

Fernando De la Prieta

List of Publications by Citations

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Version: 2024-04-23

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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.

123
papers

1,416
citations

18
h-index

34
g-index

133
ext. papers

1,818
ext. citations

1.7
avg, IF

5.42
L-index

#	Paper	IF	Citations
123	How blockchain improves the supply chain: case study alimentary supply chain. <i>Procedia Computer Science</i> , 2018 , 134, 393-398	1.6	203
122	Artificial neural networks used in optimization problems. <i>Neurocomputing</i> , 2018 , 272, 10-16	5.4	114
121	Sentiment Analysis Based on Deep Learning: A Comparative Study. <i>Electronics (Switzerland)</i> , 2020 , 9, 483	2.6	112
120	Energy Optimization Using a Case-Based Reasoning Strategy. <i>Sensors</i> , 2018 , 18,	3.8	85
119	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
118	Multi-Agent Systems Applications in Energy Optimization Problems: A State-of-the-Art Review. <i>Energies</i> , 2018 , 11, 1928	3.1	61
117	Blockchain framework for IoT data quality via edge computing 2018 ,		48
116	Smart city as a distributed platform: Toward a system for citizen-oriented management. <i>Computer Communications</i> , 2020 , 152, 323-332	5.1	36
115	Survey of agent-based cloud computing applications. <i>Future Generation Computer Systems</i> , 2019 , 100, 223-236	7.5	33
114	Agreement Technologies for Energy Optimization at Home. <i>Sensors</i> , 2018 , 18,	3.8	33
113	Agreement technologies and their use in cloud computing environments. <i>Progress in Artificial Intelligence</i> , 2012 , 1, 277-290	4	31
112	Multi-source homogeneous data clustering for multi-target detection from cluttered background with misdetection. <i>Applied Soft Computing Journal</i> , 2017 , 60, 436-446	7.5	22
111	Agents and Computer Vision for Processing Stereoscopic Images. <i>Lecture Notes in Computer Science</i> , 2010 , 93-100	0.9	21
110	Deepint.net: A Rapid Deployment Platform for Smart Territories. <i>Sensors</i> , 2021 , 21,	3.8	21
109	A model for multi-label classification and ranking of learning objects. <i>Expert Systems With Applications</i> , 2012 , 39, 8878-8884	7.8	18
108	Cloud Computing Integrated into Service-Oriented Multi-Agent Architecture. <i>International Federation for Information Processing</i> , 2010 , 251-259		18
107	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

106	A low-level resource allocation in an agent-based Cloud Computing platform. <i>Applied Soft Computing Journal</i> , 2016 , 48, 716-728	7.5	18
105	Improving the Distribution of Services in MAS. <i>Communications in Computer and Information Science</i> , 2016 , 37-46	0.3	17
104	A Serious Game to Reduce Consumption in Smart Buildings. <i>Communications in Computer and Information Science</i> , 2017 , 481-493	0.3	17
103	A Multiagent System for Resource Distribution into a Cloud Computing Environment. <i>Lecture Notes in Computer Science</i> , 2013 , 37-48	0.9	16
102	Multi-agent System for Controlling a Cloud Computing Environment. <i>Lecture Notes in Computer Science</i> , 2013 , 13-20	0.9	16
101	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
100	Social computing in currency exchange. <i>Knowledge and Information Systems</i> , 2019 , 61, 733-753	2.4	15
99	Retweet or like? That is the question. <i>Online Information Review</i> , 2018 , 42, 562-578	2	14
98	Classification of retinal vessels using a collaborative agent-based architecture. <i>AI Communications</i> , 2018 , 31, 427-444	0.8	14
97	A Device Supporting the Self Management of Tinnitus. <i>Lecture Notes in Computer Science</i> , 2017 , 399-410	0.9	12
96	Adaptive interface ecosystems in smart cities control systems. <i>Future Generation Computer Systems</i> , 2019 , 101, 605-620	7.5	11
95	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
94	A Multi-agent System that Searches for Learning Objects in Heterogeneous Repositories. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 355-362		11
93	Hybrid Deep Learning Models for Sentiment Analysis. <i>Complexity</i> , 2021 , 2021, 1-16	1.6	11
92	Infrastructure to simulate intelligent agents in cloud environments. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 28, 29-41	1.6	10
91	SYLPH: An Ambient Intelligence based platform for integrating heterogeneous Wireless Sensor Networks 2010 ,		10
90	MAS-based self-adaptive architecture for controlling and monitoring Cloud platforms. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2017 , 8, 213-221	3.7	9
89	Influencing over people with a social emotional model. <i>Neurocomputing</i> , 2017 , 231, 47-54	5.4	9

