

# Pablo Chamoso

## 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.

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	Distributed Platform for the Extraction and Analysis of Information. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 200-210	0.5	
97	Smart Cyber Victimization Discovery on Twitter. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 289-299	0.5	1
96	Acufenometry in the Self-management of Tinnitus: A Revised Interface to Improve the User Experience. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 22-30	0.5	
95	A Hybrid Model for the Measurement of the Similarity between Twitter Profiles. <i>Sustainability</i> , <b>2022</b> , 14, 4909	3.6	
94	Smart Cities Energy Trading Platform Based on a Multi-agent Approach. <i>Algorithms for Intelligent Systems</i> , <b>2022</b> , 131-146	0.5	
93	System for Recommending Financial Products Adapted to the User's Profile. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 117-126	0.4	2
92	A P2P Electricity Negotiation Agent Systems in Urban Smart Grids. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 97-106	0.4	1
91	Data Augmentation Using Gaussian Mixture Model on CSV Files. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 258-265	0.4	4
90	A Machine Learning Platform for Stock Investment Recommendation Systems. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 303-313	0.4	5
89	Reputation Algorithm for Users and Activities in a Public Transport Oriented Application. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 213-223	0.4	1
88	A Hybrid Model for COVID-19 Monitoring and Prediction. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 799	2.6	4
87	An Efficient Management Platform for Developing Smart Cities: Solution for Real-Time and Future Crowd Detection. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 765	2.6	9
86	A Data Mining and Analysis Platform for Investment Recommendations. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 859	2.6	1
85	Reputation System for Increased Engagement in Public Transport Oriented-Applications. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1070	2.6	1
84	Artificial neural network analysis of the academic performance of students in virtual learning environments. <i>Neurocomputing</i> , <b>2021</b> , 423, 713-720	5.4	24
83	Deepint.net: A Rapid Deployment Platform for Smart Territories. <i>Sensors</i> , <b>2021</b> , 21,	3.8	21
82	LSTM Networks for Overcoming the Challenges Associated with Photovoltaic Module Maintenance in Smart Cities. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 78	2.6	4

81	A Hybrid Supervised/Unsupervised Machine Learning Approach to Classify Web Services. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 93-103	0.3	1
80	A Template-Based Approach to Code Generation Within an Agent Paradigm. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 296-307	0.3	0
79	Services Extraction for Integration in Software Projects via an Agent-Based Negotiation System. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 241-252	0.3	0
78	Information Technology in the Search for Employment. <i>Advances in Human and Social Aspects of Technology Book Series</i> , <b>2021</b> , 252-267	0.2	
77	AI-Crime Hunter: An AI Mixture of Experts for Crime Discovery on Twitter. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 3081	2.6	1
76	Intrusion Detection with Unsupervised Techniques for Network Management Protocols over Smart Grids. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 2276	2.6	5
75	An Intelligent Approach to Allocating Resources within an Agent-Based Cloud Computing Platform. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4361	2.6	0
74	Profile generation system using artificial intelligence for information recovery and analysis. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 11, 4583-4592	3.7	4
73	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> , <b>2020</b> , 136, 104090	5.3	1
72	Smart city as a distributed platform: Toward a system for citizen-oriented management. <i>Computer Communications</i> , <b>2020</b> , 152, 323-332	5.1	36
71	Efficiency, profitability and productivity: Technological applications in the agricultural sector. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , <b>2020</b> , 9,	0.4	6
70	Social Network Recommender System, A Neural Network Approach. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 213-222	0.9	1
69	Recommendation of technological profiles to collaborate in software projects using document embeddings. <i>Neural Computing and Applications</i> , <b>2020</b> , 1	4.8	1
68	Solar Thermal Collector Output Temperature Prediction by Hybrid Intelligent Model for Smartgrid and Smartbuildings Applications and Optimization. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4644	2.6	1
67	A Hybrid of Particle Swarm Optimization and Harmony Search to Estimate Kinetic Parameters in <i>Arabidopsis thaliana</i> . <i>Processes</i> , <b>2020</b> , 8, 921	2.9	1
66	A Predictive Maintenance Model Using Recurrent Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 261-270	0.4	6
65	Internet of Things Platform to Encourage Recycling in a Smart City <b>2020</b> , 414-423		4
64	Blockchain-Based Architecture: A MAS Proposal for Efficient Agri-Food Supply Chains. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 89-96	0.4	16

