

# Kjell Nikus

## List of Publications by Year in descending order

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114  
papers

5,529  
citations

186265

28  
h-index

102487

66  
g-index

141  
all docs

141  
docs citations

141  
times ranked

10765  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of ECG in the Diagnosis and Risk Stratification of Acute Coronary Syndromes: an Old but Indispensable Tool. <i>Current Cardiology Reports</i> , 2022, 24, 109-118.	2.9	4
2	Prevalence and long-term prognostic implications of prolonged QRS duration in left ventricular hypertrophy: a population-based observational cohort study. <i>BMJ Open</i> , 2022, 12, e053477.	1.9	0
3	Transient ascending ST-segment depression and widening of the S wave in 3-channel Holter monitoring—A sign of dromotropic disturbance in the right ventricular outflow tract in the Brugada syndrome: A report of five cases. <i>Annals of Noninvasive Electrocardiology</i> , 2022, 27, e12917.	1.1	1
4	A Higher Mean Heart Radiation Dose Induces Higher Frequency of Multiple Cardiac Changes. <i>Anticancer Research</i> , 2022, 42, 2519-2529.	1.1	0
5	Interatrial block and P terminal force in the general population – Longitudinal changes, risk factors and prognosis. <i>Journal of Electrocardiology</i> , 2022, 73, 12-20.	0.9	1
6	Early ischemic ST-segment and T-wave changes during balloon angioplasty. <i>Journal of Electrocardiology</i> , 2022, 73, 87-95.	0.9	4
7	FDG-PET in possible cardiac sarcoidosis: Right ventricular uptake and high total cardiac metabolic activity predict cardiovascular events. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 199-205.	2.1	30
8	The prognostic significance of T-wave inversion according to ECG lead group during long-term follow-up in the general population. <i>Annals of Noninvasive Electrocardiology</i> , 2021, 26, e12799.	1.1	18
9	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	5.2	42
10	Long-term outcome of intraventricular conduction delays in the general population. <i>Annals of Noninvasive Electrocardiology</i> , 2021, 26, e12788.	1.1	9
11	Electrocardiographic and Echocardiographic Abnormalities in Patients with Risk Factors for Atrial Fibrillation. <i>Cardiac Electrophysiology Clinics</i> , 2021, 13, 211-219.	1.7	3
12	Conduction Disorders in the Setting of Acute STEMI. <i>Current Cardiology Reviews</i> , 2021, 17, 41-49.	1.5	8
13	The Vectorcardiogram and the Main Dromotropic Disturbances. <i>Current Cardiology Reviews</i> , 2021, 17, 50-59.	1.5	6
14	A rare combination of atrial and intraventricular conduction disturbances: Atypical type I advanced interatrial block, left posterior fascicular block and transient right bundle branch block. <i>Journal of Electrocardiology</i> , 2021, 65, 45-49.	0.9	2
15	Is RBBB the new LBBB? Are we going to repeat the same mistakes?. <i>Journal of Electrocardiology</i> , 2021, 65, 34-36.	0.9	3
16	Poor long-term outcome in acute coronary syndrome in a real-life setting: Ten-year outcome of the TACOS study. <i>Cardiology Journal</i> , 2021, 28, 302-311.	1.2	9
17	Timing of pacemaker and ICD implantation in LMNA mutation carriers. <i>Open Heart</i> , 2021, 8, e001622.	2.3	3
18	Relevance of the vectorcardiogram in the Brugada syndrome with “northwest QRS axis”. <i>Journal of Electrocardiology</i> , 2021, 66, 125-128.	0.9	0

