Tobias Reichlin

List of Publications by Year
in descending order

201	9,845	61984 43	39675 94
papers	citations	h-index	g-index

203	203	203	7363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Systemic Corticosteroid Exposure and Atrioventricular Conductance Delays After Transcatheter Aortic Valve Implantation. Cardiovascular Revascularization Medicine, 2022, 37, 1-6.	0.8	2
3	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
4	Migraine and atrial fibrillation: a systematic review. European Journal of Neurology, 2022, 29, 910-920.	3.3	9
5	Silent brain infarcts impact on cognitive function in atrial fibrillation. European Heart Journal, 2022, 43, 2127-2135.	2.2	50
6	QRS micro-fragmentation as a mortality predictor. European Heart Journal, 2022, 43, 4177-4191.	2.2	9
7	Validation of a multipolar pulsed-field ablation catheter for endpoint assessment in pulmonary vein isolation procedures. Europace, 2022, 24, 1248-1255.	1.7	16
8	Differences in Atrial Remodeling in Hypertrophic Cardiomyopathy Compared to Hypertensive Heart Disease and Athletesâ€™ Hearts. Journal of Clinical Medicine, 2022, 11, 1316.	2.4	4
9	Association between ventricular repolarization parameters and cardiovascular death in patients of the SWISS-AF cohort. International Journal of Cardiology, 2022, , .	1.7	0
10	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
11	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
12	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
13	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
14	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
15	Association of pulmonary vein isolation and major cardiovascular events in patients with atrial fibrillation. Clinical Research in Cardiology, 2022, , 1.	3.3	1
16	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
17	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
18	Evolution of tricuspid valve regurgitation after implantation of a leadless pacemaker: A single center experience, systematic review, and metaâ€analysis. Journal of Cardiovascular Electrophysiology, 2022, 33, 1617-1627.	1.7	11

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19	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
20	The Relationship between Enhancing Left Atrial Adipose Tissue at CT and Recurrent Atrial Fibrillation. Radiology, 2022, 305, 56-65.	7.3	9
21	Efficacy and safety of a novel cryoballoon ablation system: multicentre comparison of 1-year outcome. Europace, 2022, 24, 1926-1932.	1.7	11
22	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
23	Early kinetics of cardiac troponin in suspected acute myocardial infarction. Revista Espanola De Cardiologia (English Ed), 2021, 74, 502-509.	0.6	5
24	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
25	Unexpected high failure rate of a specific MicroPort/LivaNova/Sorin pacing lead. Heart Rhythm, 2021, 18, 41-49.	0.7	10
26	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
27	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
28	The SilenT AtRial FIBrillation (STAR-FIB) study programme â€“ design and rationale. Swiss Medical Weekly, 2021, 151, w20421.	1.6	3
29	Sex-Related Differences in Cardiac Channelopathies. Circulation, 2021, 143, 739-752.	1.6	23
30	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
31	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
32	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
33	Catheter-Induced Cement Embolism During Attempted Ablation Procedure. JACC: Case Reports, 2021, 3, 1114-1118.	0.6	0
34	Swiss National Registry on Catheter Ablation Procedures: Changing Trends over the Last 20 Years. Journal of Clinical Medicine, 2021, 10, 3021.	2.4	4
35	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
36	A Robot Mimicking Heart Motions: An Ex-Vivo Test Approach for Cardiac Devices. Cardiovascular Engineering and Technology, 2021, , 1.	1.6	0

