

# Pedro J Caraballo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

942  
citations

15  
h-index

30  
g-index

50  
ext. papers

1,206  
ext. citations

4.3  
avg, IF

3.97  
L-index

#	Paper	IF	Citations
47	Establishing an interdisciplinary research team for cardio-oncology artificial intelligence informatics precision and health equity.. <i>American Heart Journal Plus</i> , <b>2022</b> , 13, 100094-100094		0
46	A novel method for causal structure discovery from EHR data and its application to type-2 diabetes mellitus. <i>Scientific Reports</i> , <b>2021</b> , 11, 21025	4.9	0
45	Pharmacogenomics education and perceptions: is there a gap between internal medicine resident and attending physicians?. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 195-201	2.6	0
44	Preferences for Updates on General Research Results: A Survey of Participants in Genomic Research from Two Institutions. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	2
43	Genomic considerations for FHIR ; eMERGE implementation lessons. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 118, 103795	10.2	5
42	A Computational Method for Learning Disease Trajectories From Partially Observable EHR Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 2476-2486	7.2	1
41	Association of BMI, comorbidities and all-cause mortality by using a baseline mortality risk model. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253696	3.7	0
40	Pharmacogenomics testing in patients with liver transplant and potential impact on prospective management. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 1177-1183	2.6	1
39	Deploying Clinical Decision Support for Familial Hypercholesterolemia. <i>ACI Open</i> , <b>2020</b> , 04, e157-e161	0.8	1
38	Predicting diabetes clinical outcomes using longitudinal risk factor trajectories. <i>BMC Medical Informatics and Decision Making</i> , <b>2020</b> , 20, 6	3.6	5
37	Challenges in returning results in a genomic medicine implementation study: the Return of Actionable Variants Empirical (RAVE) study. <i>Npj Genomic Medicine</i> , <b>2020</b> , 5, 19	6.2	2
36	An Implementation Science Framework to Develop a Clinical Decision Support Tool for Familial Hypercholesterolemia. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	3
35	Development and Validation of a Risk Stratification Model Using Disease Severity Hierarchy for Mortality or Major Cardiovascular Event. <i>JAMA Network Open</i> , <b>2020</b> , 3, e208270	10.4	3
34	Integrating pharmacogenomics into the electronic health record by implementing genomic indicators. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2020</b> , 27, 154-158	8.6	10
33	Cohort Profile: The Right Drug, Right Dose, Right Time: Using Genomic Data to Individualize Treatment Protocol (RIGHT Protocol). <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 23-24k	7.8	19
32	Pharmacogenomic clinical decision support design and multi-site process outcomes analysis in the eMERGE Network. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2019</b> , 26, 143-148	8.6	12
31	Towards more Accessible Precision Medicine: Building a more Transferable Machine Learning Model to Support Prognostic Decisions for Micro- and Macrovascular Complications of Type 2 Diabetes Mellitus. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 185	5.1	11