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19	Prehospital Adenosine Diphosphate Receptor Blocker Use, Culprit Artery Flow, and Mortality in STEMI: The MADDEC Study. <i>Clinical Drug Investigation</i> , 2021, 41, 605-613.	2.2	1
20	The Association of Atrial Fibrillation before Percutaneous Coronary Intervention with 1-Year Outcome in ST-elevation Myocardial Infarction patients. <i>CJC Open</i> , 2021, 3, 1221-1229.	1.5	1
21	Reply to letter to the editor. <i>Journal of Electrocardiology</i> , 2021, 67, 50-51.	0.9	0
22	The prognostic significance of grade of ischemia in the ECG in patients with ST-elevation myocardial infarction: A substudy of the randomized trial of primary PCI with or without routine manual thrombectomy (TOTAL trial). <i>Journal of Electrocardiology</i> , 2021, 68, 65-71.	0.9	4
23	Andersenâ€™Tawil Syndrome. <i>Cardiology in Review</i> , 2021, 29, 165-177.	1.4	21
24	GRINL1A Complex Transcription Unit Containing GCOM1, MYZAP, and POLR2M Genes Associates with Fully Penetrant Recessive Dilated Cardiomyopathy. <i>Frontiers in Genetics</i> , 2021, 12, 786705.	2.3	9
25	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
26	18-FDG-PET in a patient cohort suspected for cardiac sarcoidosis: Right ventricular uptake is associated with pathological uptake in mediastinal lymph nodes. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 109-117.	2.1	8
27	Transient highâ€™degree right bundle branch block masking the type 1 Brugada ECG pattern associated with possible transient early repolarization syndrome. <i>Annals of Noninvasive Electrocardiology</i> , 2020, 25, e12673.	1.1	3
28	Cardiorespiratory fitness and heart rate recovery predict sudden cardiac death independent of ejection fraction. <i>Heart</i> , 2020, 106, 434-440.	2.9	6
29	Long-term prognostic significance of the ST level and ST slope in the 12â€™lead ECG in the general population. <i>Journal of Electrocardiology</i> , 2020, 58, 176-183.	0.9	3
30	The association between charlson comorbidity index and mortality in acute coronary syndrome â€™ the MADDEC study. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 146-152.	1.2	16
31	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020, 182, 1214-1231.e11.	28.9	388
32	Relation of intraventricular conduction delay to risk of new-onset heart failure and structural heart disease in the general population. <i>IJC Heart and Vasculature</i> , 2020, 31, 100639.	1.1	3
33	A counterpoint paper: Comments on the electrocardiographic part of the 2018 Fourth Universal Definition of Myocardial Infarction endorsed by the International Society of Electrocardiology and the International Society for Holter and Noninvasive Electrocardiology. <i>Annals of Noninvasive Electrocardiology</i> , 2020, 25, e12786.	1.1	5
34	Association of Factor V Leiden With Subsequent Atherothrombotic Events. <i>Circulation</i> , 2020, 142, 546-555.	1.6	11
35	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , 2020, 182, 1198-1213.e14.	28.9	353
36	What Should Be Done With the Asymptomatic Patient With Right Bundle Branch Block?. <i>Journal of the American Heart Association</i> , 2020, 9, e018987.	3.7	5

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37	Electrocardiographic "Northwest QRS-Axis" in the Brugada Syndrome. <i>JACC: Case Reports</i> , 2020, 2, 2230-2234.	0.6	4
38	The high-risk ECG pattern of ST-elevation myocardial infarction: A substudy of the randomized trial of primary PCI with or without routine manual thrombectomy (TOTAL trial). <i>International Journal of Cardiology</i> , 2020, 319, 40-45.	1.7	3
39	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.	12.8	59
40	The electrocardiographic "triangular QRS-ST-T waveform" pattern: a marker of severe haemodynamic compromise in Takotsubo syndrome—a case report. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-6.	0.6	6
41	Different ECG patterns of left main coronary artery occlusion signifying varying degrees of ischemic severity. <i>Journal of Electrocardiology</i> , 2020, 60, 12-14.	0.9	9
42	PR depression with multilead ST elevation and ST depression in aVR by left circumflex artery occlusion: How to differentiate from acute pericarditis. <i>Annals of Noninvasive Electrocardiology</i> , 2020, 25, e12752.	1.1	5
43	The prevalence and prognostic significance of interatrial block in the general population. <i>Annals of Medicine</i> , 2020, 52, 63-73.	3.8	10
44	A counterpoint paper: Comments on the electrocardiographic part of the 2018 Fourth Universal Definition of Myocardial Infarction. <i>Journal of Electrocardiology</i> , 2020, 60, 142-147.	0.9	12
45	Left bundle branch block: Epidemiology, etiology, anatomic features, electrovectorcardiography, and classification proposal. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12572.	1.1	25
46	Electrovectorcardiographic and electrophysiological aspects of Ebstein's anomaly. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12590.	1.1	6
47	Acute inferior myocardial infarction with right ventricular involvement and several clinical electrocardiographic markers of poor prognosis. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12592.	1.1	6
48	Combination of low blood pressure response, low exercise capacity and slow heart rate recovery during an exercise test significantly increases mortality risk. <i>Annals of Medicine</i> , 2019, 51, 390-396.	3.8	12
49	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	12.8	133
50	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
51	Current aspects of the basic concepts of the electrophysiology of the sinoatrial node. <i>Journal of Electrocardiology</i> , 2019, 57, 112-118.	0.9	7
52	PR depression with multi-lead ST elevation and ST depression in aVR: Is it always acute pericarditis?. <i>Journal of Electrocardiology</i> , 2019, 54, 13-17.	0.9	8
53	Predicting the outcome of acute pulmonary embolism by dynamic changes of the QRS complex in lead V1. <i>Journal of Electrocardiology</i> , 2019, 55, 144-151.	0.9	4
54	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549

