Claus Graff

List of Publications by Year
in descending order

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113 papers	2,720 citations	201674 27 h-index	214800 47 g-index
116 all docs	116 docs citations	116 times ranked	3882 citing authors

#	Article	IF	Citations
1	Implantable loop recorder detection of atrial fibrillation to prevent stroke (The LOOP Study): a randomised controlled trial. Lancet, The, 2021, 398, 1507-1516.	13.7	251
2	P-wave duration and the risk of atrial fibrillation: Results from the Copenhagen ECG Study. Heart Rhythm, 2015, 12, 1887-1895.	0.7	152
3	The prognostic value of the Tpeak-Tend interval in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. Journal of Electrocardiology, 2009, 42, 555-560.	0.9	124
4	Assessing QT Interval Prolongation and its Associated Risks with Antipsychotics. CNS Drugs, 2011, 25, 473-490.	5.9	115
5	J-Shaped Association Between QTc Interval Duration and the Risk of Atrial Fibrillation. Journal of the American College of Cardiology, 2013, 61, 2557-2564.	2.8	112
6	Risk of atrial fibrillation as a function of the electrocardiographic PR interval: Results from the Copenhagen ECG Study. Heart Rhythm, 2013, 10, 1249-1256.	0.7	110
7	Risk prediction of cardiovascular death based on the QTc interval: evaluating age and gender differences in a large primary care population. European Heart Journal, 2014, 35, 1335-1344.	2.2	98
8	Comprehensive Evaluation of Rhythm Monitoring Strategies in Screening for Atrial Fibrillation. Circulation, 2020, 141, 1510-1522.	1.6	88
9	Echocardiographic abnormalities and predictors of mortality in hospitalized COVIDâ€19 patients: the ECHOVIDâ€19 study. ESC Heart Failure, 2020, 7, 4189-4197.	3.1	77
10	Natural History of SubclinicalÂAtrialÂFibrillation Detected by Implanted LoopÂRecorders. Journal of the American College of Cardiology, 2019, 74, 2771-2781.	2.8	72
11	Mortality rate trends in patients diagnosed with schizophrenia or bipolar disorder: a nationwide study with 20Âyears of follow-up. International Journal of Bipolar Disorders, 2019, 7, 6.	2.2	68
12	Reference values of electrocardiogram repolarization variables in a healthy population. Journal of Electrocardiology, 2010, 43, 31-39.	0.9	61
13	The cardiac safety of aripiprazole treatment in patients at high risk for torsade: a systematic review with a meta-analytic approach. Psychopharmacology, 2015, 232, 3297-3308.	3.1	58
14	Atrial fibrillation detected by continuous electrocardiographic monitoring using implantable loop recorder to prevent stroke in individuals at risk (the LOOP study): Rationale and design of a large randomized controlled trial. American Heart Journal, 2017, 187, 122-132.	2.7	56
15	New descriptors of T-wave morphology are independent of heart rate. Journal of Electrocardiology, 2008, 41, 557-561.	0.9	54
16	TpeakTend interval in long QT syndrome. Journal of Electrocardiology, 2008, 41, 603-608.	0.9	53
17	Identifying Drug-Induced Repolarization Abnormalities from Distinct ECG Patterns in Congenital Long QT Syndrome. Drug Safety, 2009, 32, 599-611.	3.2	53
18	Cardiovascular safety of antipsychotics: a clinical overview. Expert Opinion on Drug Safety, 2016, 15, 679-688.	2.4	44