88	Cloud-IO: Cloud Computing Platform for the Fast Deployment of Services over Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 493-504	0.4	9
87	Design Smart Games with requirements, generate them with a Click, and revise them with a GUIs. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2012 , 1, 55-68	0.4	8
86	Towards a Model of Open and Reliable Cognitive Multiagent Systems: Dealing with Trust and Emotions. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 4, 57-86	0.4	8
85	Intelligent Agents and Wireless Sensor Networks: A Healthcare Telemonitoring System. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 429-436		8
84	Edge Computing and Adaptive Fault-Tolerant Tracking Control Algorithm for Smart Buildings: A Case Study. <i>Cybernetics and Systems</i> , 2020 , 51, 685-697	1.9	8
83	Edge Computing Architectures in Industry 4.0: A General Survey and Comparison. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 121-131	0.4	8
82	An Approach to Integrating Sentiment Analysis into Recommender Systems. <i>Sensors</i> , 2021 , 21,	3.8	8
81	Virtual organization with fusion knowledge in odor classification. <i>Neurocomputing</i> , 2017 , 231, 3-10	5.4	7
80	Automatic Learning Object Extraction and Classification in Heterogeneous Environments. <i>Advances in Intelligent and Soft Computing</i> , 2011 , 109-116		7
79	Twitter User Clustering Based on Their Preferences and the Louvain Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 349-356	0.4	6
78	Conflict Resolution with Agents in Smart Cities. <i>Advances in Linguistics and Communication Studies</i> , 2016 , 244-262	0.3	6
77	Framework for Retrieving Relevant Contents Related to Fashion from Online Social Network Data. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 335-347	0.4	6
76	Wireless Sensor Networks and Real-Time Locating Systems to Fight against Maritime Piracy. <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , 2012 , 1, 14	3.8	6
75	Leader-Follower Formation Control of Multiple Agents Based on Bearing-Only Observation. <i>Lecture Notes in Computer Science</i> , 2015 , 120-130	0.9	5
74	A generalized framework for wireless localization in gerontechnology 2017 ,		5
73	User-centred and evidence-based design of smart games for poor text comprehenders: the TERENCE experience. <i>International Journal of Technology Enhanced Learning</i> , 2014 , 6, 212	1.2	5
72	Unified Fingerprinting/Ranging Localization in Harsh Environments. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 479765	1.7	5
71	Analysis and visualization of social user communities. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 4, 11-18	0.4	5

