Axel Bauer

List of Publications by Year
in descending order

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192 papers	6,226 citations	94269 37 h-index	82410 72 g-index
202 all docs	202 docs citations	202 times ranked	6790 citing authors

#	Article	IF	Citations
1	Deceleration capacity of heart rate as a predictor of mortality after myocardial infarction: cohort study. Lancet, The, 2006, 367, 1674-1681.	6.3	502
2	Decline of acute coronary syndrome admissions in Austria since the outbreak of COVID-19: the pandemic response causes cardiac collateral damage. European Heart Journal, 2020, 41, 1852-1853.	1.0	474
3	Heart Rate Turbulence: Standards of Measurement, Physiological Interpretation, and Clinical Use. Journal of the American College of Cardiology, 2008, 52, 1353-1365.	1.2	396
4	Ambulatory Blood Pressure Changes After Renal Sympathetic Denervation in Patients With Resistant Hypertension. Circulation, 2013, 128, 132-140.	1.6	240
5	Risk Stratification After Acute Myocardial Infarction by Heart Rate Turbulence. Circulation, 2003, 108, 1221-1226.	1.6	221
6	Renal sympathetic denervation for treatment of electrical storm: first-in-man experience. Clinical Research in Cardiology, 2012, 101, 63-67.	1.5	216
7	Prediction of sudden cardiac death after acute myocardial infarction: role of Holter monitoring in the modern treatment era. European Heart Journal, 2005, 26, 762-769.	1.0	215
8	Phase-rectified signal averaging detects quasi-periodicities in non-stationary data. Physica A: Statistical Mechanics and Its Applications, 2006, 364, 423-434.	1.2	187
9	Improved Stratification of Autonomic Regulation for risk prediction in post-infarction patients with preserved left ventricular function (ISAR-Risk). European Heart Journal, 2009, 30, 576-583.	1.0	167
10	Insertable cardiac monitors after cryptogenic stroke â€“ a risk factor based approach to enhance the detection rate for paroxysmal atrial fibrillation. European Journal of Neurology, 2016, 23, 375-381.	1.7	89
11	Effects of circumferential or segmental pulmonary vein ablation for paroxysmal atrial fibrillation on cardiac autonomic function. Heart Rhythm, 2006, 3, 1428-1435.	0.3	86
12	Phase-rectified signal averaging for the detection of quasi-periodicities and the prediction of cardiovascular risk. Chaos, 2007, 17, 015112.	1.0	85
13	Sudden cardiac death after myocardial infarction in patients with type 2 diabetes. Heart Rhythm, 2010, 7, 1396-1403.	0.3	83
14	Sympathetic activityâ€“associated periodic repolarization dynamics predict mortality following myocardial infarction. Journal of Clinical Investigation, 2014, 124, 1770-1780.	3.9	83
15	Impaired Cardiac Baroreflex Sensitivity Predicts Response to Renal Sympathetic Denervation in Patients With Resistant Hypertension. Journal of the American College of Cardiology, 2013, 62, 2124-2130.	1.2	78
16	Clinical effectiveness of primary prevention implantable cardioverter-defibrillators: results of the EU-CERT-ICD controlled multicentre cohort study. European Heart Journal, 2020, 41, 3437-3447.	1.0	78
17	Reduced prognostic power of ventricular late potentials in post-infarction patients of the reperfusion era. European Heart Journal, 2005, 26, 755-761.	1.0	75
18	Discontinuation versus continuation of renin-angiotensin-system inhibitors in COVID-19 (ACEI-COVID): a prospective, parallel group, randomised, controlled, open-label trial. Lancet Respiratory Medicine,the, 2021, 9, 863-872.	5.2	75

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19	Platelets induce apoptosis via membrane-bound FasL. Blood, 2015, 126, 1483-1493.	0.6	68
20	Prediction of sudden and non-sudden cardiac death in post-infarction patients with reduced left ventricular ejection fraction by periodic repolarization dynamics: MADIT-II substudy. European Heart Journal, 2017, 38, 2110-2118.	1.0	68