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19	Vectorcardiographic QRS area is associated with long-term outcome after cardiac resynchronization therapy. Heart Rhythm, 2019, 16, 213-219.	0.7	44
20	Sertindole causes distinct electrocardiographic T-wave morphology changes. European Neuropsychopharmacology, 2009, 19, 702-707.	0.7	37
21	Left atrial volume and function assessed by cardiac magnetic resonance imaging are markers of subclinical atrial fibrillation as detected by continuous monitoring. Europace, 2020, 22, 724-731.	1.7	37
22	Quantitative Analysis of Tâ€wave Morphology Increases Confidence in Drugâ€Induced Cardiac Repolarization Abnormalities: Evidence From the Investigational I_{Kr} Inhibitor Lu 35â€“138. Journal of Clinical Pharmacology, 2009, 49, 1331-1342.	2.0	36
23	Electrocardiographic Tpeakâ€“Tend interval and risk of cardiovascular morbidity and mortality: Results from the Copenhagen ECG study. Heart Rhythm, 2016, 13, 915-924.	0.7	34
24	Effects of Bilastine on T-wave Morphology and the QTc Interval. Clinical Drug Investigation, 2012, 32, 339-351.	2.2	33
25	Incidence and predictors of atrial fibrillation episodes as detected by implantable loop recorder in patients at risk: From the LOOP study. American Heart Journal, 2020, 219, 117-127.	2.7	33
26	Risk Prediction of Atrial Fibrillation Based on Electrocardiographic Interatrial Block. Journal of the American Heart Association, 2018, 7, .	3.7	32
27	DeepFake electrocardiograms using generative adversarial networks are the beginning of the end for privacy issues in medicine. Scientific Reports, 2021, 11, 21896.	3.3	31
28	Unrecognised myocardial infarction in patients with schizophrenia. Acta Neuropsychiatrica, 2015, 27, 106-112.	2.1	29
29	Electrocardiographic PR Interval Duration and Cardiovascular Risk: Results From the Copenhagen ECG Study. Canadian Journal of Cardiology, 2017, 33, 674-681.	1.7	29
30	Complications after implantation of a new-generation insertable cardiac monitor: Results from the LOOP study. International Journal of Cardiology, 2017, 241, 229-234.	1.7	28
31	The Role of CAV3 in Longâ€“QT Syndrome. Circulation: Cardiovascular Genetics, 2013, 6, 452-461.	5.1	27
32	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. Journal of the American College of Cardiology, 2019, 73, 3118-3131.	2.8	27
33	The phenotype characteristics of type 13 long QT syndrome with mutation in KCNJ5 (Kir3.4-G387R). Heart Rhythm, 2013, 10, 1500-1506.	0.7	26
34	Explaining deep neural networks for knowledge discovery in electrocardiogram analysis. Scientific Reports, 2021, 11, 10949.	3.3	26
35	Left Atrial Late Gadolinium Enhancement is Associated With Incident Atrial Fibrillation as Detected by Continuous Monitoring With Implantable Loop Recorders. JACC: Cardiovascular Imaging, 2020, 13, 1690-1700.	5.3	22
36	Association Between Heart Rate at Rest and Incident Atrial Fibrillation (from the Copenhagen) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	1.6	21

