# Kjell Nikus

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6867401/publications.pdf

Version: 2024-02-01

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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 | Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233. | 21.4 | 552 |
| 2 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972. | 21.4 | 549 |
| 3 | Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190. | 27.8 | 544 |
| 4 | The Polygenic and Monogenic Basis of Blood Traits and Diseases. Cell, 2020, 182, 1214-1231.e11. | 28.9 | 388 |
| 5 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184. | 21.4 | 362 |
| 6 | Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. Cell, 2020, 182, 1198-1213.e14. | 28.9 | 353 |
| 7 | The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679. | 27.8 | 353 |
| 8 | Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41. | 21.4 | 286 |
| 9 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474. | 21.4 | 251 |
| 10 | 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 |
| 11 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130. | 12.8 | 133 |
| 12 | 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 |
| 13 | Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805. | 12.8 | 95 |
| 14 | Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. American Journal of Human Genetics, 2016, 99, 40-55. | 6.2 | 82 |
| 15 | Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. American Journal of Human Genetics, 2016, 99, 8-21. | 6.2 | 60 |
| 16 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542. | 12.8 | 59 |
| 17 | Common pitfalls in the interpretation of electrocardiograms from patients with acute coronary syndromes with narrow QRS: a consensus report. Journal of Electrocardiology, 2012, 45, 463-475. | 0.9 | 54 |
| 18 | ECG Diagnosis and Classification of Acute Coronary Syndromes. Annals of Noninvasive Electrocardiology, 2014, 19, 4-14. | 1.1 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Prevalence and prognosis of ECG abnormalities in normotensive and hypertensive individuals. Journal of Hypertension, 2016, 34, 959-966. | 0.5 | 51 |
| 20 | Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. American Journal of Human Genetics, 2016, 99, 22-39. | 6.2 | 50 |
| 21 | The Finnish Cardiovascular Study (FINCAVAS): characterising patients with high risk of cardiovascular morbidity and mortality. BMC Cardiovascular Disorders, 2006, 6, 9. | 1.7 | 48 |
| 22 | Extensive phenotype data and machine learning in prediction of mortality in acute coronary syndrome â€“ the MADDEC study. Annals of Medicine, 2019, 51, 156-163. | 3.8 | 44 |
| 23 | Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. Kidney International, 2021, 99, 926-939. | 5.2 | 42 |
| 24 | Proposed Inâ€Training Electrocardiogram Interpretation Competencies for Undergraduate and Postgraduate Trainees. Journal of Hospital Medicine, 2018, 13, 185-193. | 1.4 | 41 |
| 25 | The Role of the ECG in Diagnosis, Risk Estimation, and Catheterization Laboratory Activation in Patients with Acute Coronary Syndromes: A Consensus Document. Annals of Noninvasive Electrocardiology, 2014, 19, 412-425. | 1.1 | 36 |
| 26 | Meta-analysis of 49â€…549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant inANGPTL4determining fasting TG levels. Journal of Medical Genetics, 2016, 53, 441-449. | 3.2 | 34 |
| 27 | 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 |
| 28 | Negative T Wave in Ischemic Heart Disease: A Consensus Article. Annals of Noninvasive Electrocardiology, 2014, 19, 426-441. | 1.1 | 32 |
| 29 | FDG-PET in possible cardiac sarcoidosis: Right ventricular uptake and high total cardiac metabolic activity predict cardiovascular events. Journal of Nuclear Cardiology, 2021, 28, 199-205. | 2.1 | 30 |
