

# Francisco J Novoa

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

449  
citations

1307594

7  
h-index

996975

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on machine learning approaches and trends in drug discovery. Computational and Structural Biotechnology Journal, 2021, 19, 4538-4558.	4.1	168
2	Early Detection of Depression: Social Network Analysis and Random Forest Techniques. Journal of Medical Internet Research, 2019, 21, e12554.	4.3	118
3	Ontologies of Drug Discovery and Design for Neurology, Cardiology and Oncology. Current Pharmaceutical Design, 2010, 16, 2724-2736.	1.9	42
4	Early detection of cyberbullying on social media networks. Future Generation Computer Systems, 2021, 118, 219-229.	7.5	35
5	Mixing numerical and categorical data in a Self-Organizing Map by means of frequency neurons. Applied Soft Computing Journal, 2015, 36, 246-254.	7.2	19
6	Automatic multiscale vascular image segmentation algorithm for coronary angiography. Biomedical Signal Processing and Control, 2018, 46, 1-9.	5.7	17
7	Early Intrusion Detection for OS Scan Attacks. , 2019, , .		9
8	A Genetic Algorithms-Based Approach for Optimizing Similarity Aggregation in Ontology Matching. Lecture Notes in Computer Science, 2013, , 435-444.	1.3	7
9	PACS. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 87-105.	2.8	5
10	A Practical Application of a Dataset Analysis in an Intrusion Detection System. , 2018, , .		5
11	IoT Dataset Validation Using Machine Learning Techniques for Traffic Anomaly Detection. Electronics (Switzerland), 2021, 10, 2857.	3.1	5
12	AI-based user authentication reinforcement by continuous extraction of behavioral interaction features. Neural Computing and Applications, 2022, 34, 11691-11705.	5.6	4
13	Network Data Unsupervised Clustering to Anomaly Detection. Proceedings (mdpi), 2018, 2, 1173.	0.2	3
14	Network Anomaly Detection Using Machine Learning Techniques. Proceedings (mdpi), 2020, 54, .	0.2	3
15	Development and Implementation of a Secure, Integrated Management System for Medical Images and Electronic Clinical Records for Small Hospitals. Telemedicine Journal and E-Health, 2007, 13, 303-312.	2.8	2
16	Tools for managing network traffic flows: A comparative analysis. , 2017, , .		2
17	Angiographic Images Segmentation Techniques. , 2009, , 110-117.		2
18	Advancing Network Flow Information Using Collaborative Filtering. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2017, 25, 97-112.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Network Data Flow Clustering based on Unsupervised Learning. , 2019, , .		1
20	Extraction of Quantitative Anatomical Information from Coronary Angiographies. Current Bioinformatics, 2011, 6, 233-250.	1.5	1
21	Efficiency in the Transmission of Information Through Digital Imaging and Communications in Medicine Using Security Mechanisms: Tests with DISCUS. Telemedicine Journal and E-Health, 2010, 16, 620-626.	2.8	0
22	Using Collaborative Filtering in a new domain. , 2016, , .		0
23	Time-Aware Detection Systems. Proceedings (mdpi), 2019, 21, .	0.2	0
24	Mouse Behavior Analysis Based on Artificial Intelligence as a Second-Phase Authentication System. Proceedings (mdpi), 2019, 21, 29.	0.2	0
25	<strong>Redesign and performance of an automatic segmentation method</strong>. , 0, , .		0
26	Low Cost Automated Security Audit System. Engineering Proceedings, 2021, 7, .	0.4	0