

Pablo Chamoso

List of Publications by Citations

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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.

98 papers	1,003 citations	16 h-index	29 g-index
108 ext. papers	1,226 ext. citations	1.6 avg, IF	5.13 L-index

#	Paper	IF	Citations
98	Artificial neural networks used in optimization problems. <i>Neurocomputing</i> , 2018 , 272, 10-16	5.4	114
97	Tendencies of Technologies and Platforms in Smart Cities: A State-of-the-Art Review. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-17	1.9	112
96	Non-linear adaptive closed-loop control system for improved efficiency in IoT-blockchain management. <i>Information Fusion</i> , 2019 , 49, 227-239	16.7	83
95	Detection of Cattle Using Drones and Convolutional Neural Networks. <i>Sensors</i> , 2018 , 18,	3.8	59
94	Relationship recommender system in a business and employment-oriented social network. <i>Information Sciences</i> , 2018 , 433-434, 204-220	7.7	45
93	GreenVMAS: Virtual Organization Based Platform for Heating Greenhouses Using Waste Energy from Power Plants. <i>Sensors</i> , 2018 , 18,	3.8	40
92	Smart city as a distributed platform: Toward a system for citizen-oriented management. <i>Computer Communications</i> , 2020 , 152, 323-332	5.1	36
91	Survey of agent-based cloud computing applications. <i>Future Generation Computer Systems</i> , 2019 , 100, 223-236	7.5	33
90	Agreement Technologies for Energy Optimization at Home. <i>Sensors</i> , 2018 , 18,	3.8	33
89	UAVs Applied to the Counting and Monitoring of Animals. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 71-80	0.4	27
88	Artificial neural network analysis of the academic performance of students in virtual learning environments. <i>Neurocomputing</i> , 2021 , 423, 713-720	5.4	24
87	Deepint.net: A Rapid Deployment Platform for Smart Territories. <i>Sensors</i> , 2021 , 21,	3.8	21
86	Swarm-Based Smart City Platform: A Traffic Application. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 4, 89-98	0.4	18
85	Review of the Main Security Problems with Multi-Agent Systems used in E-commerce Applications. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 5, 55-61	0.4	17
84	A Serious Game to Reduce Consumption in Smart Buildings. <i>Communications in Computer and Information Science</i> , 2017 , 481-493	0.3	17
83	A Hash Based Image Matching Algorithm for Social Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 183-190	0.4	16
82	Blockchain-Based Architecture: A MAS Proposal for Efficient Agri-Food Supply Chains. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 89-96	0.4	16

81	Swarm Agent-Based Architecture Suitable for Internet of Things and Smartcities. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 21-29	0.4	15
80	Social computing in currency exchange. <i>Knowledge and Information Systems</i> , 2019 , 61, 733-753	2.4	15
79	The Use of Drones in Spain: Towards a Platform for Controlling UAVs in Urban Environments. <i>Sensors</i> , 2018 , 18,	3.8	14
78	Classification of retinal vessels using a collaborative agent-based architecture. <i>AI Communications</i> , 2018 , 31, 427-444	0.8	14
77	A Device Supporting the Self Management of Tinnitus. <i>Lecture Notes in Computer Science</i> , 2017 , 399-410	0.9	12
76	A Gateway Protocol Based on FIPA-ACL for the New Agent Platform PANGAEA. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 41-51	0.4	12
75	Use of Gamification Techniques to Encourage Garbage Recycling. A Smart City Approach. <i>Communications in Computer and Information Science</i> , 2018 , 674-685	0.3	11
74	Counter-Terrorism Video Analysis Using Hash-Based Algorithms. <i>Algorithms</i> , 2019 , 12, 110	1.8	10
73	An Efficient Management Platform for Developing Smart Cities: Solution for Real-Time and Future Crowd Detection. <i>Electronics (Switzerland)</i> , 2021 , 10, 765	2.6	9
72	Case-Based Reasoning and Agent Based Job Offer Recommender System. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 21-33	0.4	7
71	Simulation environment for algorithms and agents evaluation.. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 4, 87-96	0.4	7
70	Semantic Analysis System for Industry 4.0. <i>Communications in Computer and Information Science</i> , 2018 , 537-548	0.3	7
69	ALTAIR: Supervised Methodology to Obtain Retinal Vessels Caliber. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2014 , 3, 48-57	0.4	6
68	Efficiency, profitability and productivity: Technological applications in the agricultural sector. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2020 , 9,	0.4	6
67	Conflict Resolution with Agents in Smart Cities. <i>Advances in Linguistics and Communication Studies</i> , 2016 , 244-262	0.3	6
66	Multi-agent Technology to Perform Odor Classification. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 241-252	0.4	6
65	Smart City: A GECAD-BISITE Energy Management Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 92-100	0.4	6
64	GarbMAS: Simulation of the Application of Gamification Techniques to Increase the Amount of Recycled Waste Through a Multi-agent System. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 332-343	0.4	6