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37	Permanent pacemaker implantation late after transcatheter aortic valve implantation. Heart Rhythm, 2021, 18, 2033-2039.	0.7	11
38	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
39	Reply toâ€"MicroPort CRM considerations on Beflex/Vega pacing lead performance. Heart Rhythm, 2021, 18, 1634-1635.	0.7	0
40	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
41	Myocardial Histopathology Studies in Brugada Syndrome Decedents. Journal of the American College of Cardiology, 2021, 78, 1522-1524.	2.8	0
42	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
43	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
44	Inflammation and Immune Response in Arrhythmogenic Cardiomyopathy: State-of-the-Art Review. Circulation, 2021, 144, 1646-1655.	1.6	51
45	Association of diabetes with atrial fibrillation types: a systematic review and meta-analysis. Cardiovascular Diabetology, 2021, 20, 230.	6.8	6
46	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
47	Intracardiac Turbines Suitable for Catheter-Based Implantationâ€"An Approach to Power Battery and Leadless Cardiac Pacemakers?. IEEE Transactions on Biomedical Engineering, 2020, 67, 1159-1166.	4.2	11
48	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
49	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
50	Paroxysmal atrial fibrillation recurrence after redo procedure-ablation modality impact. Journal of Interventional Cardiac Electrophysiology, 2020, 57, 77-85.	1.3	4
51	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
52	High incidence of diaphragmatic myopotential oversensing by a specific implantable cardioverter defibrillator. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 234-239.	1.2	0
53	A miniaturized endocardial electromagnetic energy harvester for leadless cardiac pacemakers. PLoS ONE, 2020, 15, e0239667.	2.5	14
54	Incidence, characteristics, determinants, and prognostic impact of recurrent syncope. Europace, 2020, 22, 1885-1895.	1.7	8

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55	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
56	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
57	Valvular and Nonvalvular AtrialÂFibrillation in Patients Undergoing Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2124-2133.	2.9	18
58	Leadless pacemaker implantation quality: importance of the operatorâ€™s experience. Europace, 2020, 22, 939-946.	1.7	15
59	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
60	Functional Assessment of the ConductionÂSystem. JACC: Cardiovascular Interventions, 2020, 13, 1055-1057.	2.9	1
61	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
62	Stereotactic Radiotherapy for the Management of Refractory Ventricular Tachycardia: Promise and Future Directions. Frontiers in Cardiovascular Medicine, 2020, 7, 108.	2.4	23
63	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
64	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
65	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
66	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
67	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
68	Use of the wearable cardioverter-defibrillator â€“ the Swiss experience. Swiss Medical Weekly, 2020, 150, w20343.	1.6	6
69	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
70	Predicting Major Adverse Events in Patients With Acute Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 842-854.	2.8	28
71	Prevalence of Pulmonary Embolism in Patients With Syncope. Journal of the American College of Cardiology, 2019, 74, 744-754.	2.8	26
72	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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73	Diagnosis of malignant coronary vasospasm by 12-lead Holter electrocardiogram and optical coherence tomography. European Heart Journal, 2019, 40, 3442-3442.	2.2	3
74	Incidence and Predictors of Atrial Fibrillation Progression. Journal of the American Heart Association, 2019, 8, e012554.	3.7	41
75	Predicting Acute Myocardial Infarction with a Single Blood Draw. Clinical Chemistry, 2019, 65, 437-450.	3.2	7
76	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
77	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
78	Burden-based classification of atrial fibrillation predicts multiple-procedure success of pulmonary vein isolation. Journal of Cardiology, 2019, 74, 53-59.	1.9	5
79	Predicting defibrillator benefit in patients with cardiac resynchronization therapy: A competing risk study. Heart Rhythm, 2019, 16, 1057-1064.	0.7	7
80	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
81	Prospective validation of current quantitative electrocardiographic criteria for ST-elevation myocardial infarction. International Journal of Cardiology, 2019, 292, 1-12.	1.7	27
82	High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2019, 65, 893-904.	3.2	59
83	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. Heart, 2019, 105, 1423-1431.	2.9	42
84	Radiofrequency ablation lesion assessment using optical coherence tomography â€“ a proofâ€ofâ€concept study. Journal of Cardiovascular Electrophysiology, 2019, 30, 934-940.	1.7	9
85	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
86	How to Reach the Left Atrium in Atrial Fibrillation Ablation?. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e006744.	4.8	1
87	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
88	B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. Circulation, 2019, 139, 2403-2418.	1.6	40
89	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
90	Early Diagnosis of Myocardial Infarction with Sensitive Cardiac Troponin Assays. Clinical Chemistry, 2019, 65, 490-491.	3.2	19

