasonal, and temperature-dependent patterns of syncope aetiology in patients at increased risk of cardiac syncope. Europace, 2019, 21, 511-521.	1.7	7
141	Predicting Acute Myocardial Infarction with a Single Blood Draw. Clinical Chemistry, 2019, 65, 437-450.	3.2	7
142	Predicting defibrillator benefit in patients with cardiac resynchronization therapy: A competing risk study. Heart Rhythm, 2019, 16, 1057-1064.	0.7	7
143	Repetitive inappropriate implantable cardioverter-defibrillator shocks due to insulation failure with externalized conductor cables of a Biotronik Linox SD ICD lead. Europace, 2016, 18, 686-686.	1.7	6
144	Electroanatomic mapping of atrial tachycardiaâ€"Manual vs automated annotation. HeartRhythm Case Reports, 2017, 3, 145-147.	0.4	6

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145	Use of the wearable cardioverter-defibrillator – the Swiss experience. Swiss Medical Weekly, 2020, 150, w20343.	1.6	6
146	Association of diabetes with atrial fibrillation types: a systematic review and meta-analysis. Cardiovascular Diabetology, 2021, 20, 230.	6.8	6
147	Incidence and timing of serious arrhythmias after early revascularization in non ST-elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2015, 4, 359-364.	1.0	5
148	A quantitative comparison of the electrical and anatomical definition of the pulmonary vein ostium. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 1213-1217.	1.2	5
149	Case report: electrical storm during induced hypothermia in a patient with early repolarization. BMC Cardiovascular Disorders, 2017, 17, 277.	1.7	5
150	Reassessment of cardiovascular parameters and comorbidities in implantable cardioverter‐defibrillator patients at the time of first replacement. Clinical Cardiology, 2018, 41, 57-62.	1.8	5
151	Effect of Acute Coronary Syndrome Probability on Diagnostic and Prognostic Performance of High-Sensitivity Cardiac Troponin. Clinical Chemistry, 2018, 64, 515-525.	3.2	5
152	Burden-based classification of atrial fibrillation predicts multiple-procedure success of pulmonary vein isolation. Journal of Cardiology, 2019, 74, 53-59.	1.9	5
153	Early kinetics of cardiac troponin in suspected acute myocardial infarction. Revista Espanola De Cardiologia (English Ed), 2021, 74, 502-509.	0.6	5
154	First-degree atrioventricular block in patients with atrial fibrillation and atrial flutter: the prevalence of intra-atrial conduction delay. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 421-425.	1.3	5
155	Q waves are the strongest electrocardiographic variable associated with primary prophylactic implantable cardioverter-defibrillator benefit: a prospective multicentre study. Europace, 2022, 24, 774-783.	1.7	5
156	Incidence and Predictors of Cardiomyocyte Injury in Elective Coronary Angiography. American Journal of Medicine, 2016, 129, 537.e1-537.e8.	1.5	4
157	Automatically computed ECG algorithm for the quantification of myocardial scar and the prediction of mortality. Clinical Research in Cardiology, 2018, 107, 824-835.	3.3	4
158	Paroxysmal atrial fibrillation recurrence after redo procedure-ablation modality impact. Journal of Interventional Cardiac Electrophysiology, 2020, 57, 77-85.	1.3	4
159	Electrocardiogram as a predictor of survival without appropriate shocks in primary prophylactic ICD patients: A retrospective multi-center study. International Journal of Cardiology, 2020, 309, 78-83.	1.7	4
160	Cryoballoon pulmonary vein isolation as first line treatment for typical atrial flutter (CRAFT): study protocol for a randomised controlled trial. Journal of Interventional Cardiac Electrophysiology, 2021, 60, 427-432.	1.3	4
161	Swiss National Registry on Catheter Ablation Procedures: Changing Trends over the Last 20 Years. Journal of Clinical Medicine, 2021, 10, 3021.	2.4	4
162	Prospective Evaluation of a Standardized Screening for Atrial Fibrillation after Ablation of Cavotricuspid Isthmus Dependent Atrial Flutter. Journal of Clinical Medicine, 2021, 10, 4453.	2.4	4