30	CLINICAL RECOGNITION AND MANAGEMENT OF PATIENTS WITH PREDIABETES. <i>Endocrine Practice</i> , <b>2019</b> , 25, 545-553	3.2	1
29	Evaluating the Impact of Data Representation on EHR-Based Analytic Tasks. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 288-292	0.5	3
28	Frequent Causal Pattern Mining: A Computationally Efficient Framework For Estimating Bias-Corrected Effects <b>2019</b> , 2019, 1981-1990		0
27	Concepts Driving Pharmacogenomics Implementation Into Everyday Healthcare. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2019</b> , 12, 305-318	2.1	5
26	Empowering genomic medicine by establishing critical sequencing result data flows: the eMERGE example. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2018</b> , 25, 1375-1381	8.6	14
25	Evaluation of prescriber responses to pharmacogenomics clinical decision support for thiopurine-methyltransferase testing. <i>American Journal of Health-System Pharmacy</i> , <b>2018</b> , 75, 191-198	2.2	4
24	Prevalence and Outcome of High-Risk QT Prolongation Recorded in the Emergency Department from an Institution-Wide QT Alert System. <i>Journal of Emergency Medicine</i> , <b>2018</b> , 54, 8-15	1.5	14
23	The Return of Actionable Variants Empirical (RAVE) Study, a Mayo Clinic Genomic Medicine Implementation Study: Design and Initial Results. <i>Mayo Clinic Proceedings</i> , <b>2018</b> , 93, 1600-1610	6.4	20
22	A Clinical Decision Support Tool for Familial Hypercholesterolemia Based on Physician Input. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , <b>2018</b> , 2, 103-112	3.1	12
21	Participant-perceived understanding and perspectives on pharmacogenomics: the Mayo Clinic RIGHT protocol (Right Drug, Right Dose, Right Time). <i>Genetics in Medicine</i> , <b>2017</b> , 19, 819-825	8.1	35
20	Automated T-wave analysis can differentiate acquired QT prolongation from congenital long QT syndrome. <i>Annals of Noninvasive Electrocardiology</i> , <b>2017</b> , 22,	1.5	5
19	The challenges of implementing pharmacogenomic testing in the clinic. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , <b>2017</b> , 17, 567-577	2.2	28
18	phenotypes are associated with adverse outcomes related to opioid medications. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2017</b> , 10, 217-227	2.1	19
17	Providers' Response to Clinical Decision Support for QT Prolonging Drugs. <i>Journal of Medical Systems</i> , <b>2017</b> , 41, 161	5.1	12
16	Multidisciplinary model to implement pharmacogenomics at the point of care. <i>Genetics in Medicine</i> , <b>2017</b> , 19, 421-429	8.1	54
15	Estimating Disease Onset Time by Modeling Lab Result Trajectories via Bayes Networks <b>2017</b> , 2017, 374-379	0.6	1
14	Statin Use, Diabetes Incidence and Overall Mortality in Normoglycemic and Impaired Fasting Glucose Patients. <i>Journal of General Internal Medicine</i> , <b>2016</b> , 31, 502-8	4	17
13	Preemptive Pharmacogenomic Testing for Precision Medicine: A Comprehensive Analysis of Five Actionable Pharmacogenomic Genes Using Next-Generation DNA Sequencing and a Customized CYP2D6 Genotyping Cascade. <i>Journal of Molecular Diagnostics</i> , <b>2016</b> , 18, 438-445	5.1	108

12	Type 2 Diabetes Mellitus Trajectories and Associated Risks. <i>Big Data</i> , <b>2016</b> , 4, 25-30	3.1	31
11	Integrating Pharmacogenomics into Clinical Practice: Promise vs Reality. <i>American Journal of Medicine</i> , <b>2016</b> , 129, 1093-1099.e1	2.4	42
10	Impact of clinical decision support preventing the use of QT-prolonging medications for patients at risk for torsade de pointes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2015</b> , 22, e21-7	8.6	30
9	Phenotype of Children with QT Prolongation Identified Using an Institution-Wide QT Alert System. <i>Pediatric Cardiology</i> , <b>2015</b> , 36, 1350-6	2.1	5
8	Evaluation of the use of clinical decision support and online resources for pharmacogenomics education. <i>Pharmacogenomics</i> , <b>2015</b> , 16, 1595-603	2.6	13
7	Frequency and cause of transient QT prolongation after surgery. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 1605-9	3	5
6	Extending Association Rule Summarization Techniques to Assess Risk of Diabetes Mellitus. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2015</b> , 27, 130-141	4.2	29
5	An automated clinical alert system for newly-diagnosed atrial fibrillation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122153	3.7	17
4	Decline in ACEI/ARB Prescribing as Heart Failure Core Metrics Improve During Computer-Based Clinical Decision Support. <i>American Journal of Medical Quality</i> , <b>2014</b> , 29, 300-7	1.1	2
3	Preemptive genotyping for personalized medicine: design of the right drug, right dose, right time-using genomic data to individualize treatment protocol. <i>Mayo Clinic Proceedings</i> , <b>2014</b> , 89, 25-33	6.4	213
2	Institution-wide QT alert system identifies patients with a high risk of mortality. <i>Mayo Clinic Proceedings</i> , <b>2013</b> , 88, 315-25	6.4	111
1	Improving Recognition, Diagnosis, and Management Of Heparin Induced Thrombocytopenia By Implementing a Computer-Based Clinical Decision Support System. <i>Blood</i> , <b>2013</b> , 122, 2966-2966	2.2	1