

Julia Ramirez

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

871
citations

758635

12
h-index

580395

25
g-index

55
all docs

55
docs citations

55
times ranked

1341
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Coronary Artery Disease and Major Adverse Cardiovascular Events Using Clinical and Genetic Risk Scores for Cardiovascular Risk Factors. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, .	1.6	1
2	Characterization of T Wave Amplitude, Duration and Morphology Changes During Hemodialysis: Relationship With Serum Electrolyte Levels and Heart Rate. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2467-2478.	2.5	8
3	A Method to Minimise the Impact of ECG Marker Inaccuracies on the Spatial QRS-T angle: Evaluation on 1,512 Manually Annotated ECGs. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102305.	3.5	6
4	Analysing electrocardiographic traits and predicting cardiac risk in UK biobank. <i>JRSM Cardiovascular Disease</i> , 2021, 10, 204800402110236.	0.4	2
5	No Clinically Relevant Effect of Heart Rate Increase and Heart Rate Recovery During Exercise on Cardiovascular Disease: A Mendelian Randomization Analysis. <i>Frontiers in Genetics</i> , 2021, 12, 569323.	1.1	15
6	Monitoring blood potassium concentration in hemodialysis patients by quantifying T-wave morphology dynamics. <i>Scientific Reports</i> , 2021, 11, 3883.	1.6	11
7	Nonlinear T-Wave Time Warping-Based Sensing Model for Non-Invasive Personalised Blood Potassium Monitoring in Hemodialysis Patients: A Pilot Study. <i>Sensors</i> , 2021, 21, 2710.	2.1	2
8	A Novel Two-Stage Heart Arrhythmia Ensemble Classifier. <i>Computers</i> , 2021, 10, 60.	2.1	7
9	85â€¦Prognostic value of premature ventricular complexes during exercise stress testing in 56,000 individuals without known structural heart disease from UK biobank: is a single ectopic prognostic?. , 2021, , .		0
10	BS8â€¦Genetically-determined serum calcium levels influence markers of ventricular repolarisation: a mendelian randomisation study. , 2021, , .		0
11	Genetically Determined Serum Calcium Levels and Markers of Ventricular Repolarization: A Mendelian Randomization Study in the UK Biobank. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003231.	1.6	11
12	Eâ€¦Abnormal resting ECG t-wave morphology predicts ventricular arrhythmic risk in a large â€œlow-riskâ€• cohort. , 2021, , .		0
13	ECG-based monitoring of blood potassium concentration: Periodic versus principal component as lead transformation for biomarker robustness. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102719.	3.5	7
14	Genomic and pleiotropic analyses of resting QT interval identifies novel loci and overlap with atrial electrical disorders. <i>Human Molecular Genetics</i> , 2021, 30, 2513-2523.	1.4	5
15	The British Cardiovascular Society Young Investigator Award 2021. <i>Heart</i> , 2021, 107, 1844-1845.	1.2	0
16	Weighted Time Warping T-Wave Analysis Robust to Delineation Errors: Clinical Implications. , 2021, , .		0
17	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
18	The effects of polygenic risk for psychiatric disorders and smoking behaviour on psychotic experiences in UK Biobank. <i>Translational Psychiatry</i> , 2020, 10, 330.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 387-395.	1.6	16
20	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.	5.8	59
21	Genetic Basis and Prognostic Value of Exercise QT Dynamics. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002774.	1.6	12
22	Common Genetic Variants Modulate the Electrocardiographic Tpeak-to-Tend Interval. <i>American Journal of Human Genetics</i> , 2020, 106, 764-778.	2.6	14
23	Ventricular Restitution Predicts Paroxysmal Atrial Fibrillation in Horses. <i>Function</i> , 2020, 2, zqaa038.	1.1	2
24	Data Augmentation for Heart Arrhythmia Classification. , 2020, , .		3
25	Resting Heart Rate and Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2175-2177.	1.2	4
26	Cardiovascular Predictive Value and Genetic Basis of Ventricular Repolarization Dynamics. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007549.	2.1	13
27	Genome-wide association study identifies loci for arterial stiffness index in 127,121 UK Biobank participants. <i>Scientific Reports</i> , 2019, 9, 9143.	1.6	28
28	Cardiac repolarization during exercise reveals independent prognostic information for cardiovascular risk prediction. , 2019, , .		0
29	The cardiovascular predictive value and genetic basis of T-wave morphology. , 2019, , .		0
30	3.2 First Genome-Wide Association Study of Cardiovascular Magnetic Resonance Derived Aortic Distensibility Reveals 7 Loci. <i>Artery Research</i> , 2019, 25, S21-S22.	0.3	1
31	T-Wave Morphology Restitution in Chronic Heart Failure Patients With Atrial Fibrillation. , 2018, , .		0
32	Thirty loci identified for heart rate response to exercise and recovery implicate autonomic nervous system. <i>Nature Communications</i> , 2018, 9, 1947.	5.8	70
33	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018, 19, 87.	3.8	47
34	Quantification of T-wave Morphological Variability Using Time-warping Methods. <i>IFMBE Proceedings</i> , 2018, , 478-481.	0.2	1
35	Variability of Ventricular Repolarization Dispersion Quantified by Time-Warping the Morphology of the T-Waves. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1619-1630.	2.5	44
36	T-Wave Morphology Restitution Predicts Sudden Cardiac Death in Patients With Chronic Heart Failure. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	32

#	ARTICLE	IF	CITATIONS
37	T-wave Morphology Restitution Dependency with Heart Rate Range and Its Association with Sudden Cardiac Death in Chronic Heart Failure. , 2017, , .		0
38	Comparison of ECG T-wave Duration and Morphology Restitution Markers for Sudden Cardiac Death Prediction in Chronic Heart Failure. , 2017, , .		1
39	Sudden cardiac death and pump failure death prediction in chronic heart failure by combining ECG and clinical markers in an integrated risk model. PLoS ONE, 2017, 12, e0186152.	1.1	38
40	Automatic SVM classification of sudden cardiac death and pump failure death from autonomic and repolarization ECG markers. Journal of Electrocardiology, 2015, 48, 551-557.	0.4	32
41	QT/RR and T-peak-to-end/RR curvatures and slopes in chronic heart failure: Relation to sudden cardiac death. Journal of Electrocardiology, 2014, 47, 842-848.	0.4	13
42	Potassium Monitoring from Multilead T-wave Morphology Changes during Hemodialysis: Periodic versus Principal Component Analysis. , 0, , .		2
43	An Index for T:wave Pointwise Amplitude Variability Quantification. , 0, , .		2
44	Postextrasystolic T Wave Change to Stratify Risk of Pump Failure Death in Patients with Chronic Heart Failure. , 0, , .		0
45	Assessing a Warping Methodology for the Identification of Increased Cardiovascular Risk Based on the HR Profile Morphology. , 0, , .		0
46	Genetic Architecture of Quantitative Cardiovascular Traits: Blood Pressure, ECG and Imaging Phenotypes. , 0, , .		1
47	Will Genetic Data Significantly Change Cardiovascular Risk Prediction in Daily Practice?. , 0, , .		0
48	Sex Differences in the Morphology of RR-Matched T-waves. , 0, , .		0
49	Evaluating the Impact of Physiological Variability in Genome-Wide Association Studies of Resting Heart Rate. , 0, , .		0
50	Interaction Between ECG and Genetic Markers of Coronary Artery Disease. , 0, , .		0