21	Respiratory rate predicts outcome after acute myocardial infarction: a prospective cohort study. European Heart Journal, 2013, 34, 1644-1650.	1.0	67
22	Transcatheter treatment of severe tricuspid regurgitation using the edge-to-edge repair technique. EuroIntervention, 2017, 12, e1837-e1844.	1.4	63
23	Prognostic Implications of Global Longitudinal Strain by Feature-Tracking Cardiac Magnetic Resonance in ST-Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2019, 12, e009404.	1.3	61
24	Frequency of Sudden Cardiac Death Among Acute Myocardial Infarction Survivors With Optimized Medical and Revascularization Therapy. American Journal of Cardiology, 2006, 97, 480-484.	0.7	59
25	New computerized fetal heart rate analysis for surveillance of intrauterine growth restriction. Prenatal Diagnosis, 2011, 31, 509-514.	1.1	59
26	Heart rate turbulence. Journal of Electrocardiology, 2003, 36, 89-93.	0.4	58
27	Prognostic value of mild-to-moderate pulmonary hypertension in patients with severe aortic valve stenosis undergoing aortic valve replacement. Clinical Research in Cardiology, 2012, 101, 81-88.	1.5	51
28	Effect of the COVID-19 Pandemic on Treatment Delays in Patients with ST-Segment Elevation Myocardial Infarction. Journal of Clinical Medicine, 2020, 9, 2183.	1.0	51
29	Significant association between systolic and diastolic blood pressure elevations and periodic limb movements in patients with idiopathic restless legs syndrome. Sleep Medicine, 2016, 17, 109-120.	0.8	50
30	Heart rate deceleration runs for postinfarction risk prediction. Journal of Electrocardiology, 2012, 45, 70-76.	0.4	49
31	Prediction of mortality benefit based on periodic repolarisation dynamics in patients undergoing prophylactic implantation of a defibrillator: a prospective, controlled, multicentre cohort study. Lancet, The, 2019, 394, 1344-1351.	6.3	49
32	Effects of Renal Sympathetic Denervation on 24-hour Blood Pressure Variability. Frontiers in Physiology, 2012, 3, 134.	1.3	48
33	Predictors for longâ€term survival after transcatheter edgeâ€toâ€edge mitral valve repair. Journal of Interventional Cardiology, 2017, 30, 226-233.	0.5	47
34	Parameters influence on acceleration and deceleration capacity based on trans-abdominal ECG in early fetal growth restriction at different gestational age epochs. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2015, 188, 104-112.	0.5	44
35	QRS duration and late mortality in unselected post-infarction patients of the revascularization era. European Heart Journal, 2006, 27, 427-433.	1.0	43
36	Bivariate phase-rectified signal averaging for assessment of spontaneous baroreflex sensitivity: pilot study of the technology. Journal of Electrocardiology, 2010, 43, 649-653.	0.4	42

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37	One-year outcomes with two suture-mediated closure devices to achieve access-site haemostasis following transfemoral transcatheter aortic valve implantation. EuroIntervention, 2016, 12, 1298-1304.	1.4	41
38	Risk prediction by heart rate turbulence and deceleration capacity in postinfarction patients with preserved left ventricular function retrospective analysis of 4 independent trials. Journal of Electrocardiology, 2009, 42, 597-601.	0.4	40
39	Systematic Comparisons of Electrocardiographic Morphology Increase the Precision of QT Interval Measurement. PACE - Pacing and Clinical Electrophysiology, 2009, 32, 119-130.	0.5	40
40	Brain sparing effect in growth-restricted fetuses is associated with decreased cardiac acceleration and deceleration capacities: a case-control study. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 1947-1954.	1.1	40
41	Worsening calcification propensity precedes all-cause and cardiovascular mortality in haemodialyzed patients. Scientific Reports, 2017, 7, 13368.	1.6	40
