Isaac Cano

List of Publications by Year
in descending order

47 papers	772 citations	516710 16 h-index	610901 24 g-index
57 all docs	57 docs citations	57 times ranked	1104 citing authors

#	Article	IF	Citations
1	Proposals for enhanced health risk assessment and stratification in an integrated care scenario. BMJ Open, 2016, 6, e010301.	1.9	61
2	Digital Health Transformation of Integrated Care in Europe: Overarching Analysis of 17 Integrated Care Programs. Journal of Medical Internet Research, 2019, 21, e14956.	4.3	52
3	Integrated care services: lessons learned from the deployment of the NEXES project. International Journal of Integrated Care, 2015, 15, e006.	0.2	51
4	Metabolomics: The Stethoscope for the Twenty-First Century. Medical Principles and Practice, 2021, 30, 301-310.	2.4	46
5	An adaptive case management system to support integrated care services: Lessons learned from the NEXES project. Journal of Biomedical Informatics, 2015, 55, 11-22.	4.3	43
6	ChainRank, a chain prioritisation method for contextualisation of biological networks. BMC Bioinformatics, 2016, 17, 17.	2.6	38
7	Perspectives on Big Data applications of health information. Current Opinion in Systems Biology, 2017, 3, 36-42.	2.6	35
8	Chronic Obstructive Pulmonary Disease heterogeneity: challenges for health risk assessment, stratification and management. Journal of Translational Medicine, 2014, 12, S3.	4.4	34
9	Evaluation of integrated care services in Catalonia: population-based and service-based real-life deployment protocols. BMC Health Services Research, 2019, 19, 370.	2.2	31
10	Comprehensive user requirements engineering methodology for secure and interoperable health data exchange. BMC Medical Informatics and Decision Making, 2018, 18, 85.	3.0	27
11	The COPD Knowledge Base: enabling data analysis and computational simulation in translational COPD research. Journal of Translational Medicine, 2014, 12, S6.	4.4	26
12	Importance of mitochondrial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si16.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mtext>P</mml:mtext><mml:mrow><mml:msub><mml:mtext>O</mml:mtext></mml:msub></mml:mrow></mml:msub></mml:mrow></mml:math> in maximal O2 transport and utilization: A theoretical analysis. Respiratory Physiology and Neurobiology, 2013, 189, 477-483.	1.6	25
13	Systems Medicine: from molecular features and models to the clinic in COPD. Journal of Translational Medicine, 2014, 12, S4.	4.4	23
14	Network modules uncover mechanisms of skeletal muscle dysfunction in COPD patients. Journal of Translational Medicine, 2018, 16, 34.	4.4	22
15	Population-based analysis of patients with COPD in Catalonia: a cohort study with implications for clinical management. BMJ Open, 2018, 8, e017283.	1.9	22
16	Biomedical research in a Digital Health Framework. Journal of Translational Medicine, 2014, 12, S10.	4.4	21
17	From comorbidities of chronic obstructive pulmonary disease to identification of shared molecular mechanisms by data integration. BMC Bioinformatics, 2016, 17, 441.	2.6	20
18	Digital Support to Multimodal Community-Based Prehabilitation: Looking for Optimization of Health Value Generation. Frontiers in Oncology, 2021, 11, 662013.	2.8	17

#	Article	IF	Citations
19	Oxygen Pathway Modeling Estimates High Reactive Oxygen Species Production above the Highest Permanent Human Habitation. PLoS ONE, 2014, 9, e111068.	2.5	14
20	Comparing patients' and other stakeholders' preferences for outcomes of integrated care for multimorbidity: a discrete choice experiment in eight European countries. BMJ Open, 2020, 10, e037547.	1.9	13
21	Health Outcomes from Home Hospitalization: Multisource Predictive Modeling. Journal of Medical Internet Research, 2020, 22, e21367.	4.3	13
22	Generation of synthetic data by means of fuzzy c-Regression. , 2009, , .		12
23	Workforce preparation: the Biohealth computing model for Master and PhD students. Journal of Translational Medicine, 2014, 12, S11.	4.4	11
24	Protocol for regional implementation of community-based collaborative management of complex chronic patients. Npj Primary Care Respiratory Medicine, 2017, 27, 44.	2.6	10
25	Risk and temporal order of disease diagnosis of comorbidities in patients with COPD: a population health perspective. BMJ Open Respiratory Research, 2018, 5, e000302.	3.0	10
26	From Systems Understanding to Personalized Medicine: Lessons and Recommendations Based on a Multidisciplinary and Translational Analysis of COPD. Methods in Molecular Biology, 2016, 1386, 283-303.	0.9	10
27	Evaluation of information loss for privacy preserving data mining through comparison of fuzzy partitions. , 2010, , .		9
28	Integrated Care Intervention Supported by a Mobile Health Tool for Patients Using Noninvasive Ventilation at Home: Randomized Controlled Trial. JMIR MHealth and UHealth, 2020, 8, e16395.	3.7	9
29	Simulation environment and graphical visualization environment: a COPD use-case. Journal of Translational Medicine, 2014, 12, S7.	4.4	7
30	Guidelines for Developing Successful Short Advanced Courses in Systems Medicine and Systems Biology. Cell Systems, 2017, 5, 168-175.	6.2	7
31	Paradigm changes for diagnosis: using big data for prediction. Clinical Chemistry and Laboratory Medicine, 2019, 57, 317-327.	2.3	7
32	Reducing non-attendance in outpatient appointments: predictive model development, validation, and clinical assessment. BMC Health Services Research, 2022, 22, 451.	2.2	7
33	Class Imbalance Impact on the Prediction of Complications during Home Hospitalization: A Comparative Study. , 2019, 2019, 3446-3449.		6
34	Protocol for regional implementation of collaborative self-management services to promote physical activity. BMC Health Services Research, 2018, 18, 560.	2.2	5
35	Protocol for regional implementation of collaborative lung function testing. Npj Primary Care Respiratory Medicine, 2016, 26, 16024.	2.6	4
36	Secure Cross-Border Exchange of Health Related Data: The KONFIDO Approach. , 2019, , .		4

#	Article	IF	Citations
37	Integrated Care for Complex Chronic Patients. International Journal of Integrated Care, 2017, 17, 302.	0.2	4
38	Container loading for nonorthogonal objects: an approximation using local search and simulated annealing. Soft Computing, 2010, 14, 537-544.	3.6	3
39	Health risk assessment and stratification in an integrated care scenario. International Journal of Integrated Care, 2016, 16, 322.	0.2	3
40	Container Loading for Nonorthogonal Objects with Stability and Load Bearing Strength Compliance. , 2009, , .		2
41	Risk Prediction as a Service: a DSS Architecture Promoting Interoperability and Collaboration. , 2019, , .		2
42	Population-based analysis of COPD patients in Catalonia: implications for case management. , 2017, , .		2
43	Secure Cross-Border Exchange of Health Related Data: The KONFIDO Approach. Lecture Notes in Computer Science, 2019, , 318-327.	1.3	2
44	Digital Health for Enhanced Understanding and Management of Chronic Conditions: COPD as a Use Case. , 2021, , 256-273.		0
45	Impact of promotion of physical activity supported by mobile technology on behavioral changes. , 2018, , .		0
46	Implementation of digital health tools for scalability of a prehabilitation service. International Journal of Integrated Care, 2019, 19, 195.	0.2	0
47	Use of a Mobile App by Older People in an Integrated Care Setting. Advances in Medical Technologies and Clinical Practice Book Series, 2020, , 291-321.	0.3	0