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163	Persistent improvement of ejection fraction in patients with a cardiac resynchronisation therapy defibrillator correlates with fewer appropriate ICD interventions and lower mortality. Swiss Medical Weekly, 2016, 146, w14300.	1.6	4
164	Age and Sex Specific Prevalence of Clinical and Screen-Detected Atrial Fibrillation in Hospitalized Patients. Journal of Clinical Medicine, 2021, 10, 4871.	2.4	4
165	Differences in Atrial Remodeling in Hypertrophic Cardiomyopathy Compared to Hypertensive Heart Disease and Athletes' Hearts. Journal of Clinical Medicine, 2022, 11, 1316.	2.4	4
166	Mitochondrial Damage-associated Molecular Patterns as Potential Biomarkers in DCD Heart Transplantation: Lessons From Myocardial Infarction and Cardiac Arrest. Transplantation Direct, 2022, 8, e1265.	1.6	4
167	Midregional pro-A-type natriuretic peptide for the evaluation of exercise intolerance. International Journal of Cardiology, 2010, 145, 326-328.	1.7	3
168	Diagnosis of malignant coronary vasospasm by 12-lead Holter electrocardiogram and optical coherence tomography. European Heart Journal, 2019, 40, 3442-3442.	2.2	3
169	Incremental value of high-frequency QRS analysis for diagnosis and prognosis in suspected exercise-induced myocardial ischaemia. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 836-847.	1.0	3
170	Man vs machine: Performance of manual vs automated electrocardiogram analysis for predicting the chamber of origin of idiopathic ventricular arrhythmia. Journal of Cardiovascular Electrophysiology, 2020, 31, 410-416.	1.7	3
171	Diagnostic and prognostic value of ST-segment deviation scores in suspected acute myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 857-868.	1.0	3
172	The SilenT AtRial FIBrillation (STAR-FIB) study programme – design and rationale. Swiss Medical Weekly, 2021, 151, w20421.	1.6	3
173	Automated electrocardiographic quantification of myocardial scar in patients undergoing primary prevention implantable cardioverter-defibrillator implantation: Association with mortality and subsequent appropriate and inappropriate therapies. Heart Rhythm, 2020, 17, 1664-1671.	0.7	3
174	Serial changes in highly sensitive cardiac troponin improve the early diagnosis of acute myocardial infarction. Evidence-Based Medicine, 2012, 17, e10-e10.	0.6	2
175	First clinical experience of a dedicated irrigated-tip radiofrequency ablation catheter for the ablation of cavotricuspid isthmus-dependent atrial flutter. Clinical Research in Cardiology, 2018, 107, 281-286.	3.3	2
176	Association of the CHA2D(S2)-VASc Score and Its Components With Overt and Silent Ischemic Brain Lesions in Patients With Atrial Fibrillation. Frontiers in Neurology, 2020, 11, 609234.	2.4	2
177	Systemic Corticosteroid Exposure and Atrioventricular Conductance Delays After Transcatheter Aortic Valve Implantation. Cardiovascular Revascularization Medicine, 2022, 37, 1-6.	0.8	2
178	Clinical presentation of patients with prior coronary artery bypass grafting and suspected acute myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 746-755.	1.0	2
179	Isolation of an Automatic Purkinje Focus for Ablation of an Incessant Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 1275-1276.	4.8	1
180	Never Out of the Woods: Onset of Events in Long QT Syndrome Late in Life Provoked by Atrial Arrhythmias. Indian Pacing and Electrophysiology Journal, 2014, 14, 263-267.	0.6	1

#	ARTICLE	IF	CITATIONS
181	How to Reach the Left Atrium in Atrial Fibrillation Ablation?. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e006744.	4.8	1
182	Functional Assessment of the ConductionÂSystem. JACC: Cardiovascular Interventions, 2020, 13, 1055-1057.	2.9	1
183	Identifying coronary artery disease patients at risk for sudden and/or arrhythmic death: remaining limitations of the electrocardiogram. European Heart Journal, 2020, 41, 2911-2912.	2.2	1
184	Noncentrifugal activation patterns in focal RVOT PVC/VT: New insights from high density multielectrode mapping. Journal of Cardiovascular Electrophysiology, 2021, 32, 102-109.	1.7	1
185	High Incidence of Inappropriate Alarms in Patients with Wearable Cardioverter-Defibrillators: Findings from the Swiss WCD Registry. Journal of Clinical Medicine, 2021, 10, 3811.	2.4	1
186	Predictors for early mortality and arrhythmic events in patients with cardiac resynchronization therapy with defibrillator: A two center cohort study. Cardiology Journal, 2020, 26, 711-716.	1.2	1
187	Catheter Ablation of Atrial Fibrillation in Patients with Previous Lobectomy or Partial Lung Resection: Long-Term Results of an International Multicenter Study. Journal of Clinical Medicine, 2022, 11, 1481.	2.4	1
188	Association of pulmonary vein isolation and major cardiovascular events in patients with atrial fibrillation. Clinical Research in Cardiology, 2022, , 1.	3.3	1
189	Retrograde placement of a defibrillator lead through the pulmonary valve. Heart Rhythm, 2012, 9, 315-316.	0.7	0
190	Accuracy of very low concentration of cTn, below the 99th, for the diagnosis of acute myocardial infarction: Comments about Lippi's and coll. letter. International Journal of Cardiology, 2014, 171, e13.	1.7	0
191	Prevalence and determinants of exerciseâ€induced left ventricular dysfunction in patients with coronary artery disease. European Journal of Clinical Investigation, 2019, 49, e13112.	3.4	0
192	High incidence of diaphragmatic myopotential oversensing by a specific implantable cardioverter defibrillator. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 234-239.	1.2	0
193	Preâ€procedural arrhythmia burden and the outcome of catheter ablation of idiopathic premature ventricular complexes. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 703-710.	1.2	0
194	Catheter-Induced Cement Embolism During Attempted Ablation Procedure. JACC: Case Reports, 2021, 3, 1114-1118.	0.6	0
195	A Robot Mimicking Heart Motions: An Ex-Vivo Test Approach for Cardiac Devices. Cardiovascular Engineering and Technology, 2021, , 1.	1.6	0
196	Reply toâ€"MicroPort CRM considerations on Beflex/Vega pacing lead performance. Heart Rhythm, 2021, 18, 1634-1635.	0.7	0
197	Myocardial Histopathology Studies in Brugada Syndrome Decedents. Journal of the American College of Cardiology, 2021, 78, 1522-1524.	2.8	0
198	High-sensitivity cardiac Troponin T delta concentration after repeat pulmonary vein isolation. Biochemia Medica, 2019, 29, 407-412.	2.7	0

#	Article	IF	Citations
199	Association between ventricular repolarization parameters and cardiovascular death in patients of the SWISS-AF cohort. International Journal of Cardiology, 2022, , .	1.7	0
200	A second chance to make a first impression â€" Parylene C residuals staining the surface of cardiac implantable electronic devices. Heart Rhythm, 2022, , .	0.7	0
201	Modulation Scheme Analysis for Low-Power Leadless Pacemaker Synchronization Based on Conductive Intracardiac Communication. IEEE Transactions on Biomedical Circuits and Systems, 2022, 16, 419-429.	4.0	0