42	Spontaneous baroreflex sensitivity: Prospective validation trial of a novel technique in survivors of acute myocardial infarction. Heart Rhythm, 2012, 9, 1288-1294.	0.3	38
43	Rotigotine's effect on PLM-associated blood pressure elevations in restless legs syndrome. Neurology, 2016, 86, 1785-1793.	1.5	38
44	Heart Rate Variability Triangular Index as a Predictor of Cardiovascular Mortality in Patients With Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e016075.	1.6	38
45	Reflex and Tonic Autonomic Markers for Risk Stratification in Patients With Type 2 Diabetes Surviving Acute Myocardial Infarction. Diabetes Care, 2011, 34, 1833-1837.	4.3	37
46	Autonomic Nervous System Activity as Risk Predictor in the Medical Emergency Department. Critical Care Medicine, 2015, 43, 1079-1086.	0.4	35
47	Impact of COVID-19 pandemic restrictions on ST-elevation myocardial infarction: a cardiac magnetic resonance imaging study. European Heart Journal, 2022, 43, 1141-1153.	1.0	35
48	Acceleration and Deceleration Capacity of Fetal Heart Rate in an In-Vivo Sheep Model. PLoS ONE, 2014, 9, e104193.	1.1	34
49	Autologous stem cell transplantation with thiotepa-based conditioning in patients with systemic sclerosis and cardiac manifestations. Rheumatology, 2014, 53, 919-922.	0.9	33
50	Prognostic Value of Contrast-enhanced Cardiac Magnetic Resonance Imaging in Patients with Newly Diagnosed Non-Ischemic Cardiomyopathy: Cohort Study. PLoS ONE, 2013, 8, e57077.	1.1	33
51	Cyclophilin A predicts clinical outcome in patients with congestive heart failure undergoing endomyocardial biopsy. European Journal of Heart Failure, 2013, 15, 176-184.	2.9	32
52	Periodic Repolarisation Dynamics: A Natural Probe of the Ventricular Response to Sympathetic Activation. Arrhythmia and Electrophysiology Review, 2016, 5, 31.	1.3	32
53	Aortic regurgitation with second versus third-generation balloon-expandable prostheses in patients undergoing transcatheter aortic valve implantation. EuroIntervention, 2015, 11, 214-220.	1.4	31
54	Turbulence dynamics: An independent predictor of late mortality after acute myocardial infarction. International Journal of Cardiology, 2006, 107, 42-47.	0.8	30

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55	Bivariate phase-rectified signal averaging. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5091-5100.	1.2	30
56	Influence of non-cardiac comorbidities on outcome after percutaneous mitral valve repair: results from the German transcatheter mitral valve interventions (TRAMI) registry. Clinical Research in Cardiology, 2015, 104, 1044-1053.	1.5	29
57	Bivariate phase-rectified signal averagingâ€"a novel technique for cross-correlation analysis in noisy nonstationary signals. Journal of Electrocardiology, 2009, 42, 602-606.	0.4	28
58	Bivariate phase-rectified signal averaging for assessment of spontaneous baroreflex sensitivity: normalization of the results. Journal of Electrocardiology, 2012, 45, 77-81.	0.4	28
59	Transcatheter Treatment of Severe Tricuspid Regurgitation Using the Edge-to-Edge Repair Technique in the Presence and Absence of Pacemaker Leads. JACC: Cardiovascular Interventions, 2017, 10, 2014-2016.	1.1	27
60	Predictors of cerebrovascular events at mid-term after transcatheter aortic valve implantation â€" Results from EVERY-TAVI registry. International Journal of Cardiology, 2017, 244, 106-111.	0.8	25
61	Bedside autonomic risk stratification after myocardial infarction by means of short-term deceleration capacity of heart rate. Europace, 2018, 20, f129-f136.	0.7	25
62	Mortality prediction in stable hemodialysis patients is refined by YKL-40, a 40-kDa glycoprotein associated with inflammation. Kidney International, 2018, 93, 221-230.	2.6	25
