

Stefan KÃ¸Ã¸b

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

5,519
citations

136950

32
h-index

88630

70
g-index

87
all docs

87
docs citations

87
times ranked

9242
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018, 50, 1225-1233.	21.4	552
2	Immunothrombotic Dysregulation in COVID-19 Pneumonia Is Associated With Respiratory Failure and Coagulopathy. <i>Circulation</i> , 2020, 142, 1176-1189.	1.6	429
3	Risk stratification for sudden cardiac death: current status and challenges for the future. <i>European Heart Journal</i> , 2014, 35, 1642-1651.	2.2	341
4	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010, 42, 1068-1076.	21.4	308
5	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836.	21.4	281
6	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	21.4	279
7	Subcutaneous or Transvenous Defibrillator Therapy. <i>New England Journal of Medicine</i> , 2020, 383, 526-536.	27.0	278
8	Large scale replication and meta-analysis of variants on chromosome 4q25 associated with atrial fibrillation. <i>European Heart Journal</i> , 2008, 30, 813-819.	2.2	193
9	Genome-wide association study identifies a susceptibility locus at 21q21 for ventricular fibrillation in acute myocardial infarction. <i>Nature Genetics</i> , 2010, 42, 688-691.	21.4	170
10	2020 APHRS/HRS expert consensus statement on the investigation of decedents with sudden unexplained death and patients with sudden cardiac arrest, and of their families. <i>Heart Rhythm</i> , 2021, 18, e1-e50.	0.7	151
11	A Large Candidate Gene Survey Identifies the <i>KCNK1</i> D85N Polymorphism as a Possible Modulator of Drug-Induced Torsades de Pointes. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 91-99.	5.1	150
12	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. <i>Europace</i> , 2014, 16, 1426-1433.	1.7	144
13	Animal models of arrhythmia: classic electrophysiology to genetically modified large animals. <i>Nature Reviews Cardiology</i> , 2019, 16, 457-475.	13.7	131
14	Novel Genetic Markers Associate With Atrial Fibrillation Risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1200-1210.	2.8	127
15	Defining the major health modifiers causing atrial fibrillation: a roadmap to underpin personalized prevention and treatment. <i>Nature Reviews Cardiology</i> , 2016, 13, 230-237.	13.7	122
16	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113
17	Determination and Interpretation of the QT Interval. <i>Circulation</i> , 2018, 138, 2345-2358.	1.6	100
18	Sotalol testing unmasks altered repolarization in patients with suspected acquired long-QT-syndrome? a case-control pilot study using i.v. sotalol. <i>European Heart Journal</i> , 2003, 24, 649-657.	2.2	96

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19	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017, 8, 15805.	12.8	95
20	Animal Models of Atrial Fibrillation. <i>Circulation Research</i> , 2020, 127, 91-110.	4.5	82
21	Vascular neutrophilic inflammation and immunothrombosis distinguish severe COVID-19 from influenza pneumonia. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 574-581.	3.8	80
22	Discontinuation versus continuation of renin-angiotensin-system inhibitors in COVID-19 (ACEI-COVID): a prospective, parallel group, randomised, controlled, open-label trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 863-872.	10.7	75
23	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018, 9, 2904.	12.8	71
24	Self-sustaining IL-8 loops drive a prothrombotic neutrophil phenotype in severe COVID-19. <i>JCI Insight</i> , 2021, 6, .	5.0	71
25	Does deep inspiration breath-hold prolong life? Individual risk estimates of ischaemic heart disease after breast cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 131, 202-207.	0.6	65
26	Alcohol consumption, sinus tachycardia, and cardiac arrhythmias at the Munich Oktoberfest: results from the Munich Beer Related Electrocardiogram Workup Study (MunichBREW). <i>European Heart Journal</i> , 2017, 38, 2100-2106.	2.2	61
27	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.	12.8	59
28	Myocardial Inflammation and Dysfunction in COVID-19-associated Myocardial Injury. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012220.	2.6	59
29	Detailed characterization of microRNA changes in a canine heart failure model: Relationship to arrhythmogenic structural remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 113-124.	1.9	47
30	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018, 19, 87.	8.8	47
31	Early repolarization pattern is the strongest predictor of arrhythmia recurrence in patients with idiopathic ventricular fibrillation: results from a single centre long-term follow-up over 20 years. <i>Europace</i> , 2016, 18, 718-725.	1.7	44
32	Reduced left atrial cardiomyocyte PITX2 and elevated circulating BMP10 predict atrial fibrillation after ablation. <i>JCI Insight</i> , 2020, 5, .	5.0	44
33	Down regulation of Kv3.4 channels by chronic hypoxia increases acute oxygen sensitivity in rabbit carotid body. <i>Journal of Physiology</i> , 2005, 566, 395-408.	2.9	39
34	Fifteen Genetic Loci Associated With the Electrocardiographic P Wave. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	38
35	Evidence for increased SARS-CoV-2 susceptibility and COVID-19 severity related to pre-existing immunity to seasonal coronaviruses. <i>Cell Reports</i> , 2021, 37, 110169.	6.4	34
36	Interpretation and actionability of genetic variants in cardiomyopathies: a position statement from the European Society of Cardiology Council on cardiovascular genomics. <i>European Heart Journal</i> , 2022, 43, 1901-1916.	2.2	32

