

Alejandro RodrÃ-guez-GonzÃ;lez

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

699
citations

623574

14
h-index

713332

21
g-index

93
all docs

93
docs citations

93
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	Influenza and Measles-MMR: two case study of the trend and impact of vaccine-related Twitter posts in Spanish during 2015-2018. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-16.	1.4	3
2	Integrating heterogeneous data to facilitate COVID-19 drug repurposing. <i>Drug Discovery Today</i> , 2022, 27, 558-566.	3.2	17
3	Negation and uncertainty detection in clinical texts written in Spanish: a deep learning-based approach. <i>PeerJ Computer Science</i> , 2022, 8, e913.	2.7	11
4	Integrating Speculation Detection and Deep Learning to Extract Lung Cancer Diagnosis from Clinical Notes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 865.	1.3	7
5	Clustering Moving Object Trajectories: Integration in CROSS-CPP Analytic Toolbox. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3693.	1.3	0
6	A Meta-Path-Based Prediction Method for Disease Comorbidities. , 2021, , .		1
7	Extracting Cancer Treatments from Clinical Text written in Spanish: A Deep Learning Approach. , 2021, , .		4
8	LINDASearch: a faceted search system for linked open datasets. <i>Wireless Networks</i> , 2020, 26, 5645-5663.	2.0	5
9	A Data-Driven Approach for Analyzing Healthcare Services Extracted from Clinical Records. , 2020, , .		2
10	Lung Cancer Diagnosis Extraction from Clinical Notes Written in Spanish. , 2020, , .		2
11	Creating a Metamodel Based on Machine Learning to Identify the Sentiment of Vaccine and Disease-Related Messages in Twitter: the MAVIS Study. , 2020, , .		2
12	Identifying Polarity in Tweets from an Imbalanced Dataset about Diseases and Vaccines Using a Meta-Model Based on Machine Learning Techniques. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9019.	1.3	8
13	Reconstructing the patient's natural history from electronic health records. <i>Artificial Intelligence in Medicine</i> , 2020, 105, 101860.	3.8	14
14	Spa-neg: An Approach for Negation Detection in Clinical Text Written in Spanish. <i>Lecture Notes in Computer Science</i> , 2020, , 323-337.	1.0	3
15	DISNET: a framework for extracting phenotypic disease information from public sources. <i>PeerJ</i> , 2020, 8, e8580.	0.9	29
16	Recognition of Time Expressions in Spanish Electronic Health Records. , 2019, , .		10
17	Introduction to the special issue on social data analytics in medicine and healthcare. <i>International Journal of Data Science and Analytics</i> , 2019, 8, 325-326.	2.4	2
18	Wikipedia Disease Articles: An Analysis of their Content and Evolution. , 2019, , .		1

