

Jose Vicente

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,992
citations

361413

20
h-index

254184

43
g-index

49
all docs

49
docs citations

49
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	hERG block potencies for 5 positive control drugs obtained per ICH E14/S7B Q&As best practices: Impact of recording temperature and drug loss. <i>Journal of Pharmacological and Toxicological Methods</i> , 2022, 117, 107193.	0.7	5
2	Novel High-Throughput Quantitation of Potent hERG Blocker Dofetilide in Human Plasma by Liquid Chromatography Tandem Mass Spectrometry: Application in a Phase 1 ECG Biomarker Validation Study. <i>Journal of Analytical Toxicology</i> , 2020, 44, 180-187.	2.8	3
3	Sex differences in drug-induced QT prolongation. , 2020, , 799-806.		0
4	Detection of T Wave Peak for Serial Comparisons of JTp Interval. <i>Frontiers in Physiology</i> , 2019, 10, 934.	2.8	12
5	Errors of Fixed QT Heart Rate Corrections Used in the Assessment of Drug-Induced QTc Changes. <i>Frontiers in Physiology</i> , 2019, 10, 635.	2.8	18
6	Clinical Trial in a Dish: Personalized Stem Cellâ€‘Derived Cardiomyocyte Assay Compared With Clinical Trial Results for Two <sc>QT</sc>â€™Prolonging Drugs. <i>Clinical and Translational Science</i> , 2019, 12, 687-697.	3.1	42
7	Heart Rate Correction of the J-to-Tpeak Interval. <i>Scientific Reports</i> , 2019, 9, 15060.	3.3	10
8	The Potential Role of the Jâ€™T peak Interval in Proarrhythmic Cardiac Safety: Current State of the Science From the American College of Clinical Pharmacology and the Cardiac Safety Research Consortium. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 909-914.	2.0	13
9	Assessment of Multiâ€™ion Channel Block in a Phase I Randomized Study Design: Results of the Ci<sc>PA</sc> Phase I <sc>ECG</sc> Biomarker Validation Study. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 943-953.	4.7	66
10	Implications of Individual QT/RR Profilesâ€™Part 2: Zero QTc/RR Correlations Do Not Prove QTc Correction Accuracy in Studies of QTc Changes. <i>Drug Safety</i> , 2019, 42, 415-426.	3.2	5
11	Implications of Individual QT/RR Profilesâ€™Part 1: Inaccuracies and Problems of Population-Specific QT/Heart Rate Corrections. <i>Drug Safety</i> , 2019, 42, 401-414.	3.2	14
12	Mechanistic Modelâ€™informed Proarrhythmic Risk Assessment of Drugs: Review of the â€™CiPAâ€™ Initiative and Design of a Prospective Clinical Validation Study. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 54-66.	4.7	106
13	Comparative analysis of media effects on human induced pluripotent stem cell-derived cardiomyocytes in proarrhythmia risk assessment. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 90, 39-47.	0.7	25
14	The 43rd International Society for Computerized Electrocardiology ECG initiative for the automated detection of strict left bundle branch block. <i>Journal of Electrocardiology</i> , 2018, 51, S25-S30.	0.9	4
15	Importance of QT/RR hysteresis correction in studies of drug-induced QTc interval changes. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2018, 45, 491-503.	1.8	15
16	Update on the ECG component of the CiPA initiative. <i>Journal of Electrocardiology</i> , 2018, 51, S98-S102.	0.9	5
17	A novel ECG detector performance metric and its relationship with missing and false heart rate limit alarms. <i>Journal of Electrocardiology</i> , 2018, 51, 68-73.	0.9	3
18	Common Genetic Variant Risk Score Is Associated With Drug-Induced QT Prolongation and Torsade de Pointes Risk. <i>Circulation</i> , 2017, 135, 1300-1310.	1.6	96