63	Design of an AI-Based Workflow-Guiding System for Stratified Sampling. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 105-111	0.4	1
62	Internet Data Extraction and Analysis for Profile Generation. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 112-119	0.4	1
61	Original Content Verification Using Hash-Based Video Analysis. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 120-127	0.4	2
60	A Review of Computational Methods for Clustering Genes with Similar Biological Functions. <i>Processes</i> , <b>2019</b> , 7, 550	2.9	3
59	Counter-Terrorism Video Analysis Using Hash-Based Algorithms. <i>Algorithms</i> , <b>2019</b> , 12, 110	1.8	10
58	Students Performance Analysis Based on Machine Learning Techniques. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 428-438	0.3	2
57	Hybrid job offer recommender system in a social network. <i>Expert Systems</i> , <b>2019</b> , 36, e12416	2.1	5
56	Survey of agent-based cloud computing applications. <i>Future Generation Computer Systems</i> , <b>2019</b> , 100, 223-236	7.5	33
55	Case-Based Reasoning and Agent Based Job Offer Recommender System. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 21-33	0.4	7
54	The Right to Honour on Social Networks: Detection and Classifications of Users. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 90-99	0.4	
53	Data Analysis Platform for the Optimization of Employability in Technological Profiles. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 322-325	0.3	1
52	Mobile Application for Smart City Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 183-192	0.4	1
51	Creation of a Distributed NoSQL Database with Distributed Hash Tables. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 26-37	0.9	
50	Conflict Resolution With Agents in Smart Cities <b>2019</b> , 695-713		2
49	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> , <b>2019</b> , 332-343	0.4	6
48	Social computing in currency exchange. <i>Knowledge and Information Systems</i> , <b>2019</b> , 61, 733-753	2.4	15
47	Non-linear adaptive closed-loop control system for improved efficiency in IoT-blockchain management. <i>Information Fusion</i> , <b>2019</b> , 49, 227-239	16.7	83
46	Relationship recommender system in a business and employment-oriented social network. <i>Information Sciences</i> , <b>2018</b> , 433-434, 204-220	7.7	45

45	Artificial neural networks used in optimization problems. <i>Neurocomputing</i> , <b>2018</b> , 272, 10-16	5.4	114
44	Agent-based tool to reduce the maintenance cost of energy distribution networks. <i>Knowledge and Information Systems</i> , <b>2018</b> , 54, 659-675	2.4	4
43	How to Create an Adaptive Learning Environment by Means of Virtual Organizations. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 199-212	0.3	1
42	Agreement Technologies for Energy Optimization at Home. <i>Sensors</i> , <b>2018</b> , 18,	3.8	33
41	Detection of Cattle Using Drones and Convolutional Neural Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	59
40	A Hash Based Image Matching Algorithm for Social Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 183-190	0.4	16
39	Smart City: A GECAD-BISITE Energy Management Case Study. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 92-100	0.4	6
38	Human-Computer Interaction in Currency Exchange. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 390-400	0.3	2
37	Semantic Analysis System for Industry 4.0. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 537-548	0.3	7
36	Use of Gamification Techniques to Encourage Garbage Recycling. A Smart City Approach. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 674-685	0.3	11
35	Information Extraction from Retinal Images with Agent-Based Technology. <i>Processes</i> , <b>2018</b> , 6, 254	2.9	2
34	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> , <b>2018</b> , 120-131	0.9	2
33	Social computing for image matching. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197576	3.7	4
32	Reuse of wasted thermal energy in power plants for agricultural crops by means of multi-agent approach <b>2018</b> ,		5
31	The Use of Drones in Spain: Towards a Platform for Controlling UAVs in Urban Environments. <i>Sensors</i> , <b>2018</b> , 18,	3.8	14
30	Classification of retinal vessels using a collaborative agent-based architecture. <i>AI Communications</i> , <b>2018</b> , 31, 427-444	0.8	14
29	Tendencies of Technologies and Platforms in Smart Cities: A State-of-the-Art Review. <i>Wireless Communications and Mobile Computing</i> , <b>2018</b> , 2018, 1-17	1.9	112
28	Reuse of Waste Energy from Power Plants in Greenhouses through MAS-Based Architecture. <i>Wireless Communications and Mobile Computing</i> , <b>2018</b> , 2018, 1-12	1.9	6