63	Global longitudinal strain by feature tracking for optimized prediction of adverse remodeling after ST-elevation myocardial infarction. Clinical Research in Cardiology, 2021, 110, 61-71.	1.5	25
64	Effects of verbal suggestion on coronary arteries: Results of a randomized controlled experimental investigation during coronary angiography. American Heart Journal, 2011, 162, 507-511.	1.2	24
65	Implementation and verification of an enhanced algorithm for the automatic computation of RR-interval series derived from 24â€‰h 12-lead ECGs. Physiological Measurement, 2017, 38, 1-14.	1.2	24
66	Reference values of heart rate variability. Heart Rhythm, 2017, 14, 302-303.	0.3	24
67	Outcome of patients treated with extracorporeal life support in cardiogenic shock complicating acute myocardial infarction: 1-year result from the ECLS-Shock study. Clinical Research in Cardiology, 2021, 110, 1412-1420.	1.5	24
68	Risk prediction in post-infarction patients with moderately reduced left ventricular ejection fraction by combined assessment of the sympathetic and vagal cardiac autonomic nervous system. International Journal of Cardiology, 2017, 249, 1-5.	0.8	22
69	Patterns of chronic hand eczema: a semantic map analysis of the <scp>CARPE</scp> registry data. British Journal of Dermatology, 2018, 178, 229-237.	1.4	22
70	Respiratory sinus arrhythmia as a predictor of sudden cardiac death after myocardial infarction. Annals of Medicine, 2008, 40, 376-382.	1.5	21
71	Rationale and study design of the prospective, longitudinal, observational cohort study â€œISk strAtification in end-stage renal diseaseâ€•(ISAR) study. BMC Nephrology, 2016, 17, 161.	0.8	21
72	Cardiac magnetic resonance imaging in patients undergoing percutaneous mitral valve repair with the MitraClip system. Clinical Research in Cardiology, 2014, 103, 397-404.	1.5	19

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73	C-reactive protein velocity predicts microvascular pathology after acute ST-elevation myocardial infarction. International Journal of Cardiology, 2021, 338, 30-36.	0.8	19
74	Adult T-cells impair neonatal cardiac regeneration. European Heart Journal, 2022, 43, 2698-2709.	1.0	19
75	Blood pressure variability after catheter-based renal sympathetic denervation in patients with resistant hypertension. Journal of Hypertension, 2015, 33, 2512-2518.	0.3	18
76	Periodic repolarization dynamics as a risk predictor after myocardial infarction: Prospective validation study. Heart Rhythm, 2019, 16, 1223-1231.	0.3	18
77	Rationale and design of the EUâ€CERTâ€ICD prospective study: comparative effectiveness of prophylactic ICD implantation. ESC Heart Failure, 2019, 6, 182-193.	1.4	18
78	Impact of myocardial injury after coronary artery bypass grafting on long-term prognosis. European Heart Journal, 2022, 43, 2407-2417.	1.0	18
79	Functional neuroimaging in the acute phase of Takotsubo syndrome: volumetric and functional changes of the right insular cortex. Clinical Research in Cardiology, 2020, 109, 1107-1113.	1.5	17
80	Heart Rate Turbulence to Guide Treatment for Prevention of Sudden Death. Journal of Cardiovascular Pharmacology, 2010, 55, 531-538.	0.8	16
81	Heart Rate Turbulence as Risk-Predictor after Myocardial Infarction. Frontiers in Physiology, 2011, 2, 99.	1.3	16
82	Prediction of Appropriate Shocks Using 24-Hour Holter Variables and T-Wave Alternans After First Implantable Cardioverter-Defibrillator Implantation in Patients With Ischemic or Nonischemic Cardiomyopathy. American Journal of Cardiology, 2016, 118, 86-94.	0.7	16
83	Impact of infarct location and size on clinical outcome after ST-elevation myocardial infarction treated by primary percutaneous coronary intervention. International Journal of Cardiology, 2020, 301, 14-20.	0.8	16