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55	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002470.	3.6	17
56	Extensive phenotype data and machine learning in prediction of mortality in acute coronary syndrome – the MADDEC study. <i>Annals of Medicine</i> , 2019, 51, 156-163.	3.8	44
57	Re-evaluating the electrovectorcardiographic criteria for left bundle branch block. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12644.	1.1	7
58	Epsilon wave: A review of historical aspects. <i>Indian Pacing and Electrophysiology Journal</i> , 2019, 19, 63-67.	0.6	11
59	Comparison of the prognostic role of Q waves and inverted T waves in the presenting ECG of STEMI patients. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12585.	1.1	10
60	Transient left septal fascicular block in a patient with stable effort angina and critical proximal obstruction of left anterior descending coronary artery. <i>Journal of Electrocardiology</i> , 2019, 52, 79-81.	0.9	4
61	Upsloping ST depression: Is it acute ischemia?. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12607.	1.1	7
62	The tetrafascicular nature of the intraventricular conduction system. <i>Clinical Cardiology</i> , 2019, 42, 169-174.	1.8	11
63	Electrovectorcardiographic demonstration of rate-independent transient left posterior fascicular block. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12600.	1.1	2
64	Transient left septal fascicular block and left anterior fascicular block as a consequence of proximal subocclusion of the left anterior descending coronary artery. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12546.	1.1	8
65	Electro-vectorcardiographic demonstration of bifascicular block associated with ventricular preexcitation. , 2019, 24, e12550.		3
66	Transient left anterior and septal fascicular blocks after self-expandable percutaneous transcatheter aortic valve implantation. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12553.	1.1	6
67	<sup>18</sup> F-FDG-PET in Finnish patients with clinical suspicion of cardiac sarcoidosis: Female sex and history of atrioventricular block increase the prevalence of positive PET findings. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 394-400.	2.1	9
68	Left ventricular ejection fraction adds value over the GRACE score in prediction of 6-month mortality after ACS: the MADDEC study. <i>Open Heart</i> , 2019, 6, e001007.	2.3	12
69	Extensive Anterior Myocardial Infarction ... and Something Else?. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 112, 803-806.	0.8	0
70	Transient left septal fascicular block in the setting of acute coronary syndrome associated with giant slurring variant J wave. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12536.	1.1	10
71	Outcome of all-comers with STEMI based on the grade of ischemia in the presenting ECG. <i>Journal of Electrocardiology</i> , 2018, 51, 598-606.	0.9	4
72	Acute coronary syndrome of very unusual etiology. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12531.	1.1	5

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73	Electrocardiographic changes before and after successful kidney transplantation and associations with cardiovascular and mortality outcomes. <i>Clinical Transplantation</i> , 2018, 32, e13242.	1.6	2
74	Electrocardiographic recognition of right ventricular hypertrophy. <i>Journal of Electrocardiology</i> , 2018, 51, 46-49.	0.9	11
75	Associations between ECG changes and echocardiographic findings in patients with acute non-ST elevation myocardial infarction. <i>Journal of Electrocardiology</i> , 2018, 51, 188-194.	0.9	7
76	Left posterior fascicular block, state-of-the-art review: A 2018 update. <i>Indian Pacing and Electrophysiology Journal</i> , 2018, 18, 217-230.	0.6	11
77	Novel electrocardiographic features in carriers of hypertrophic cardiomyopathy causing sarcomeric mutations. <i>Journal of Electrocardiology</i> , 2018, 51, 983-989.	0.9	3
78	Transient prominent anterior QRS forces in the setting ST segment elevation coronary syndrome: Left septal fascicular block. <i>Journal of Electrocardiology</i> , 2018, 51, 798-800.	0.9	3
79	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018, 50, 1225-1233.	21.4	552
80	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
81	Proposed In-Training Electrocardiogram Interpretation Competencies for Undergraduate and Postgraduate Trainees. <i>Journal of Hospital Medicine</i> , 2018, 13, 185-193.	1.4	41
82	Radiotherapy-induced Early ECG Changes and Their Comparison with Echocardiography in Patients with Early-stage Breast Cancer. <i>Anticancer Research</i> , 2018, 38, 2207-2215.	1.1	4
83	Electrocardiographic findings during balloon angioplasty of the left circumflex coronary artery – influence of location of the ischemic segments with respect to the obtuse margin of the left ventricle. <i>Journal of Electrocardiology</i> , 2017, 50, 102-110.	0.9	3
84	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
85	Clinical disease presentation and ECG characteristics of LMNA mutation carriers. <i>Open Heart</i> , 2017, 4, e000474.	2.3	26
86	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017, 8, 15805.	12.8	95
87	Electrocardiographic risk stratification of asymptomatic population without cardiovascular disease: Should we add the QRS-T angle?. <i>Journal of Electrocardiology</i> , 2017, 50, 543-544.	0.9	5
88	Electrocardiogram changes and atrial arrhythmias in individuals carrying sodium channel SCN5A D1275N mutation. <i>Annals of Medicine</i> , 2017, 49, 496-503.	3.8	4
89	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , 2017, 7, 11303.	3.3	15
90	Novel ECG parameters are strongly associated with inflammatory 18 F-FDG PET findings in patients with suspected cardiac sarcoidosis. <i>International Journal of Cardiology</i> , 2017, 249, 454-460.	1.7	6