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37	Electrocardiographic Preexcitation and Risk of Cardiovascular Morbidity and Mortality. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	20
38	Electrocardiographic Precordial STâ€Segment Deviations and the Risk of Cardiovascular Death: Results From the Copenhagen ECG Study. Journal of the American Heart Association, 2014, 3, e000549.	3.7	19
39	Thyroid dysfunction and electrocardiographic changes in subjects without arrhythmias: a cross-sectional study of primary healthcare subjects from Copenhagen. BMJ Open, 2019, 9, e023854.	1.9	18
40	Day-to-day measurement of physical activity and risk of atrial fibrillation. European Heart Journal, 2021, 42, 3979-3988.	2.2	16
41	Association Between ECG Abnormalities and Fatal Cardiovascular Disease Among Patients With and Without Severe Mental Illness. Journal of the American Heart Association, 2021, 10, e019416.	3.7	16
42	Cardiac effects of sertindole and quetiapine: Analysis of ECGs from a randomized double-blind study in patients with schizophrenia. European Neuropsychopharmacology, 2015, 25, 303-311.	0.7	15
43	Protection against severe hypokalemia but impaired cardiac repolarization after intense rowing exercise in healthy humans receiving salbutamol. Journal of Applied Physiology, 2018, 125, 624-633.	2.5	15
44	Clinical implications of electrocardiographic bundle branch block in primary care. Heart, 2019, 105, heartjnl-2018-314295.	2.9	15
45	The T-peakâ€“T-end Interval as a Marker of Repolarization Abnormality: A Comparison with the QT Interval for Five Different Drugs. Clinical Drug Investigation, 2015, 35, 717-724.	2.2	14
46	Prevalence and risk factors of prolonged QT interval and electrocardiographic abnormalities in persons living with HIV. Aids, 2019, 33, 2205-2210.	2.2	14
47	Effect of Nalmefene 20 and 80 mg on the Corrected QT Interval and T-Wave Morphology. Clinical Drug Investigation, 2011, 31, 799-811.	2.2	13
48	Left Anterior Fascicular Block and the Risk of Cardiovascular Outcomes. JAMA Internal Medicine, 2014, 174, 1001.	5.1	13
49	Comparison of the three-level and the five-level versions of the EQ-5D. European Journal of Health Economics, 2021, 22, 621-628.	2.8	13
50	Major rapid weight loss induces changes in cardiac repolarization. Journal of Electrocardiology, 2016, 49, 467-472.	0.9	12
51	Spatial QRS-T angle variants for prediction of all-cause mortality. Journal of Electrocardiology, 2018, 51, 768-775.	0.9	12
52	Long QT syndrome genotyping by electrocardiography: fact, fiction, or something in between?. Journal of Electrocardiology, 2006, 39, S119-S122.	0.9	11
53	Preoperative Electrocardiogram Score for Predicting New-Onset Postoperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 69-76.	1.3	11
54	QTc Interval and Risk of Cardiac Events in Adults With Anorexia Nervosa. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005995.	4.8	11

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55	The relationship between serum potassium concentrations and electrocardiographic characteristics in 163,547 individuals from primary care. Journal of Electrocardiology, 2019, 57, 104-111.	0.9	10
56	The Cardiovascular Effects of a Meal: Jâ€T_{peak} and T_{peak}â€T_{end} Assessment and Further Insights Into the Physiological Effects. Journal of Clinical Pharmacology, 2019, 59, 799-810.	2.0	10
57	Myocardial Impairment and AcuteÂRespiratory Distress Syndrome inÂHospitalized Patients With COVID-19. JACC: Cardiovascular Imaging, 2020, 13, 2474-2476.	5.3	10
58	Left ventricular hypertrophy identified by cardiac computed tomography and ECG in hypertensive individuals. Journal of Hypertension, 2019, 37, 739-746.	0.5	9
59	Electrocardiographic T-wave morphology and risk of mortality. International Journal of Cardiology, 2021, 328, 199-205.	1.7	9
60	Clinical Heart Failure Among Patients With and Without Severe Mental Illness and the Association With Long-Term Outcomes. Circulation: Heart Failure, 2021, 14, e008364.	3.9	9
61	Glucose ingestion causes cardiac repolarization disturbances in type 1 long QT syndrome patients and healthy subjects. Heart Rhythm, 2017, 14, 1165-1170.	0.7	8
62	The QTc interval and risk of cardiac events in bulimia nervosa: A longâ€term followâ€up study. International Journal of Eating Disorders, 2018, 51, 1331-1338.	4.0	8
63	Associations between common ECG abnormalities and out-of-hospital cardiac arrest. Open Heart, 2019, 6, e000905.	2.3	8
64	PR Prolongation predicts inadequate resynchronization with biventricular pacing in left bundle branch block. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1477-1485.	1.2	8
65	Electrocardiogram Characteristics and Their Association With Psychotropic Drugs Among Patients With Schizophrenia. Schizophrenia Bulletin, 2019, 46, 354-362.	4.3	8
66	Fascicular heart blocks and risk of adverse cardiovascular outcomes: Results from a large primary care population. Heart Rhythm, 2022, 19, 252-259.	0.7	8
67	Influence of type of sport on cardiac repolarization assessed by electrocardiographic T-wave morphology combination score. Journal of Electrocardiology, 2018, 51, 296-302.	0.9	7
68	Atrial fibrillation burden and cognitive decline in elderly patients undergoing continuous monitoring. American Heart Journal, 2021, 242, 15-23.	2.7	7
69	Assessing common classification methods for the identification of abnormal repolarization using indicators of T-wave morphology and QT interval. Computers in Biology and Medicine, 2012, 42, 485-491.	7.0	6
70	New strict left bundle branch block criteria reflect left ventricular activation differences. Journal of Electrocardiology, 2015, 48, 758-762.	0.9	6
71	QT dynamics during treatment with sertindole. Therapeutic Advances in Psychopharmacology, 2015, 5, 26-31.	2.7	6
72	Diagnostic accuracy of pace spikes in the electrocardiogram to diagnose paced rhythm. Journal of Electrocardiology, 2015, 48, 834-839.	0.9	6