84	Aortic annulus to left coronary distance as a predictor for persistent left bundle branch block after TAVI. Catheterization and Cardiovascular Interventions, 2017, 89, E162-E168.	0.7	15
85	Platelet Reactivity and Early Outcomes after Transfemoral Aortic Valve Implantation. Thrombosis and Haemostasis, 2018, 118, 1832-1838.	1.8	15
86	Severe autonomic failure in moderate to severe aortic stenosis: prevalence and association with hemodynamics and biomarkers. Clinical Research in Cardiology, 2012, 101, 565-572.	1.5	14
87	Automated Assessment of Cardiac Autonomic Function by Means of Deceleration Capacity from Noisy, Nonstationary ECG Signals: Validation Study. Annals of Noninvasive Electrocardiology, 2014, 19, 122-128.	0.5	14
88	Retrospective analysis of circulatory support with the Impella CPÂ® device in patients with therapy refractory cardiogenic shock. International Journal of Cardiology, 2016, 219, 200-203.	0.8	14
89	Non-contrast MRI protocol for TAVI guidance: quiescent-interval single-shot angiography in comparison with contrast-enhanced CT. European Radiology, 2020, 30, 4847-4856.	2.3	14
90	Telemedical cardiac risk assessment by implantable cardiac monitors in patients after myocardial infarction with autonomic dysfunction (SMART-MI-DZHK9): a prospective investigator-initiated, randomised, multicentre, open-label, diagnostic trial. The Lancet Digital Health, 2022, 4, e105-e116.	5.9	14

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91	Assessment of Coupling between Trans-Abdominally Acquired Fetal ECG and Uterine Activity by Bivariate Phase-Rectified Signal Averaging Analysis. PLoS ONE, 2014, 9, e94557.	1.1	13
92	Implantable cardiac monitors in high-risk post-infarction patients with cardiac autonomic dysfunction and moderately reduced left ventricular ejection fraction: Design and rationale of the SMART-MI trial. American Heart Journal, 2017, 190, 34-39.	1.2	13
93	High sensitivity C-reactive protein is associated with worse infarct healing after revascularized ST-elevation myocardial infarction. International Journal of Cardiology, 2021, 328, 191-196.	0.8	13
94	Global longitudinal strain improves risk assessment after ST-segment elevation myocardial infarction: a comparative prognostic evaluation of left ventricular functional parameters. Clinical Research in Cardiology, 2021, 110, 1599-1611.	1.5	13
95	Severe autonomic failure as a predictor of mortality in aortic valve stenosis. International Journal of Cardiology, 2014, 176, 782-787.	0.8	12
96	Association of Myocardial Injury With Serum Procalcitonin Levels in Patients With ST-Elevation Myocardial Infarction. JAMA Network Open, 2020, 3, e207030.	2.8	12
97	Impact of acute ethanol intake on cardiac autonomic regulation. Scientific Reports, 2021, 11, 13255.	1.6	12
98	Demonstration of circadian rhythm in heart rate turbulence using novel application of correlator functions. Heart Rhythm, 2007, 4, 292-300.	0.3	11
99	Last piece of the heart rate turbulence puzzle?. Heart Rhythm, 2007, 4, 290-291.	0.3	11
100	Identifying high-risk post-infarction patients by autonomic testing â€" Below the tip of the iceberg. International Journal of Cardiology, 2017, 237, 19-21.	0.8	11
101	Early Risk Stratification in Patients With Cardiogenic Shock Complicating Acute Myocardial Infarction Treated With Extracorporeal Life Support and Primary Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2017, 10, 2469-2471.	1.1	11
102	Deceleration Capacity of Heart Rate After Acute Altitude Exposure. High Altitude Medicine and Biology, 2018, 19, 299-302.	0.5	11
103	Cardiovascular Mortality Can Be Predicted by Heart Rate Turbulence in Hemodialysis Patients. Frontiers in Physiology, 2020, 11, 77.	1.3	11
104	Early onset of menopause is associated with increased peripheral atherosclerotic plaque volume and progression. Atherosclerosis, 2020, 297, 25-31.	0.4	11