| 30 | Effect of heart rate correction on pre- and post-exercise heart rate variability to predict risk of mortalityÃ¢â‚¬â€an experimental study on the FINCAVAS cohort. Frontiers in Physiology, 2014, 5, 208. | 2.8 | 28 |
| 31 | Prognostic implications of intraventricular conduction delays in a general population: The Health 2000 Survey. Annals of Medicine, 2015, 47, 74-80. | 3.8 | 27 |
| 32 | Clinical disease presentation and ECG characteristics ofLMNAmutation carriers. Open Heart, 2017, 4, e000474. | 2.3 | 26 |
| 33 | Left bundle branch block: Epidemiology, etiology, anatomic features, electrovectorcardiography, and classification proposal. Annals of Noninvasive Electrocardiology, 2019, 24, e12572. | 1.1 | 25 |
| 34 | Common variation in the ADAM8 gene affects serum sADAM8 concentrations and the risk of myocardial infarction in two independent cohorts. Atherosclerosis, 2011, 218, 127-133. | 0.8 | 23 |
| 35 | Andersenâ€“Tawil Syndrome. Cardiology in Review, 2021, 29, 165-177. | 1.4 | 21 |
| 36 | The prognostic significance of Tâ€wave inversion according to ECG lead group during longâ€term followâ€up in the general population. Annals of Noninvasive Electrocardiology, 2021, 26, e12799. | 1.1 | 18 |

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|---|---|---|---|
| 37 | Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470. | 3.6 | 17 |
| 38 | 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. European Journal of Preventive Cardiology, 2015, 22, 1162-1170. | 1.8 | 16 |
| 39 | The association between charlson comorbidity index and mortality in acute coronary syndrome â€“ the MADDEC study. Scandinavian Cardiovascular Journal, 2020, 54, 146-152. | 1.2 | 16 |
| 40 | Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. Scientific Reports, 2017, 7, 11303. | 3.3 | 15 |
| 41 | Combination of low blood pressure response, low exercise capacity and slow heart rate recovery during an exercise test significantly increases mortality risk. Annals of Medicine, 2019, 51, 390-396. | 3.8 | 12 |
| 42 | A counterpoint paper: Comments on the electrocardiographic part of the 2018 Fourth Universal Definition of Myocardial Infarction. Journal of Electrocardiology, 2020, 60, 142-147. | 0.9 | 12 |
| 43 | Left ventricular ejection fraction adds value over the GRACE score in prediction of 6-month mortality after ACS: the MADDEC study. Open Heart, 2019, 6, e001007. | 2.3 | 12 |
| 44 | Electrocardiographic recognition of right ventricular hypertrophy. Journal of Electrocardiology, 2018, 51, 46-49. | 0.9 | 11 |
| 45 | Left posterior fascicular block, state-of-the-art review: A 2018 update. Indian Pacing and Electrophysiology Journal, 2018, 18, 217-230. | 0.6 | 11 |
| 46 | Epsilon wave: A review of historical aspects. Indian Pacing and Electrophysiology Journal, 2019, 19, 63-67. | 0.6 | 11 |
| 47 | The tetrafascicular nature of the intraventricular conduction system. Clinical Cardiology, 2019, 42, 169-174. | 1.8 | 11 |
| 48 | Association of Factor V Leiden With Subsequent Atherothrombotic Events. Circulation, 2020, 142, 546-555. | 1.6 | 11 |
| 49 | Transient left septal fascicular block in the setting of acute coronary syndrome associated with giant slurring variant Jâ€wave. Annals of Noninvasive Electrocardiology, 2018, 23, e12536. | 1.1 | 10 |
| 50 | Comparison of the prognostic role of Q waves and inverted T waves in the presenting ECG of STEMI patients. Annals of Noninvasive Electrocardiology, 2019, 24, e12585. | 1.1 | 10 |
| 51 | The prevalence and prognostic significance of interatrial block in the general population. Annals of Medicine, 2020, 52, 63-73. | 3.8 | 10 |