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19	Disease networks and their contribution to disease understanding: A review of their evolution, techniques and data sources. <i>Journal of Biomedical Informatics</i> , 2019, 94, 103206.	2.5	26
20	Medic-Us: Advanced Social Networking for Intelligent Medical Services and Diagnosis. <i>Studies in Computational Intelligence</i> , 2019, , 213-232.	0.7	0
21	Lung Cancer Concept Annotation from Spanish Clinical Narratives. <i>Lecture Notes in Computer Science</i> , 2019, , 153-163.	1.0	4
22	Analysis of Electronic Health Records to Identify the Patient's Treatment Lines: Challenges and Opportunities. <i>Lecture Notes in Computer Science</i> , 2019, , 437-442.	1.0	1
23	A Semantic Social Network Analysis Tool for Sensitivity Analysis and What-If Scenario Testing in Alcohol Consumption Studies. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2420.	1.2	7
24	Profiling Lung Cancer Patients Using Electronic Health Records. <i>Journal of Medical Systems</i> , 2018, 42, 126.	2.2	17
25	Evaluating Wikipedia as a Source of Information for Disease Understanding. , 2018, , .		7
26	Assessing Time Series Reversibility through Permutation Patterns. <i>Entropy</i> , 2018, 20, 665.	1.1	33
27	Automatic Recording and Analysis of Somniloquy Through the Use of Mobile Devices to Support the Diagnosis of Psychological Pathologies. <i>Communications in Computer and Information Science</i> , 2017, , 169-180.	0.4	0
28	Collective intelligence in medical diagnosis systems: A case study. <i>Computers in Biology and Medicine</i> , 2016, 74, 45-53.	3.9	23
29	Automatic extraction and identification of users' responses in Facebook medical quizzes. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 127, 197-203.	2.6	9
30	A systematic review of tools, languages, and methodologies for mashup development. <i>Software - Practice and Experience</i> , 2015, 45, 365-397.	2.5	21
31	Using Data Crawlers and Semantic Web to Build Financial XBRL Data Generators: The SONAR Extension Approach. <i>Scientific World Journal</i> , The, 2014, 2014, 1-18.	0.8	2
32	Nanopublishing Clinical Diagnoses: Tracking Diagnostic Knowledge Base Content and Utilization. , 2014, , .		3
33	Executing SADI services in Galaxy. <i>Journal of Biomedical Semantics</i> , 2014, 5, 42.	0.9	6
34	Athena: A hybrid management system for multi-device educational content. <i>Computer Applications in Engineering Education</i> , 2014, 22, 750-763.	2.2	11
35	Empowering the access to public procurement opportunities by means of linking controlled vocabularies. A case study of Product Scheme Classifications in the European e-Procurement sector. <i>Computers in Human Behavior</i> , 2014, 30, 674-688.	5.1	12
36	MobiCloUP!: a PaaS for cloud services-based mobile applications. <i>Automated Software Engineering</i> , 2014, 21, 391-437.	2.2	21

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37	BROSEMWEB: A brokerage service for e-Procurement using Semantic Web Technologies. Computers in Industry, 2014, 65, 828-840.	5.7	12
38	Collective intelligence as mechanism of medical diagnosis: The iPixel approach. Expert Systems With Applications, 2013, 40, 2726-2737.	4.4	19
39	Using experts feedback in clinical case resolution and arbitration as accuracy diagnosis methodology. Computers in Biology and Medicine, 2013, 43, 975-986.	3.9	10
40	IKS index: A knowledge-model driven index to estimate the capability of medical diagnosis systems to produce results. Expert Systems With Applications, 2013, 40, 6798-6804.	4.4	3
41	RESYGEN: A Recommendation System Generator using domain-based heuristics. Expert Systems With Applications, 2013, 40, 242-256.	4.4	11
42	An approach for solving multi-level diagnosis in high sensitivity medical diagnosis systems through the application of semantic technologies. Computers in Biology and Medicine, 2013, 43, 51-62.	3.9	16
43	Methods and Models for Diagnosis and Prognosis in Medical Systems. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-2.	0.7	3
44	Ontologies in Medicinal Chemistry: Current Status and Future Challenges. Current Topics in Medicinal Chemistry, 2013, 13, 576-590.	1.0	2
45	Application of Probabilistic Techniques for the Development of a Prognosis Model of Stroke Using Epidemiological Studies. International Journal of Decision Support System Technology, 2013, 5, 34-58.	0.4	2
46	E-procurement Systems as Tools for the Development of Supply Chains. , 2013, , 239-260.		0
47	Enhancing the Access to Public Procurement Notices by Promoting Product Scheme Classifications to the Linked Open Data Initiative. , 2013, , 1-27.		0
48	POST-VIA: Develop Individualized Marketing Strategies for Tourists. Studies in Computational Intelligence, 2013, , 29-42.	0.7	1
49	Using Caching Techniques to Improve the Performance of Rule-Based Inference Applications in Semantic Technologies. Studies in Computational Intelligence, 2013, , 85-101.	0.7	0
50	Using Social Networks to Obtain Medical Diagnosis. , 2013, , 306-320.		1
51	iPixel: A visual content-based and semantic search engine for retrieving digitized mammograms by using collective intelligence. Informatics for Health and Social Care, 2012, 37, 159-176.	1.4	4
52	Analysis of a Multilevel Diagnosis Decision Support System and Its Implications: A Case Study. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-9.	0.7	17
53	Towards an Ontology to Support Semantics Enabled Diagnostic Decision Support Systems. Current Bioinformatics, 2012, 7, 234-245.	0.7	13
54	Towards an ontology for psychological disorders. International Journal of Metadata, Semantics and Ontologies, 2012, 7, 260.	0.2	3