105	Association of plasma interleukin-6 with infarct size, reperfusion injury, and adverse remodelling after ST-elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 113-123.	0.4	11
106	Long-Term Prognostic Value of High-Sensitivity Troponin T Added to N-Terminal Pro Brain Natriuretic Peptide Plasma Levels Before Valve Replacement for Severe Aortic Stenosis. American Journal of Cardiology, 2019, 124, 1932-1939.	0.7	10
107	Effects of renal denervation on 24-h heart rate and heart rate variability in resistant hypertension. Clinical Research in Cardiology, 2020, 109, 581-588.	1.5	10
108	Acupuncture at the auricular branch of the vagus nerve enhances heart rate variability in humans: An exploratory study. Heart Rhythm O2, 2020, 1, 215-221.	0.6	10

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109	Cardiomyocyte Injury Following Acute Ischemic Stroke: Protocol for a Prospective Observational Cohort Study. JMIR Research Protocols, 2021, 10, e24186.	0.5	10
110	Reverse left ventricular remodeling after percutaneous mitral valve repair: Strain analysis by speckle tracking echocardiography and cardiac magnetic resonance imaging. International Journal of Cardiology, 2013, 168, 4983-4985.	0.8	9
111	Gender Differences in the Atherosclerosis Profile by Coronary CTA in Coronary Artery Calcium Score Zero Patients. Journal of Clinical Medicine, 2021, 10, 1220.	1.0	9
112	Aortic Stiffness and Infarct Healing in Survivors of Acute STâ€Šsegmentâ€“Elevation Myocardial Infarction. Journal of the American Heart Association, 2020, 9, e014740.	1.6	9
113	QRS micro-fragmentation as a mortality predictor. European Heart Journal, 2022, 43, 4177-4191.	1.0	9
114	Maternal cardiac deceleration capacity: a novel insight into maternal autonomic function in pregnancies complicated by hypertensive disorders and intrauterine growth restriction. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 206, 6-11.	0.5	8
115	Dynamic Changes of Cardiac Repolarization Instability during Exercise Testing. Medicine and Science in Sports and Exercise, 2019, 51, 1517-1522.	0.2	8
116	Large potassium shifts during dialysis enhance cardiac repolarization instability. Journal of Nephrology, 2020, 34, 1301-1305.	0.9	8
117	Association of C-Reactive Protein Velocity with Early Left Ventricular Dysfunction in Patients with First ST-Elevation Myocardial Infarction. Journal of Clinical Medicine, 2021, 10, 5494.	1.0	8
118	Association between inflammation and left ventricular thrombus formation following ST-elevation myocardial infarction. International Journal of Cardiology, 2022, 361, 1-6.	0.8	8
119	Impact of Myocardial Salvage Assessed by 99mTc-Sestamibi Scintigraphy on Cardiac Autonomic Function in Patients Undergoing Mechanical Reperfusion Therapy for Acute Myocardial Infarction. JACC: Cardiovascular Imaging, 2009, 2, 449-457.	2.3	7
120	Point-of-care testing of cardiac autonomic function for risk assessment in patients with suspected acute coronary syndromes. Clinical Research in Cardiology, 2017, 106, 686-694.	1.5	7
121	Effect of Hyperventilation on Periodic Repolarization Dynamics. Frontiers in Physiology, 2020, 11, 542183.	1.3	7
122	Determinants and prognostic relevance of aortic stiffness in patients with recent ST-elevation myocardial infarction. International Journal of Cardiovascular Imaging, 2022, 38, 237-247.	0.7	7
123	Prevalence and predictors of severe autonomic failure in patients with insulin-dependent type 2 diabetes mellitus and coronary artery disease: pilot study. Journal of Electrocardiology, 2012, 45, 774-779.	0.4	6
124	Relationship between admission Q waves and microvascular injury in patients with ST-elevation myocardial infarction treated with primary percutaneous coronary intervention. International Journal of Cardiology, 2019, 297, 1-7.	0.8	6