| 52 | 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 |
| 53 | 18F-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. Journal of Nuclear Cardiology, 2019, 26, 394-400. | 2.1 | 9 |
| 54 | Different ECG patterns of left main coronary artery occlusion signifying varying degrees of ischemic severity. Journal of Electrocardiology, 2020, 60, 12-14. | 0.9 | 9 |

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|---|---|---|---|
| 55 | Longâ€term outcome of intraventricular conduction delays in the general population. Annals of Noninvasive Electrocardiology, 2021, 26, e12788. | 1.1 | 9 |
| 56 | Poor long-term outcome in acute coronary syndrome in a real-life setting: Ten-year outcome of the TACOS study. Cardiology Journal, 2021, 28, 302-311. | 1.2 | 9 |
| 57 | GRINL1A Complex Transcription Unit Containing GCOM1, MYZAP, and POLR2M Genes Associates with Fully Penetrant Recessive Dilated Cardiomyopathy. Frontiers in Genetics, 2021, 12, 786705. | 2.3 | 9 |
| 58 | PR depression with multiâ€lead ST elevation and ST depression in aVR: Is it always acute pericarditis?. Journal of Electrocardiology, 2019, 54, 13-17. | 0.9 | 8 |
| 59 | Transient left septal fascicular block and left anterior fascicular block as a consequence of proximal subocclusion of the left anterior descending coronary artery. Annals of Noninvasive Electrocardiology, 2019, 24, e12546. | 1.1 | 8 |
| 60 | 18-FDG-PET in a patient cohort suspected for cardiac sarcoidosis: Right ventricular uptake is associated with pathological uptake in mediastinal lymph nodes. Journal of Nuclear Cardiology, 2020, 27, 109-117. | 2.1 | 8 |
| 61 | Conduction Disorders in the Setting of Acute STEMI. Current Cardiology Reviews, 2021, 17, 41-49. | 1.5 | 8 |
| 62 | Associations between ECG changes and echocardiographic findings in patients with acute non-ST elevation myocardial infarction. Journal of Electrocardiology, 2018, 51, 188-194. | 0.9 | 7 |
| 63 | Current aspects of the basic concepts of the electrophysiology of the sinoatrial node. Journal of Electrocardiology, 2019, 57, 112-118. | 0.9 | 7 |
| 64 | Reâ€evaluating the electroâ€vectorcardiographic criteria for left bundle branch block. Annals of Noninvasive Electrocardiology, 2019, 24, e12644. | 1.1 | 7 |
| 65 | Upsloping ST depression: Is it acute ischemia?. Annals of Noninvasive Electrocardiology, 2019, 24, e12607. | 1.1 | 7 |
| 66 | Genetic Variants on Chromosome 1p13.3 Are Associated with Non-ST Elevation Myocardial Infarction and the Expression of DRAM2 in the Finnish Population. PLoS ONE, 2015, 10, e0140576. | 2.5 | 6 |
| 67 | Novel ECG parameters are strongly associated with inflammatory 18 F-FDG PET findings in patients with suspected cardiac sarcoidosis. International Journal of Cardiology, 2017, 249, 454-460. | 1.7 | 6 |
| 68 | Electroâ€vectorcardiographic and electrophysiological aspects of Ebstein's anomaly. Annals of Noninvasive Electrocardiology, 2019, 24, e12590. | 1.1 | 6 |
| 69 | Acute inferior myocardial infarction with right ventricular involvement and several clinicalâ€electrocardiographic markers of poor prognosis. Annals of Noninvasive Electrocardiology, 2019, 24, e12592. | 1.1 | 6 |
| 70 | Transient left anterior and septal fascicular blocks after selfâ€expandable percutaneous transcatheter aortic valve implantation. Annals of Noninvasive Electrocardiology, 2019, 24, e12553. | 1.1 | 6 |
| 71 | Cardiorespiratory fitness and heart rate recovery predict sudden cardiac death independent of ejection fraction. Heart, 2020, 106, 434-440. | 2.9 | 6 |
| 72 | The electrocardiographic â€˜triangular QRS-ST-T waveformâ€™ pattern: a marker of severe haemodynamic compromise in Takotsubo syndromeâ€”a case report. European Heart Journal - Case Reports, 2020, 4, 1-6. | 0.6 | 6 |