63	A Predictive Maintenance Model Using Recurrent Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 261-270	0.4	6
62	Reuse of Waste Energy from Power Plants in Greenhouses through MAS-Based Architecture. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-12	1.9	6
61	Hybrid job offer recommender system in a social network. <i>Expert Systems</i> , 2019 , 36, e12416	2.1	5
60	Intrusion Detection with Unsupervised Techniques for Network Management Protocols over Smart Grids. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2276	2.6	5
59	A generalized framework for wireless localization in gerontechnology 2017 ,		5
58	A Machine Learning Platform for Stock Investment Recommendation Systems. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 303-313	0.4	5
57	Reuse of wasted thermal energy in power plants for agricultural crops by means of multi-agent approach 2018 ,		5
56	Profile generation system using artificial intelligence for information recovery and analysis. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 4583-4592	3.7	4
55	Agent-based tool to reduce the maintenance cost of energy distribution networks. <i>Knowledge and Information Systems</i> , 2018 , 54, 659-675	2.4	4
54	Data Augmentation Using Gaussian Mixture Model on CSV Files. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 258-265	0.4	4
53	A Hybrid Model for COVID-19 Monitoring and Prediction. <i>Electronics (Switzerland)</i> , 2021 , 10, 799	2.6	4
52	Internet of Things Platform to Encourage Recycling in a Smart City 2020 , 414-423		4
51	LSTM Networks for Overcoming the Challenges Associated with Photovoltaic Module Maintenance in Smart Cities. <i>Electronics (Switzerland)</i> , 2021 , 10, 78	2.6	4
50	Social computing for image matching. <i>PLoS ONE</i> , 2018 , 13, e0197576	3.7	4
49	A Review of Computational Methods for Clustering Genes with Similar Biological Functions. <i>Processes</i> , 2019 , 7, 550	2.9	3
48	[PP.08.02] AUTOMATIC IMAGE ANALYZER TO ASSESS RETINAL VESSEL CALIBER (ALTAIR) TOOL VALIDATION FOR THE ANALYSIS OF RETINAL VESSELS. <i>Journal of Hypertension</i> , 2016 , 34, e160	1.9	3
47	Image Matching Algorithm Based on Hashes Extraction. <i>Lecture Notes in Computer Science</i> , 2017 , 87-94	0.9	3
46	2017 ,		3

45	Agreement technologies applied to transmission towers maintenance. <i>AI Communications</i> , 2017 , 30, 83-98	0.8	2
44	Students Performance Analysis Based on Machine Learning Techniques. <i>Communications in Computer and Information Science</i> , 2019 , 428-438	0.3	2
43	Smart Cities Simulation Environment for Intelligent Algorithms Evaluation. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 177-187	0.4	2
42	Validation of the automatic image analyser to assess retinal vessel calibre (ALTAIR): a prospective study protocol. <i>BMJ Open</i> , 2014 , 4, e006144	3	2
41	System for Recommending Financial Products Adapted to the User's Profile. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 117-126	0.4	2
40	Conflict Resolution With Agents in Smart Cities 2019 , 695-713		2
39	Human-Computer Interaction in Currency Exchange. <i>Communications in Computer and Information Science</i> , 2018 , 390-400	0.3	2
38	Odor Classification using Agent Technology. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2014 , 2, 41-48	0.4	2
37	Original Content Verification Using Hash-Based Video Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 120-127	0.4	2
36	Information Extraction from Retinal Images with Agent-Based Technology. <i>Processes</i> , 2018 , 6, 254	2.9	2
35	Encouraging the Recycling Process of Urban Waste by Means of Game Theory Techniques Using a Multi-agent Architecture. <i>Lecture Notes in Computer Science</i> , 2018 , 120-131	0.9	2
34	Automatic image analyser to assess retinal vessel calibre (ALTAIR). A new tool to evaluate the thickness, area and length of the vessels of the retina. <i>International Journal of Medical Informatics</i> , 2020 , 136, 104090	5.3	1
33	Intelligent Control of Energy Distribution Networks. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 99-107	0.4	1
32	How to Create an Adaptive Learning Environment by Means of Virtual Organizations. <i>Communications in Computer and Information Science</i> , 2018 , 199-212	0.3	1
31	Data Analysis Platform for the Optimization of Employability in Technological Profiles. <i>Communications in Computer and Information Science</i> , 2019 , 322-325	0.3	1
30	Mobile Application for Smart City Management. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 183-192	0.4	1
29	A P2P Electricity Negotiation Agent Systems in Urban Smart Grids. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 97-106	0.4	1
28	Social Network Recommender System, A Neural Network Approach. <i>Lecture Notes in Computer Science</i> , 2020 , 213-222	0.9	1