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91	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. <i>American Journal of Human Genetics</i> , 2016, 99, 8-21.	6.2	60
92	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	3.2	34
93	A patient with non-ST-segment elevation acute coronary syndrome: Is it possible to predict the culprit coronary artery?. <i>Journal of Electrocardiology</i> , 2016, 49, 614-619.	0.9	1
94	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
95	Prevalence and prognosis of ECG abnormalities in normotensive and hypertensive individuals. <i>Journal of Hypertension</i> , 2016, 34, 959-966.	0.5	51
96	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , 2016, 99, 40-55.	6.2	82
97	About QRS prolongation, distortion and the acuteness score. <i>Journal of Electrocardiology</i> , 2016, 49, 265-271.	0.9	4
98	Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. <i>American Journal of Human Genetics</i> , 2016, 99, 22-39.	6.2	50
99	Genetic Variants on Chromosome 1p13.3 Are Associated with Non-ST Elevation Myocardial Infarction and the Expression of <i>DRAM2</i> in the Finnish Population. <i>PLoS ONE</i> , 2015, 10, e0140576.	2.5	6
100	Prognostic implications of intraventricular conduction delays in a general population: The Health 2000 Survey. <i>Annals of Medicine</i> , 2015, 47, 74-80.	3.8	27
101	Prognostic capacity of a clinically indicated exercise test for cardiovascular mortality is enhanced by combined analysis of exercise capacity, heart rate recovery and T-wave alternans. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1162-1170.	1.8	16
102	Effect of heart rate correction on pre- and post-exercise heart rate variability to predict risk of mortality: an experimental study on the FINCAVAS cohort. <i>Frontiers in Physiology</i> , 2014, 5, 208.	2.8	28
103	ECG Diagnosis and Classification of Acute Coronary Syndromes. <i>Annals of Noninvasive Electrocardiology</i> , 2014, 19, 4-14.	1.1	54
104	Negative T Wave in Ischemic Heart Disease: A Consensus Article. <i>Annals of Noninvasive Electrocardiology</i> , 2014, 19, 426-441.	1.1	32
105	The Role of the ECG in Diagnosis, Risk Estimation, and Catheterization Laboratory Activation in Patients with Acute Coronary Syndromes: A Consensus Document. <i>Annals of Noninvasive Electrocardiology</i> , 2014, 19, 412-425.	1.1	36
106	Antonio BayÃ©s de Luna â€” the man behind the BaMa ECG Symposia. <i>Journal of Electrocardiology</i> , 2014, 47, 745-747.	0.9	0
107	Common pitfalls in the interpretation of electrocardiograms from patients with acute coronary syndromes with narrow QRS: a consensus report. <i>Journal of Electrocardiology</i> , 2012, 45, 463-475.	0.9	54
108	Common variation in the <i>ADAM8</i> gene affects serum sADAM8 concentrations and the risk of myocardial infarction in two independent cohorts. <i>Atherosclerosis</i> , 2011, 218, 127-133.	0.8	23

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109	Report of the third International Society for Holter and Noninvasive Electrocardiology working group on improved electrocardiographic criteria for acute and chronic ischemic heart diseaseâ€”Lund, Sweden: June 2010. Journal of Electrocardiology, 2011, 44, 84-86.	0.9	9
110	Electrocardiographic classification of acute coronary syndromes: a review by a committee of the International Society for Holter and Non-Invasive Electrocardiology. Journal of Electrocardiology, 2010, 43, 91-103.	0.9	100
111	The role of continuous monitoring in a 24/7 telecardiology consultation serviceâ€”a feasibility study. Journal of Electrocardiology, 2009, 42, 473-480.	0.9	33
112	Aspirin and statin medication decreases the risk of myocardial infarction associated with LTA and NFKBIL1 polymorphisms. Open Medicine (Poland), 2006, 1, 237-249.	1.3	0
113	The Finnish Cardiovascular Study (FINCAVAS): characterising patients with high risk of cardiovascular morbidity and mortality. BMC Cardiovascular Disorders, 2006, 6, 9.	1.7	48
114	A New Terminology for Left Ventricular Walls and Location of Myocardial Infarcts That Present Q Wave Based on the Standard of Cardiac Magnetic Resonance Imaging. Circulation, 2006, 114, 1755-1760.	1.6	166