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91	Leadless cardiac resynchronization therapy: An inÂvivo proof-of-concept study of wireless pacemaker synchronization. Heart Rhythm, 2019, 16, 936-942.	0.7	12
92	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
93	Comparison of fourteen rule-out strategies for acute myocardial infarction. International Journal of Cardiology, 2019, 283, 41-47.	1.7	45
94	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
95	High-sensitivity cardiac Troponin T delta concentration after repeat pulmonary vein isolation. Biochemia Medica, 2019, 29, 407-412.	2.7	0
96	Diagnostic value of the cardiac electrical biomarker, a novel <scp>ECG</scp> marker indicating myocardial injury, in patients with symptoms suggestive of nonâ€<scp>ST</scp>â€elevation myocardial infarction. Annals of Noninvasive Electrocardiology, 2018, 23, e12538.	1.1	9
97	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
98	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
99	Reassessment of cardiovascular parameters and comorbidities in implantable cardioverterâ€defibrillator patients at the time of first replacement. Clinical Cardiology, 2018, 41, 57-62.	1.8	5
100	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
101	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
102	Left atrial anatomy, atrial fibrillation burden, and P-wave durationâ€”relationships and predictors for single-procedure success after pulmonary vein isolation. Europace, 2018, 20, 271-278.	1.7	26
103	Prospective Validation of a Biomarker-Based Rule Out Strategy for Functionally Relevant Coronary Artery Disease. Clinical Chemistry, 2018, 64, 386-395.	3.2	30
104	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
105	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. Circulation, 2018, 137, 436-451.	1.6	110
106	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
107	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
108	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

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109	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
110	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
111	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. International Journal of Cardiology, 2018, 269, 114-121.	1.7	18
112	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
113	QTc interval, cardiovascular events and mortality in patients with atrial fibrillation. International Journal of Cardiology, 2018, 252, 101-105.	1.7	14
114	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
115	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
116	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
117	Electroanatomic mapping of atrial tachycardiaâ€"Manual vs automated annotation. HeartRhythm Case Reports, 2017, 3, 145-147.	0.4	6
118	Incidence of new-onset atrial fibrillation after cavotricuspid isthmus ablation for atrial flutter. Europace, 2017, 19, 1776-1780.	1.7	45
119	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
120	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
121	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
122	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
123	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
124	Comparison of the Efficacy and Safety of Early Rule-Out Pathways for Acute Myocardial Infarction. Circulation, 2017, 135, 1586-1596.	1.6	153
125	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
126	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

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127	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
128	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
129	Gender-specific uncertainties in the diagnosis of acute coronary syndrome. Clinical Research in Cardiology, 2017, 106, 28-37.	3.3	16
130	Prohormones in the Early Diagnosis of Cardiac Syncope. Journal of the American Heart Association, 2017, 6, .	3.7	16
131	Case report: electrical storm during induced hypothermia in a patient with early repolarization. BMC Cardiovascular Disorders, 2017, 17, 277.	1.7	5
132	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
133	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
134	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
135	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
136	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
137	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
138	Intersubject variability and intrasubject reproducibility of 12-lead ECG metrics: Implications for human verification. Journal of Electrocardiology, 2016, 49, 784-789.	0.9	18
139	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
140	Diagnostic and Prognostic Utility of Circulating Cytochrome c in Acute Myocardial Infarction. Circulation Research, 2016, 119, 1339-1346.	4.5	15
141	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
142	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
143	One-year follow-up after irrigated multi-electrode radiofrequency ablation of persistent atrial fibrillation. Europace, 2016, 18, 85-91.	1.7	9
144	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

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145	Incidence and Predictors of Cardiomyocyte Injury in Elective Coronary Angiography. American Journal of Medicine, 2016, 129, 537.e1-537.e8.	1.5	4
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	Advanced ECG in 2016: is there more than just a tracing?. Swiss Medical Weekly, 2016, 146, w14303.	1.6	17
154	Delayed release of brain natriuretic peptide to identify myocardial ischaemia. European Journal of Clinical Investigation, 2015, 45, 1175-1183.	3.4	9
155	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
156	Surgical cryoablation for ventricular tachyarrhythmia arising from the left ventricular outflow tract region. Heart Rhythm, 2015, 12, 1128-1136.	0.7	44
157	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
158	Re-Entry Using Anatomically Determined Isthmuses. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 102-109.	4.8	91
159	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
160	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
161	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
162	Cardiomyocyte injury induced by hemodynamic cardiac stress: Differential release of cardiac biomarkers. Clinical Biochemistry, 2015, 48, 1225-1229.	1.9	9

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163	Impact of general anesthesia on initiation and stability of VT during catheter ablation. Heart Rhythm, 2015, 12, 2213-2220.	0.7	38
164	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
165	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
166	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
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