27	Reputation Algorithm for Users and Activities in a Public Transport Oriented Application. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 213-223	0.4	1
26	An App Supporting the Self-management of Tinnitus. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 83-91	0.4	1
25	Integration of a Purchase Porter System into a VO Developed by PANGEA. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 65-72	0.4	1
24	Platform Image Processing Applied to the Study of Retinal Vessels. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 21-30	0.4	1
23	Recommendation of technological profiles to collaborate in software projects using document embeddings. <i>Neural Computing and Applications</i> , 2020 , 1	4.8	1
22	Solar Thermal Collector Output Temperature Prediction by Hybrid Intelligent Model for Smartgrid and Smartbuildings Applications and Optimization. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4644	2.6	1
21	A Hybrid of Particle Swarm Optimization and Harmony Search to Estimate Kinetic Parameters in Arabidopsis thaliana. <i>Processes</i> , 2020 , 8, 921	2.9	1
20	A Data Mining and Analysis Platform for Investment Recommendations. <i>Electronics (Switzerland)</i> , 2021 , 10, 859	2.6	1
19	Reputation System for Increased Engagement in Public Transport Oriented-Applications. <i>Electronics (Switzerland)</i> , 2021 , 10, 1070	2.6	1
18	Design of an AI-Based Workflow-Guiding System for Stratified Sampling. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 105-111	0.4	1
17	Internet Data Extraction and Analysis for Profile Generation. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 112-119	0.4	1
16	A Hybrid Supervised/Unsupervised Machine Learning Approach to Classify Web Services. <i>Communications in Computer and Information Science</i> , 2021 , 93-103	0.3	1
15	Smart Cyber Victimization Discovery on Twitter. <i>Lecture Notes in Networks and Systems</i> , 2022 , 289-299	0.5	1
14	AI-Crime Hunter: An AI Mixture of Experts for Crime Discovery on Twitter. <i>Electronics (Switzerland)</i> , 2021 , 10, 3081	2.6	1
13	An Intelligent Approach to Allocating Resources within an Agent-Based Cloud Computing Platform. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4361	2.6	0
12	Agreement Technologies Applied to Transmission Towers Maintenance. <i>Lecture Notes in Computer Science</i> , 2016 , 172-187	0.9	0
11	A Template-Based Approach to Code Generation Within an Agent Paradigm. <i>Communications in Computer and Information Science</i> , 2021 , 296-307	0.3	0
10	Services Extraction for Integration in Software Projects via an Agent-Based Negotiation System. <i>Communications in Computer and Information Science</i> , 2021 , 241-252	0.3	0

9	The Right to Honour on Social Networks: Detection and Classifications of Users. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 90-99	0.4
8	Creation of a Distributed NoSQL Database with Distributed Hash Tables. <i>Lecture Notes in Computer Science</i> , 2019 , 26-37	0.9
7	Software Agents in Retinal Vessels Classification. <i>Lecture Notes in Computer Science</i> , 2017 , 509-523	0.9
6	Predictive Analysis Tool for Energy Distribution Networks. <i>Lecture Notes in Computer Science</i> , 2016 , 271-279	0.9
5	Distributed Platform for the Extraction and Analysis of Information. <i>Lecture Notes in Networks and Systems</i> , 2022 , 200-210	0.5
4	Acufenometry in the Self-management of Tinnitus: A Revised Interface to Improve the User Experience. <i>Lecture Notes in Networks and Systems</i> , 2022 , 22-30	0.5
3	Information Technology in the Search for Employment. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 252-267	0.2
2	A Hybrid Model for the Measurement of the Similarity between Twitter Profiles. <i>Sustainability</i> , 2022 , 14, 4909	3.6
1	Smart Cities Energy Trading Platform Based on a Multi-agent Approach. <i>Algorithms for Intelligent Systems</i> , 2022 , 131-146	0.5