27	GreenVMAS: Virtual Organization Based Platform for Heating Greenhouses Using Waste Energy from Power Plants. <i>Sensors</i> , <b>2018</b> , 18,	3.8	40
26	A Device Supporting the Self Management of Tinnitus. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 399-410.	0.9	12
25	Agreement technologies applied to transmission towers maintenance. <i>AI Communications</i> , <b>2017</b> , 30, 83-98	0.8	2
24	Image Matching Algorithm Based on Hashes Extraction. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 87-94	0.9	3
23	A generalized framework for wireless localization in gerontechnology <b>2017</b> ,		5
22	<b>2017</b> ,		3
21	A Serious Game to Reduce Consumption in Smart Buildings. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 481-493	0.3	17
20	An App Supporting the Self-management of Tinnitus. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 83-91	0.4	1
19	Software Agents in Retinal Vessels Classification. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 509-523	0.9	
18	Agreement Technologies Applied to Transmission Towers Maintenance. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 172-187	0.9	0
17	[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> , <b>2016</b> , 34, e160	1.9	3
16	Intelligent Control of Energy Distribution Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 99-107	0.4	1
15	Smart Cities Simulation Environment for Intelligent Algorithms Evaluation. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 177-187	0.4	2
14	Swarm-Based Smart City Platform: A Traffic Application. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , <b>2016</b> , 4, 89-98	0.4	18
13	Simulation environment for algorithms and agents evaluation.. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , <b>2016</b> , 4, 87-96	0.4	7
12	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> , <b>2016</b> , 5, 55-61	0.4	17
11	Conflict Resolution with Agents in Smart Cities. <i>Advances in Linguistics and Communication Studies</i> , <b>2016</b> , 244-262	0.3	6
10	Predictive Analysis Tool for Energy Distribution Networks. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 271-279		19

9	Swarm Agent-Based Architecture Suitable for Internet of Things and Smartcities. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 21-29	0.4	15
8	Integration of a Purchase Porter System into a VO Developed by PANGEA. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 65-72	0.4	1
7	Validation of the automatic image analyser to assess retinal vessel calibre (ALTAIR): a prospective study protocol. <i>BMJ Open</i> , <b>2014</b> , 4, e006144	3	2
6	ALTAIR: Supervised Methodology to Obtain Retinal Vessels Caliber. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , <b>2014</b> , 3, 48-57	0.4	6
5	Multi-agent Technology to Perform Odor Classification. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 241-252	0.4	6
4	UAVs Applied to the Counting and Monitoring of Animals. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 71-80	0.4	27
3	Platform Image Processing Applied to the Study of Retinal Vessels. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 21-30	0.4	1
2	Odor Classification using Agent Technology. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , <b>2014</b> , 2, 41-48	0.4	2
1	A Gateway Protocol Based on FIPA-ACL for the New Agent Platform PANGEA. <i>Advances in Intelligent Systems and Computing</i> , <b>2013</b> , 41-51	0.4	12