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|---|---|---|---|
| 73 | The Vectorcardiogram and the Main Dromotropic Disturbances. Current Cardiology Reviews, 2021, 17, 50-59. | 1.5 | 6 |
| 74 | Electrocardiographic risk stratification of asymptomatic population without cardiovascular disease: Should we add the QRS-T angle?. Journal of Electrocardiology, 2017, 50, 543-544. | 0.9 | 5 |
| 75 | Acute coronary syndrome of very unusual etiology. Annals of Noninvasive Electrocardiology, 2018, 23, e12531. | 1.1 | 5 |
| 76 | 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. Annals of Noninvasive Electrocardiology, 2020, 25, e12786. | 1.1 | 5 |
| 77 | What Should Be Done With the Asymptomatic Patient With Right Bundle Branch Block?. Journal of the American Heart Association, 2020, 9, e018987. | 3.7 | 5 |
| 78 | PR depression with multilead ST elevation and ST depression in aVR by left circumflex artery occlusion: How to differentiate from acute pericarditis. Annals of Noninvasive Electrocardiology, 2020, 25, e12752. | 1.1 | 5 |
| 79 | About QRS prolongation, distortion and the acuteness score. Journal of Electrocardiology, 2016, 49, 265-271. | 0.9 | 4 |
| 80 | Electrocardiogram changes and atrial arrhythmias in individuals carrying sodium channel SCN5A D1275N mutation. Annals of Medicine, 2017, 49, 496-503. | 3.8 | 4 |
| 81 | Outcome of all-comers with STEMI based on the grade of ischemia in the presenting ECG. Journal of Electrocardiology, 2018, 51, 598-606. | 0.9 | 4 |
| 82 | Predicting the outcome of acute pulmonary embolism by dynamic changes of the QRS complex in lead V1. Journal of Electrocardiology, 2019, 55, 144-151. | 0.9 | 4 |
| 83 | Transient left septal fascicular block in a patient with stable effort angina and critical proximal obstruction of left anterior descending coronary artery. Journal of Electrocardiology, 2019, 52, 79-81. | 0.9 | 4 |
| 84 | Electrocardiographic â€œNorthwest QRSÂAxisâ€•in the Brugada Syndrome. JACC: Case Reports, 2020, 2, 2230-2234. | 0.6 | 4 |
| 85 | 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). Journal of Electrocardiology, 2021, 68, 65-71. | 0.9 | 4 |
| 86 | Radiotherapy-induced Early ECG Changes and Their Comparison with Echocardiography in Patients with Early-stage Breast Cancer. Anticancer Research, 2018, 38, 2207-2215. | 1.1 | 4 |
| 87 | The Role of ECG in the Diagnosis and Risk Stratification of Acute Coronary Syndromes: an Old but Indispensable Tool. Current Cardiology Reports, 2022, 24, 109-118. | 2.9 | 4 |
| 88 | Early ischemic ST-segment and T-wave changes during balloon angioplasty. Journal of Electrocardiology, 2022, 73, 87-95. | 0.9 | 4 |
| 89 | Electrocardiographic findings during balloon angioplasty of the left circumflex coronary artery â€“ influence of location of the ischemic segments with respect to the obtuse margin of the left ventricle. Journal of Electrocardiology, 2017, 50, 102-110. | 0.9 | 3 |
| 90 | Novel electrocardiographic features in carriers of hypertrophic cardiomyopathy causing sarcomeric mutations. Journal of Electrocardiology, 2018, 51, 983-989. | 0.9 | 3 |

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|---|---|---|---|
| 91 | Transient prominent anterior QRS forces in the setting ST segment elevation coronary syndrome: Left septal fascicular block. Journal of Electrocardiology, 2018, 51, 798-800. | 0.9 | 3 |
| 92 | Electro-vectorcardiographic demonstration of bifascicular block associated with ventricular preexcitation. , 2019, 24, e12550. | | 3 |