125	NGAL Correlates with Femoral and Carotid Plaque Volume Assessed by Sonographic 3D Plaque Volumetry. Journal of Clinical Medicine, 2020, 9, 2811.	1.0	6
126	Rationale and design of a digital trial using smartphones to detect subclinical atrial fibrillation in a population at risk: The eHealth-based bavarian alternative detection of Atrial Fibrillation (eBRAVE-AF) trial. American Heart Journal, 2021, 241, 26-34.	1.2	6

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127	Sensitive Cardiac Troponin Assays. New England Journal of Medicine, 2009, 361, 2575-2577.	13.9	5
128	Ventricular Thrombus and Thrombocytopenia As First Presentation of Anaplastic Thyroid Carcinoma. Journal of Clinical Oncology, 2013, 31, e194-e196.	0.8	5
129	First Implantation of Repositionable Lotus Valve in a Degenerated Trifecta Bioprosthesis. Journal of Interventional Cardiology, 2015, 28, 264-265.	0.5	5
130	Long-term performance of an atrial lead capable of accelerometer based detection of cardiac contractility in patients receiving cardiac resynchronisation therapy. PLoS ONE, 2019, 14, e0222269.	1.1	5
131	Association of Food and Alcohol Consumption with Peripheral Atherosclerotic Plaque Volume as Measured by 3D-Ultrasound. Nutrients, 2020, 12, 3711.	1.7	5
132	Left Atrial Appendage Morphology and Left Atrial Wall Thickness Are Associated with Cardio-Embolic Stroke. Journal of Clinical Medicine, 2020, 9, 3944.	1.0	5
133	Q waves are the strongest electrocardiographic variable associated with primary prophylactic implantable cardioverter-defibrillator benefit: a prospective multicentre study. Europace, 2022, 24, 774-783.	0.7	5
134	Reciprocal communication of pericoronary adipose tissue and coronary atherogenesis. European Journal of Radiology, 2021, 136, 109531.	1.2	5
135	A novel approach to determine aortic valve area with phase-contrastÂcardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 7.	1.6	5
136	Periodic Repolarization Dynamics Identifies ICD Responders in Nonischemic Cardiomyopathy: A DANISH Substudy. Circulation, 2022, 145, 754-764.	1.6	5
137	Imitating ventricular tachycardia. British Heart Journal, 2003, 89, 1382-a-1382.	2.2	4
138	FIFA World Cup 2018. European Heart Journal, 2018, 39, 4139-4142.	1.0	4
139	Impact of posteromedial papillary muscle infarction on mitral regurgitation during ST-segment elevation myocardial infarction. International Journal of Cardiovascular Imaging, 2020, 36, 503-511.	0.7	4
140	Electrocardiographic parameters of left ventricular hypertrophy and prediction of mortality in hemodialysis patients. Journal of Nephrology, 2022, 35, 233-244.	0.9	4
141	Deceleration Capacity and Periodic Repolarization Dynamics As Predictors of Acute Mountain Sickness. High Altitude Medicine and Biology, 2020, 21, 417-422.	0.5	4
142	Risk stratification after myocardial infarction: it is time for intervention. Europace, 2012, 14, 1684-1686.	0.7	3
143	Electrophysiological characterization of scars detected by contrast enhanced magnetic resonance imaging in patients with non-ischemic cardiomyopathy. International Journal of Cardiology, 2013, 167, 1070-1072.	0.8	3
144	Cardiac arrest saves a patient's procedure. International Journal of Cardiology, 2015, 185, 165-166.	0.8	3

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145	Nocturnal respiratory rate predicts ICD benefit: A prospective, controlled, multicentre cohort study. EClinicalMedicine, 2021, 31, 100695.	3.2	3
146	Estimating the extent of myocardial damage in patients with STEMI using the DETERMINE score. Open Heart, 2021, 8, e001538.	0.9	3
147	Feasibility and effectiveness of a multidimensional post-discharge disease management programme for heart failure patients in clinical practice: the HerzMobil Tirol programme. Clinical Research in Cardiology, 2022, 111, 294-307.	1.5	3