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73	Ventricular ectopic burden in comatose survivors of out-of-hospital cardiac arrest treated with targeted temperature management at 33Â°C and 36Â°C. Resuscitation, 2016, 102, 98-104.	3.0	6
74	Type 1 diabetes is associated with T-wave morphology changes. The Thousand & 1 Study. Journal of Electrocardiology, 2018, 51, S72-S77.	0.9	6
75	Osborn waves following out-of-hospital cardiac arrestâ€"Effect of level of temperature management and risk of arrhythmia and death. Resuscitation, 2018, 128, 119-125.	3.0	6
76	Nonâ€invasively quantified changes in left ventricular activation predict outcomes in patients undergoing cardiac resynchronization therapy. Journal of Cardiovascular Electrophysiology, 2019, 30, 2475-2483.	1.7	6
77	The Association of a classical left bundle Branch Block Contraction Pattern by vendor-independent strain echocardiography and outcome after cardiac resynchronization therapy. Cardiovascular Ultrasound, 2019, 17, 10.	1.6	6
78	Association between T-wave discordance and the development of heart failure in left bundle branch block patients: Results from the Copenhagen ECG study. Journal of Electrocardiology, 2019, 52, 39-45.	0.9	6
79	Long QT syndrome type 1 and 2 patients respond differently to arrhythmic triggers: The TriQarr inÂvivo study. Heart Rhythm, 2021, 18, 241-249.	0.7	6
80	Plasma potassium concentration and cardiac repolarisation markers, Tpeakâ€"Tend and Tpeakâ€"Tend/QT, during and after exercise in healthy participants and in end-stage renal disease. European Journal of Applied Physiology, 2022, 122, 691-702.	2.5	6
81	A History of Drugâ€induced Torsades de Pointes Is Associated With Tâ€wave Morphological Abnormalities. Clinical Pharmacology and Therapeutics, 2018, 103, 1100-1106.	4.7	5
82	Comparing the consistency of electrocardiogram interval measurements by resting ECG versus 12â€lead Holter. Annals of Noninvasive Electrocardiology, 2021, 26, e12851.	1.1	5
83	Association between four-dimensional echocardiographic left atrial measures and left atrial fibrosis assessed by left atrial late gadolinium enhancement. European Heart Journal Cardiovascular Imaging, 2021, , .	1.2	5
84	Algorithm for the automatic computation of the modified Andersonâ€"Wilkins acuteness score of ischemia from the pre-hospital ECG in ST-segment elevation myocardial infarction. Journal of Electrocardiology, 2017, 50, 97-101.	0.9	4
85	Associations between left bundle branch block with different PR intervals, QRS durations, heart rates and the risk of heart failure: a register-based cohort study using ECG data from the primary care setting. Open Heart, 2021, 8, e001425.	2.3	4
86	Effect of hydroxychloroquine on the cardiac ventricular repolarization: A randomized clinical trial. British Journal of Clinical Pharmacology, 2021, , .	2.4	4
87	De novo electrocardiographic abnormalities in persons living with HIV. Scientific Reports, 2021, 11, 20750.	3.3	4
88	Sex differences in left ventricular electrical dyssynchrony and outcomes with cardiac resynchronization therapy. Heart Rhythm O2, 2020, 1, 243-249.	1.7	4
89	Minimal T-wave representation and its use in the assessment of drug arrhythmogenicity. , 2017, 22, e12413.		3
90	Hepatic steatosis in patients with schizophrenia: a clinical cross-sectional study. Nordic Journal of Psychiatry, 2021, , 1-6.	1.3	3