70	Hybrid Multiagent System for Automatic Object Learning Classification. <i>Lecture Notes in Computer Science</i> , 2010 , 61-68	0.9	5
69	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
68	IoT Approaches for Distributed Computing. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-2	1.9	4
67	MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled People. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 337	2.6	4
66	Quaternion Neural Networks: State-of-the-Art and Research Challenges. <i>Lecture Notes in Computer Science</i> , 2020 , 456-467	0.9	4
65	Towards the Automatic Identification and Monitoring of Radicalization Activities in Twitter. <i>Communications in Computer and Information Science</i> , 2018 , 589-599	0.3	3
64	Smart Buildings IoT Networks Accuracy Evolution Prediction to Improve Their Reliability Using a Lotka-Volterra Ecosystem Model. <i>Sensors</i> , 2019 , 19,	3.8	3
63	Image Matching Algorithm Based on Hashes Extraction. <i>Lecture Notes in Computer Science</i> , 2017 , 87-94	0.9	3
62	Real-time agreement and fulfilment of SLAs in Cloud Computing environments. <i>AI Communications</i> , 2015 , 28, 403-426	0.8	3
61	Learning object retrieval in heterogeneous environments. <i>International Journal of Web Engineering and Technology</i> , 2013 , 8, 197	0.3	3
60	Cloud Computing in Bioinformatics. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 147-155		3
59	Organizations of Agents in Information Fusion Environments. <i>Lecture Notes in Computer Science</i> , 2011 , 59-70	0.9	3
58	M-Learning for Elderlies: A Case Study. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 637-645		3
57	Learning Objects Recommendation System: Issues and Approaches for Retrieving, Indexing and Recomend Learning Objects. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 4, 69-82	0.4	3
56	JOUR-MAS: a multi-agent system approach to help journalism management. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2016 , 4, 23-34	0.4	3
55	BRENHET2, A MAS to Facilitate the Reutilization of LOs through Federated Search. <i>Advances in Intelligent and Soft Computing</i> , 2011 , 177-184		3
54	Virtual agent organizations for user behaviour pattern extraction in energy optimization processes: A new perspective. <i>Neurocomputing</i> , 2021 , 452, 374-385	5.4	3
53	Technological Developments of Mobility in Smart Cities. An Economic Approach. <i>Smart Cities</i> , 2021 , 4, 971-978	3.3	3

52	Agreement technologies applied to transmission towers maintenance. <i>AI Communications</i> , 2017 , 30, 83-98	0.8	2
51	Learning Object Repositories with Federated Searcher over the Cloud. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 93-100	0.4	2
50	Using Hybrid Deep Learning Models of Sentiment Analysis and Item Genres in Recommender Systems for Streaming Services. <i>Electronics (Switzerland)</i> , 2021 , 10, 2459	2.6	2
49	Multiagent Application in Mobile Environments to Data Collection in Park Zones. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 251-259	0.4	2
48	Human-Computer Interaction in Currency Exchange. <i>Communications in Computer and Information Science</i> , 2018 , 390-400	0.3	2
47	Analysis and Design of a SOA-Based Multi-agent Architecture. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 183-190		2
46	Improving Temperature Control in Smart Buildings Based in IoT Network Slicing Technique 2019 ,		2
45	Towards an Adaptive and Personalized Assessment Model Based on Ontologies, Context and Collaborative Filtering. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 311-314	0.4	1
44	Review of Technologies and Platforms for Smart Cities. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 193-200	0.4	1
43	MASPI: A Multi Agent System for Prediction in Industry 4.0 Environment. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 197-206	0.4	1
42	+Cloud: An Agent-Based Cloud Computing Platform. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 377-384	0.4	1
41	Practical Applications of Virtual Organizations and Agent Technology. <i>Communications in Computer and Information Science</i> , 2013 , 17-23	0.3	1
40	Multiagent systems and self-organizative virtual organizations, a step ahead in adaptive MAS 2011 ,		1
39	Effects of Time in Virtual Reality Learning Environments Linked with Materials Science and Engineering. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 1-9	0.4	1
38	A New Generation of Learning Object Repositories Based on Cloud Computing. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 99-106	0.4	1
37	An Intelligent Agent-Based Journalism Platform. <i>Communications in Computer and Information Science</i> , 2016 , 322-332	0.3	1
36	Multiagent Systems and Wearable Devices: Helping People Live Healthier. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 11-18		1
35	Supporting System for Detecting Pathologies. <i>Lecture Notes in Computer Science</i> , 2011 , 669-676	0.9	1