| 93 | Transient highâ€degree right bundle branch block masking the type 1 Brugada ECG pattern associated with possible transient early repolarization syndrome. Annals of Noninvasive Electrocardiology, 2020, 25, e12673. | 1.1 | 3 |
| 94 | Long-term prognostic significance of the ST level and ST slope in the 12â€lead ECG in the general population. Journal of Electrocardiology, 2020, 58, 176-183. | 0.9 | 3 |
| 95 | Relation of intraventricular conduction delay to risk of new-onset heart failure and structural heart disease in the general population. IJC Heart and Vasculature, 2020, 31, 100639. | 1.1 | 3 |
| 96 | 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). International Journal of Cardiology, 2020, 319, 40-45. | 1.7 | 3 |
| 97 | Electrocardiographic and Echocardiographic Abnormalities in Patients with Risk Factors for Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2021, 13, 211-219. | 1.7 | 3 |
| 98 | Is RBBB the new LBBB? Are we going to repeat the same mistakes?. Journal of Electrocardiology, 2021, 65, 34-36. | 0.9 | 3 |
| 99 | Timing of pacemaker and ICD implantation in LMNA mutation carriers. Open Heart, 2021, 8, e001622. | 2.3 | 3 |
| 100 | Electrocardiographic changes before and after successful kidney transplantation and associations with cardiovascular and mortality outcomes. Clinical Transplantation, 2018, 32, e13242. | 1.6 | 2 |
| 101 | Electroâ€vectorcardiographic demonstration of rateâ€independent transient left posterior fascicular block. Annals of Noninvasive Electrocardiology, 2019, 24, e12600. | 1.1 | 2 |
| 102 | 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. Journal of Electrocardiology, 2021, 65, 45-49. | 0.9 | 2 |
| 103 | A patient with non-ST-segment elevation acute coronary syndrome: Is it possible to predict the culprit coronary artery?. Journal of Electrocardiology, 2016, 49, 614-619. | 0.9 | 1 |
| 104 | Prehospital Adenosine Diphosphate Receptor Blocker Use, Culprit Artery Flow, and Mortality in STEMI: The MADDEC Study. Clinical Drug Investigation, 2021, 41, 605-613. | 2.2 | 1 |
| 105 | The Association of Atrial Fibrillation before Percutaneous Coronary Intervention with 1-Year Outcome in ST-elevation Myocardial Infarction patients. CJC Open, 2021, 3, 1221-1229. | 1.5 | 1 |
| 106 | Transient ascending STâ€segment depression and widening of the S wave in 3â€channel Holter monitoringâ€"A sign of dromotropic disturbance in the right ventricular outflow tract in the Brugada syndrome: A report of five cases. Annals of Noninvasive Electrocardiology, 2022, 27, e12917. | 1.1 | 1 |
| 107 | Interatrial block and P terminal force in the general population â€“ Longitudinal changes, risk factors and prognosis. Journal of Electrocardiology, 2022, 73, 12-20. | 0.9 | 1 |
| 108 | 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 |

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|---|---|---|---|
| 109 | Antonio BayÃ©s de Luna â€" the man behind the BaMa ECG Symposia. Journal of Electrocardiology, 2014, 47, 745-747. | 0.9 | 0 |
| 110 | Relevance of the vectorcardiogram in the Brugada syndrome with â€œnorthwest QRS axisâ€• Journal of Electrocardiology, 2021, 66, 125-128. | 0.9 | 0 |
| 111 | Reply to letter to the editor. Journal of Electrocardiology, 2021, 67, 50-51. | 0.9 | 0 |
| 112 | Extensive Anterior Myocardial Infarction ... and Something Else?. Arquivos Brasileiros De Cardiologia, 2019, 112, 803-806. | 0.8 | 0 |
| 113 | Prevalence and long-term prognostic implications of prolonged QRS duration in left ventricular hypertrophy: a population-based observational cohort study. BMJ Open, 2022, 12, e053477. | 1.9 | 0 |
| 114 | A Higher Mean Heart Radiation Dose Induces Higher Frequency of Multiple Cardiac Changes. Anticancer Research, 2022, 42, 2519-2529. | 1.1 | 0 |