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19	Heart rate dependency of JT interval sections. Journal of Electrocardiology, 2017, 50, 814-824.	0.9	25
20	Electrocardiographic biomarkers to confirm drug's electrophysiological effects used for proarrhythmic risk prediction under CiPA. Journal of Electrocardiology, 2017, 50, 808-813.	0.9	14
21	An evaluation of multiple algorithms for the measurement of the heart rate corrected JTpeak interval. Journal of Electrocardiology, 2017, 50, 769-775.	0.9	12
22	Comprehensive Translational Assessment of Human-Induced Pluripotent Stem Cell Derived Cardiomyocytes for Evaluating Drug-Induced Arrhythmias. Toxicological Sciences, 2017, 155, 234-247.	3.1	213
23	Automated Algorithm for J-Tpeak and Tpeak-Tend Assessment of Drug-Induced Proarrhythmia Risk. PLoS ONE, 2016, 11, e0166925.	2.5	31
24	Late sodium current block for drug-induced long QT syndrome: Results from a prospective clinical trial. Clinical Pharmacology and Therapeutics, 2016, 99, 214-223.	4.7	120
25	Assessing ECG signal quality indices to discriminate ECGs with artefacts from pathologically different arrhythmic ECGs. Physiological Measurement, 2016, 37, 1370-1382.	2.1	25
26	An evaluation of 30 clinical drugs against the comprehensive in vitro proarrhythmia assay (CiPA) proposed ion channel panel. Journal of Pharmacological and Toxicological Methods, 2016, 81, 251-262.	0.7	227
27	Evolving regulatory paradigm for proarrhythmic risk assessment for new drugs. Journal of Electrocardiology, 2016, 49, 837-842.	0.9	24
28	Drowsiness detection using heart rate variability. Medical and Biological Engineering and Computing, 2016, 54, 927-937.	2.8	191
29	Electrocardiographic Biomarkers for Detection of Drug-Induced Late Sodium Current Block. PLoS ONE, 2016, 11, e0163619.	2.5	33
30	Sex differences in drug-induced changes in ventricular repolarization. Journal of Electrocardiology, 2015, 48, 1081-1087.	0.9	8
31	Heartbeat fusion algorithm to reduce false alarms for arrhythmias. , 2015, , .		6
32	Computer simulations to investigate the causes of T-wave notching. Journal of Electrocardiology, 2015, 48, 927-932.	0.9	2
33	Comprehensive T wave Morphology Assessment in a Randomized Clinical Study of Dofetilide, Quinidine, Ranolazine, and Verapamil. Journal of the American Heart Association, 2015, 4, .	3.7	115
34	Robust algorithm to locate heart beats from multiple physiological waveforms by individual signal detector voting. Physiological Measurement, 2015, 36, 1705-1716.	2.1	16
35	Investigation of potential mechanisms of sex differences in quinidine-induced torsade de pointes risk. Journal of Electrocardiology, 2015, 48, 533-538.	0.9	11
36	Mechanisms of sex and age differences in ventricular repolarization in humans. American Heart Journal, 2014, 168, 749-756.e3.	2.7	61

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37	Differentiating Drug-Induced Multichannel Block on the Electrocardiogram: Randomized Study of Dofetilide, Quinidine, Ranolazine, and Verapamil. <i>Clinical Pharmacology and Therapeutics</i> , 2014, 96, 549-558.	4.7	213
38	Improving the Assessment of Heart Toxicity for All New Drugs Through Translational Regulatory Science. <i>Clinical Pharmacology and Therapeutics</i> , 2014, 95, 501-508.	4.7	80
39	TDR-LAB 2.0 Improved TDR Software for Soil Water Content and Electrical Conductivity Measurements. <i>Procedia Environmental Sciences</i> , 2013, 19, 474-483.	1.4	14
40	A new TDR probe for measurements of soil solution electrical conductivity. <i>Journal of Hydrology</i> , 2012, 448-449, 73-79.	5.4	11
41	An automated disc infiltrometer for infiltration rate measurements using a microflowmeter. <i>Hydrological Processes</i> , 2012, 26, 240-245.	2.6	5
42	TDR pressure cell for monitoring water content retention and bulk electrical conductivity curves in undisturbed soil samples. <i>Hydrological Processes</i> , 2012, 26, 246-254.	2.6	20
43	Assessing Effect of Beat Detector on Detection Dependent Signal Quality Indices. , 0, , .		0