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37	The Role of MicroRNAs in Antiarrhythmic Therapy for Atrial Fibrillation. <i>Arrhythmia and Electrophysiology Review</i> , 2015, 4, 146.	2.4	30
38	Genetic Susceptibility for Atrial Fibrillation in Patients Undergoing Atrial Fibrillation Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007676.	4.8	30
39	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. <i>European Journal of Human Genetics</i> , 2019, 27, 952-962.	2.8	29
40	Efficacy and Safety of Appropriate Shocks and Antitachycardia Pacing in Transvenous and Subcutaneous Implantable Defibrillators: Analysis of All Appropriate Therapy in the PRAETORIAN Trial. <i>Circulation</i> , 2022, 145, 321-329.	1.6	28
41	Targeted sequencing in candidate genes for atrial fibrillation: The Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Targeted Sequencing Study. <i>Heart Rhythm</i> , 2014, 11, 452-457.	0.7	24
42	Chronically elevated branched chain amino acid levels are pro-arrhythmic. <i>Cardiovascular Research</i> , 2022, 118, 1742-1757.	3.8	24
43	Functional Characterization of Rare Variants in the SHOX2 Gene Identified in Sinus Node Dysfunction and Atrial Fibrillation. <i>Frontiers in Genetics</i> , 2019, 10, 648.	2.3	21
44	Procoagulant platelet sentinels prevent inflammatory bleeding through GPIIB/IIIa and GPVI. <i>Blood</i> , 2022, 140, 121-139.	1.4	21
45	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002037.	3.6	19
46	Rationale and design of the EU-CERT-ICD prospective study: comparative effectiveness of prophylactic ICD implantation. <i>ESC Heart Failure</i> , 2019, 6, 182-193.	3.1	18
47	One-year clinical outcome after ablation with a novel multipolar irrigated ablation catheter for treatment of atrial fibrillation: potential implications for clinical use. <i>Europace</i> , 2016, 18, 1170-1178.	1.7	17
48	Repolarization Heterogeneity Measured With T-Wave Area Dispersion in Standard 12-Lead ECG Predicts Sudden Cardiac Death in General Population. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005762.	4.8	17
49	Laminopathy presenting as familial atrial fibrillation. <i>International Journal of Cardiology</i> , 2010, 145, 394-396.	1.7	16
50	Directed acyclic graphs helped to identify confounding in the association of disability and electrocardiographic findings: results from the KORA-Age study. <i>Journal of Clinical Epidemiology</i> , 2014, 67, 199-206.	5.0	16
51	Early repolarization pattern: a marker of increased risk in patients with catecholaminergic polymorphic ventricular tachycardia. <i>Europace</i> , 2016, 18, 1587-1592.	1.7	16
52	Impairment of Quality of Life among Patients with Wearable Cardioverter Defibrillator Therapy (LifeVest®): A Preliminary Study. <i>BioMed Research International</i> , 2018, 2018, 1-6.	1.9	16
53	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 387-395.	3.6	16
54	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. <i>American Heart Journal</i> , 2017, 190, 34-39.	2.7	13