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91	Association between vectorcardiographic QRS area and incident heart failure diagnosis and mortality among patients with left bundle branch block: A register-based cohort study. Journal of Electrocardiology, 2021, 69, 30-35.	0.9	3
92	Automatic electrocardiographic algorithm for assessing severity of ischemia in ST-segment elevation myocardial infarction. International Journal of Cardiology, 2018, 268, 18-22.	1.7	2
93	Long-Term Prognostic Value of Less-Stringent Electrocardiographic Q Waves and Fourth Universal Definition of Myocardial Infarction Q Waves. American Journal of Medicine, 2020, 133, 582-589.e7.	1.5	2
94	Effect of moderate potassium-elevating treatment in long QT syndrome: the TriQarr Potassium Study. Open Heart, 2021, 8, e001670.	2.3	2
95	Repolarization and ventricular arrhythmia during targeted temperature management post cardiac arrest. Resuscitation, 2021, 166, 74-82.	3.0	2
96	Effect of Nalmefene 20 and 80â€‰mg on the Corrected QT Interval and T-Wave Morphology. Clinical Drug Investigation, 2011, , 1.	2.2	2
97	Relationship Between Electrical and Mechanical Dyssynchrony and Outcomes Among Patients Undergoing Cardiac Resynchronization Therapy. Circulation: Arrhythmia and Electrophysiology, 2021, 14, CIRCEP121010217.	4.8	2
98	Accuracy, analysis time, and reproducibility of dedicated 4D echocardiographic left atrial volume quantification software. International Journal of Cardiovascular Imaging, 2022, 38, 1277-1288.	1.5	2
99	Potential role of conventional and speckle-tracking echocardiography in the screening of structural and functional cardiac abnormalities in elderly individuals: Baseline echocardiographic findings from the LOOP study. PLoS ONE, 2022, 17, e0269475.	2.5	2
100	Choice of Baseline in Parallel Thorough QT Studies. Drug Safety, 2013, 36, 389-392.	3.2	1
101	The CardioSynchroGram: A method to visualize and quantify ventricular dyssynchrony. Journal of Electrocardiology, 2019, 57, S45-S50.	0.9	1
102	A Phase 1 Study to Investigate the Effects of Cortexolone 17Î±â€Propionate, Also Known as Clascoterone, on the QT Interval Using the Meal Effect to Demonstrate ECG Assay Sensitivity. Clinical Pharmacology in Drug Development, 2021, 10, 572-581.	1.6	1
103	Temporal Alignment of Asynchronously Sampled Biomedical Signals. , 0, , .		1
104	Electrocardiography in euthyroid individuals: a Danish general population study. Minerva Endocrinology, 2022, 47, .	1.1	1
105	Effect of hyperglycaemia in combination with moxifloxacin on cardiac repolarization in male and female patients with type I diabetes. Clinical Research in Cardiology, 0, , .	3.3	1
106	Associations between primary care electrocardiography and non-Alzheimer dementia. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106640.	1.6	1
107	Reply to the Editor â€“ Regarding the Role of Advanced Interatrial Block Pattern as a Predictor of Atrial Fibrillation. Heart Rhythm, 2016, 13, e87-e88.	0.7	0
108	Concomitant changes in ventricular depolarization and repolarization and longâ€term outcomes of biventricular pacing. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 1333-1343.	1.2	0

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109	Lead one ratio in left bundle branch block predicts poor cardiac resynchronization therapy response. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 503-510.	1.2	0
110	The Authors Reply:. JACC: Cardiovascular Imaging, 2021, 14, 704-705.	5.3	0
111	Electrocardiographic Measurements of the QT Interval During Embryonic Development in Fertilized Chicken Eggs. , 0, , .		0
112	Effect of Sample Rate on saECG Spectrum. , 0, , .		0
113	ECG and CT for the detection of left atrial enlargement in hypertensive individualsâ€”a population-based study. Hypertension Research, 2022, , .	2.7	0