

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	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
2	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
3	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.	5.8	59
4	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018, 19, 87.	3.8	47
5	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
6	Sudden cardiac death and pump failure death prediction in chronic heart failure by combining ECG and clinical markers in an integrated risk model. <i>PLoS ONE</i> , 2017, 12, e0186152.	1.1	38
7	Automatic SVM classification of sudden cardiac death and pump failure death from autonomic and repolarization ECG markers. <i>Journal of Electrocardiology</i> , 2015, 48, 551-557.	0.4	32
8	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
9	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
10	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
11	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
12	Common Genetic Variants Modulate the Electrocardiographic Tpeak-to-Tend Interval. <i>American Journal of Human Genetics</i> , 2020, 106, 764-778.	2.6	14
13	QT/RR and T-peak-to-end/RR curvatures and slopes in chronic heart failure: Relation to sudden cardiac death. <i>Journal of Electrocardiology</i> , 2014, 47, 842-848.	0.4	13
14	Cardiovascular Predictive Value and Genetic Basis of Ventricular Repolarization Dynamics. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007549.	2.1	13
15	Genetic Basis and Prognostic Value of Exercise QT Dynamics. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002774.	1.6	12
16	Monitoring blood potassium concentration in hemodialysis patients by quantifying T-wave morphology dynamics. <i>Scientific Reports</i> , 2021, 11, 3883.	1.6	11
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	A Novel Two-Stage Heart Arrhythmia Ensemble Classifier. <i>Computers</i> , 2021, 10, 60.	2.1	7
20	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
21	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
22	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
23	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
24	Resting Heart Rate and Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2175-2177.	1.2	4
25	Data Augmentation for Heart Arrhythmia Classification. , 2020, , .		3
26	Analysing electrocardiographic traits and predicting cardiac risk in UK biobank. <i>JRSM Cardiovascular Disease</i> , 2021, 10, 204800402110236.	0.4	2
27	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
28	Ventricular Restitution Predicts Paroxysmal Atrial Fibrillation in Horses. <i>Function</i> , 2020, 2, zqaa038.	1.1	2
29	Potassium Monitoring from Multilead T-wave Morphology Changes during Hemodialysis: Periodic versus Principal Component Analysis. , 0, , .		2
30	An Index for T:wave Pointwise Amplitude Variability Quantification. , 0, , .		2
31	Comparison of ECG T-wave Duration and Morphology Restitution Markers for Sudden Cardiac Death Prediction in Chronic Heart Failure. , 2017, , .		1
32	Quantification of T-wave Morphological Variability Using Time-warping Methods. <i>IFMBE Proceedings</i> , 2018, , 478-481.	0.2	1
33	Genetic Architecture of Quantitative Cardiovascular Traits: Blood Pressure, ECG and Imaging Phenotypes. , 0, , .		1
34	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
35	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
36	T-wave Morphology Restitution Dependency with Heart Rate Range and Its Association with Sudden Cardiac Death in Chronic Heart Failure. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	T-Wave Morphology Restitution in Chronic Heart Failure Patients With Atrial Fibrillation. , 2018, , .		0
38	22â€¦Cardiac repolarization during exercise reveals independent prognostic information for cardiovascular risk prediction. , 2019, , .		0
39	21â€¦The cardiovascular predictive value and genetic basis of T-wave morphology. , 2019, , .		0
40	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
41	BS8â€¦Genetically-determined serum calcium levels influence markers of ventricular repolarisation: a mendelian randomisation study. , 2021, , .		0
42	Eâ€¦Abnormal resting ECG t-wave morphology predicts ventricular arrhythmic risk in a large â€œlow-riskâ€• cohort. , 2021, , .		0
43	The British Cardiovascular Society Young Investigator Award 2021. Heart, 2021, 107, 1844-1845.	1.2	0
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	Will Genetic Data Significantly Change Cardiovascular Risk Prediction in Daily Practice?. , 0, , .		0
47	Sex Differences in the Morphology of RR-Matched T-waves. , 0, , .		0
48	Evaluating the Impact of Physiological Variability in Genome-Wide Association Studies of Resting Heart Rate. , 0, , .		0
49	Interaction Between ECG and Genetic Markers of Coronary Artery Disease. , 0, , .		0
50	Weighted Time Warping T-Wave Analysis Robust to Delineation Errors: Clinical Implications. , 2021, , .		0