148	Age-dependent impact of the SYNTAX-score on longer-term mortality after percutaneous coronary intervention in an all-comer population. Journal of Geriatric Cardiology, 2018, 15, 559-566.	0.2	3
149	Impaired heart rate variability triangular index to identify clinically silent strokes in patients with atrial fibrillation. European Heart Journal, 2020, 41, .	1.0	3
150	Impact of energy drink versus coffee consumption on periodic repolarization dynamics: an interventional study. European Journal of Nutrition, 2022, 61, 2847-2851.	1.8	3
151	Longâ€term effects of discontinuing reninâ€“angiotensin system inhibitors in <scp>COVID</scp>â€19. Respirology, 2022, 27, 788-790.	1.3	3
152	Hotline sessions and clinical trial updates presented at the European Society of Cardiology Congress in Stockholm 2010. Clinical Research in Cardiology, 2010, 99, 679-692.	1.5	2
153	Transseptal Transcatheter Implantation of a Third-Generation Balloon-Expandable Valve in Degenerated Mitral Bioprosthesis. JACC: Cardiovascular Interventions, 2015, 8, e241-e243.	1.1	2
154	Periodic repolarization dynamics in patients with moderate to severe aortic stenosis. Journal of Electrocardiology, 2017, 50, 802-807.	0.4	2
155	Challenging Recently Published Parameter Sets for Entropy Measures in Risk Prediction for End-Stage Renal Disease Patients. Entropy, 2017, 19, 582.	1.1	2
156	FIFA World Cup 2018: effect of emotional stress on conventional heart rate variability metrics. Clinical Research in Cardiology, 2020, 109, 266-270.	1.5	2
157	Deceleration capacity of heart rate and periodic repolarization dynamics during normobaric hypoxia. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1087-1089.	1.3	2
158	Association of Heart Rate Variability With Silent Brain Infarcts in Patients With Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2021, 8, 684461.	1.1	2
159	Minireview: Transaortic Transcatheter Aortic Valve Implantation: Is There Still an Indication?. Frontiers in Cardiovascular Medicine, 2022, 9, 798154.	1.1	2
160	Uncommon cause of dyspnoea after percutaneous closure of the left atrial appendage. European Heart Journal, 2017, 38, 2912-2912.	1.0	1
161	Percutaneous coronary intervention for stable angina in ORBITA. Lancet, The, 2018, 392, 27.	6.3	1
162	Present criteria for prophylactic ICD implantation: Insights from the EU-CERT-ICD (Comparative) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67	0.4	1

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163	Estimation of anaerobic threshold by cardiac repolarization instability: a prospective validation study. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 85.	0.7	1
164	Aortic stenosis reexpanded â€“ a novel approach to determine aortic valve area with phase contrast cardiovascular magnetic resonance imaging. European Heart Journal, 2021, 42, .	1.0	1
165	U-Shaped Association of the Heart Rate Variability Triangular Index and Mortality in Hemodialysis Patients With Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2021, 8, 751052.	1.1	1
166	Cardiac magnetic resonance imaging improves prognostic stratification of patients with ST-elevation myocardial infarction and preserved ejection fraction. European Heart Journal Open, 2021, 1, .	0.9	1
167	Nocturnal heart rate variability: A population-based screening tool?. Heart Rhythm, 2022, 19, 640-641.	0.3	1
168	Response to Letter Regarding Article, â€œAmbulatory Blood Pressure Changes After Renal Sympathetic Denervation in Patients With Resistant Hypertensionâ€. Circulation, 2014, 129, e500-1.	1.6	0
169	Reply. Journal of the American College of Cardiology, 2014, 64, 233-234.	1.2	0
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