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55	FAST: Fundamental Analysis Support for Financial Statements. Using semantics for trading recommendations. Information Systems Frontiers, 2012, 14, 999-1017.	4.1	9
56	Developing Lift-based Web Applications Using Best Practices. Procedia Technology, 2012, 3, 214-223.	1.1	0
57	Using agents to parallelize a medical reasoning system based on ontologies and description logics as an application case. Expert Systems With Applications, 2012, 39, 13085-13092.	4.4	11
58	A novel approach for generating multi-device Rich Internet Applications. , 2012, , .		3
59	Preface to the Supplement Issue on New Trends on Biomedical Knowledge Acquisition and Information Processing Systems. Journal of Medical Systems, 2012, 36, 1-3.	2.2	0
60	Knowledge Acquisition for Medical Diagnosis Using Collective Intelligence. Journal of Medical Systems, 2012, 36, 5-9.	2.2	12
61	SeDeLo: Using Semantics and Description Logics to Support Aided Clinical Diagnosis. Journal of Medical Systems, 2012, 36, 2471-2481.	2.2	26
62	PsyDis: Towards a diagnosis support system for psychological disorders. Expert Systems With Applications, 2012, 39, 11391-11403.	4.4	17
63	AKNOBAS: A knowledge-based segmentation recommender system based on intelligent data mining techniques. Computer Science and Information Systems, 2012, 9, 713-740.	0.7	7
64	Linked Data. International Journal of Human Capital and Information Technology Professionals, 2012, 3, 1-12.	0.5	15
65	Post-via: After Visit Tourist Services Enabled by Semantics. Lecture Notes in Computer Science, 2012, , 183-193.	1.0	1
66	How medical doctors and students should use Social Media: a review of the main guidelines for proposing practical recommendations. Studies in Health Technology and Informatics, 2012, 180, 853-7.	0.2	8
67	Using Ontologies in Drug Prescription. International Journal of Knowledge-Based Organizations, 2011, 1, 1-15.	0.3	4
68	Automated Diagnosis Through Ontologies and Logical Descriptions. International Journal of Decision Support System Technology, 2011, 3, 21-39.	0.4	6
69	CAST: Using neural networks to improve trading systems based on technical analysis by means of the RSI financial indicator. Expert Systems With Applications, 2011, 38, 11489-11500.	4.4	67
70	Designing an ontology to support the creation of diagnostic decision support system. , 2011, , .		0
71	Notice of Retraction: Recometh: Using CBR and characteristic weights to recommend a software development methodology in software engineering. , 2010, , .		0
72	Using ontologies and probabilistic networks to develop a preventive stroke diagnosis system (PSDS). , 2010, , .		3

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73	Improving N calculation of the RSI financial indicator using neural networks. , 2010, , .		2
74	HYDRA: A Middleware-Oriented Integrated Architecture for e-Procurement in Supply Chains. Lecture Notes in Computer Science, 2010, , 1-20.	1.0	4
75	Improving Trading Systems Using the RSI Financial Indicator and Neural Networks. Lecture Notes in Computer Science, 2010, , 27-37.	1.0	3
76	Towards Dynamic Representation of Rich Internet Applications through Web Service Invocation. , 2009, , .		0
77	Using Ontologies in Drug Prescription. Advances in Business Information Systems and Analytics Book Series, 0, , 247-261.	0.3	0
78	E-Procurement Systems as Tools for the Development of Supply Chains. , 0, , 1703-1723.		0
79	Locating Doctors using Social and Semantic Web Technologies. , 0, , 94-106.		0