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55	2022 HRS expert consensus statement on evaluation and management of arrhythmic risk in neuromuscular disorders. <i>Heart Rhythm</i> , 2022, 19, e61-e120.	0.7	13
56	Genomic epidemiology reveals multiple introductions of SARS-CoV-2 followed by community and nosocomial spread, Germany, February to May 2020. <i>Eurosurveillance</i> , 2021, 26, .	7.0	11
57	Development and external validation of predictive models for prevalent and recurrent atrial fibrillation: a protocol for the analysis of the CATCH ME combined dataset. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 120.	1.7	10
58	A practical guide to setting up pig models for cardiovascular catheterization, electrophysiological assessment and heart disease research. <i>Lab Animal</i> , 2022, 51, 46-67.	0.4	10
59	Selective Block of Sarcolemmal IKATP in Human Cardiomyocytes Using HMR 1098. <i>Cardiovascular Drugs and Therapy</i> , 2003, 17, 435-441.	2.6	9
60	The INFLUENCE of Remote monitoring on Anxiety/depReSSion, quality of lifE, and Device acceptance in ICD patients: a prospective, randomized, controlled, single-center trial. <i>Clinical Research in Cardiology</i> , 2021, 110, 789-800.	3.3	9
61	Outcomes of ablation in Wolff-Parkinson-White-syndrome: Data from the German Ablation Registry. <i>International Journal of Cardiology</i> , 2021, 323, 106-112.	1.7	9
62	A genetic variant alters the secondary structure of the lncRNA H19 and is associated with dilated cardiomyopathy. <i>RNA Biology</i> , 2021, 18, 409-415.	3.1	9
63	Early decision-analytic modeling “ a case study on vascular closure devices. <i>BMC Health Services Research</i> , 2015, 15, 486.	2.2	8
64	Assessment of right ventricular sympathetic dysfunction in patients with arrhythmogenic right ventricular cardiomyopathy: An 123I-metaiodobenzylguanidine SPECT/CT study. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2402-2409.	2.1	8
65	Precise Correction of Heterozygous SHOX2 Mutations in hiPSCs Derived from Patients with Atrial Fibrillation via Genome Editing and Sib Selection. <i>Stem Cell Reports</i> , 2020, 15, 999-1013.	4.8	6
66	A History of Drug-Induced Torsades de Pointes Is Associated With T-wave Morphological Abnormalities. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 1100-1106.	4.7	5
67	Characterization of a novel KCNJ2 sequence variant detected in Andersen-Tawil syndrome patients. <i>BMC Medical Genetics</i> , 2017, 18, 113.	2.1	4
68	Clinical utility gene card for: Long-QT syndrome. <i>European Journal of Human Genetics</i> , 2021, 29, 1825-1832.	2.8	4
69	Benefit of Contact Force Sensing Catheter Technology for Successful Left Atrial Anterior Line Formation: A Prospective Randomized Trial. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	3
70	Genetic insight into sick sinus syndrome. Is there a pill for it or how far are we on the translational road to personalized medicine?. <i>European Heart Journal</i> , 2021, 42, 1972-1975.	2.2	3
71	Left-ventricular innervation assessed by 123I-SPECT/CT is associated with cardiac events in inherited arrhythmia syndromes. <i>International Journal of Cardiology</i> , 2020, 312, 129-135.	1.7	2
72	Apixaban versus Phenprocoumon: Oral AntiCoagulation plus antiplatelet therapy in patients with Acute Coronary Syndrome and Atrial Fibrillation (APPROACH-ACS-AF). <i>IJC Heart and Vasculature</i> , 2021, 35, 100810.	1.1	2

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73	Molecular Mechanism of Autosomal Recessive Long QT-Syndrome 1 without Deafness. International Journal of Molecular Sciences, 2021, 22, 1112.	4.1	2
74	The influence of prompts on final year medical students' learning process and achievement in ECG interpretation. GMS Journal for Medical Education, 2020, 37, Doc11.	0.1	2
75	How exercise can deteriorate the clinical course of an ARVC patient: a case report. European Heart Journal - Case Reports, 2021, 5, ytab417.	0.6	2
76	Central retinal artery occlusion as a first sign of atrial fibrillation: A 3-year retrospective single-center analysis. Clinical Cardiology, 2021, 44, 1654-1661.	1.8	2
77	Implementation of a Clinical Trial Recruitment Support System Based on Fast Healthcare Interoperability Resources (FHIR) in a Cardiology Department. Studies in Health Technology and Informatics, 2022, , .	0.3	2
78	Genome-Wide Association Studies Revealing the Heritability of Common Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	1
79	Do it â€œRIGHTâ€ HeartMate 3 as Destination Therapy Right Ventricular Assist Device in a Patient With Arrhythmogenic Right Ventricular Cardiomyopathy. ASAIO Journal, 2022, Publish Ahead of Print, .	1.6	1
80	Common electrocardiogram measures are not associated with telomere length. Aging, 0, , .	3.1	1
81	Variety is the spice of life: searching for the substrates of regional myocardial electrical properties. Journal of Physiology, 2007, 582, 473-473.	2.9	0
82	Two in one is better than one plus one: comparison of adverse events between combining electrophysiological examination and coronary angiography versus performing them consecutively. Journal of Interventional Cardiac Electrophysiology, 2017, 50, 203-209.	1.3	0
83	Recurrent Stroke in a Young Patient with Embolic Stroke of Undetermined Source and Patent Foramen Ovale: Quo Vadis?. Case Reports in Neurology, 2020, 12, 45-49.	0.7	0
84	Abstract 13402: Continuous Rhythm Monitoring in Patients After Embolic Stroke of Undetermined Source Yields High Evaluation Burden. Circulation, 2021, 144, .	1.6	0
85	Response to the clinical commentary â€˜Telemedical monitoring by an implanted loop recorder: gateway to personalized medicine? Results of the SMART-MI studyâ€™. Cardiovascular Research, 0, , .	3.8	0