34	+Cloud: A Virtual Organization of Multiagent System for Resource Allocation into a Cloud Computing Environment. <i>Lecture Notes in Computer Science</i> , 2014 , 164-181	0.9	1
33	An Agent-Based Social Simulation Platform with 3D Representation for Labor Integration of Disabled People. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 55-64	0.4	1
32	A CBR Approach to Allocate Computational Resources Within a Cloud Platform. <i>Studies in Computational Intelligence</i> , 2016 , 75-84	0.8	1
31	CAFCLA: A Conceptual Framework to Develop Collaborative Context-Aware Learning Activities. <i>Advances in Intelligent Systems and Computing</i> , 2012 , 11-21	0.4	1
30	Intelligent Recovery Architecture for Personalized Educational Content. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 85-93		1
29	A Maritime Piracy Scenario for the n-Core Polaris Real-Time Locating System. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 601-608		1
28	.Cloud: Unified Platform for Compilation and Execution Processes in a Cloud. <i>Lecture Notes in Computer Science</i> , 2013 , 219-227	0.9	1
27	Pedagogy-Driven Smart Games for Primary School Children. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 33-41	0.4	1
26	+Cloud: A Virtual Organization of Multiagent System for Resource Allocation into a Cloud Computing Environment. <i>Lecture Notes in Computer Science</i> , 2014 , 164-181	0.9	1
25	Enriching behavior patterns with learning styles using peripheral devices. <i>Knowledge and Information Systems</i> , 2019 , 60, 1645-1662	2.4	1
24	Cooperative Algorithm to Improve Temperature Control in Recovery Unit of Healthcare Facilities. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 49-62	0.4	1
23	Feasibility of Single-Agent Localization from Sequential Measurements 2018 ,		1
22	Cryptocurrencies Impact on Financial Markets: Some Insights on Its Regulation and Economic and Accounting Implications. <i>Lecture Notes in Networks and Systems</i> , 2022 , 292-299	0.5	1
21	Demand-Responsive Shared Transportation: A Self-Interested Proposal. <i>Electronics (Switzerland)</i> , 2022 , 11, 78	2.6	1
20	An Intelligent Approach to Allocating Resources within an Agent-Based Cloud Computing Platform. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4361	2.6	0
19	CBR Proposal for Personalizing Educational Content. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 115-123		0
18	Retrieving Learning Resources over the Cloud. <i>Advances in Intelligent Systems and Computing</i> , 2012 , 47-56.4		0
17	Multi-agent System for Tracking and Classification of Moving Objects. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 63-74	0.4	

16	Smart System for the Retrieval of Digital Educational Content. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4400	2.6
15	An Enhanced Approach to Retrieve Learning Resources Over the Cloud. <i>Springer Proceedings in Complexity</i> , 2014 , 193-203	0.3
14	A Teaching-Learning Model of Collaborative Assessment in Computer Engineering Studies. <i>Communications in Computer and Information Science</i> , 2019 , 418-427	0.3
13	Facial Expression Recognition System for User Preference Extraction. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 453-461	0.4
12	Social Simulations Through an Agent-Based Platform, Location Data and 3D Models. <i>Understanding Complex Systems</i> , 2017 , 99-120	0.4
11	Software Agents in Retinal Vessels Classification. <i>Lecture Notes in Computer Science</i> , 2017 , 509-523	0.9
10	Spanish Patent Landscape 2013-2016. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 237-246	0.4
9	Improving Functionalities in a Multi-agent Architecture for Ocean Monitoring. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 555-562	
8	Evaluation of Labor Units of Competency: Facilitating Integration of Disabled People. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 281-288	
7	Comparative Genomics with Multi-agent Systems. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 175-181	0.4
6	Cloud-Based Platform to Labor Integration of Deaf People. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 633-640	0.4
5	An Agent-Based Cloud Platform for Security Services. <i>Communications in Computer and Information Science</i> , 2014 , 333-343	0.3
4	Patent retrieval architecture based on document retrieval. Sketching out the Spanish patent landscape. <i>Logic Journal of the IGPL</i> , 2020 , 28, 558-569	1
3	Adaptive Fault-Tolerant Tracking Control Algorithm for IoT Systems: Smart Building Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 481-490	0.4
2	Distributed Platform for the Extraction and Analysis of Information. <i>Lecture Notes in Networks and Systems</i> , 2022 , 200-210	0.5
1	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