

# Fernando De la Prieta

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

2,278  
citations

331259

21  
h-index

243296

44  
g-index

133  
all docs

133  
docs citations

133  
times ranked

1703  
citing authors

#	ARTICLE	IF	CITATIONS
1	How blockchain improves the supply chain: case study alimentary supply chain. <i>Procedia Computer Science</i> , 2018, 134, 393-398.	1.2	320
2	Sentiment Analysis Based on Deep Learning: A Comparative Study. <i>Electronics (Switzerland)</i> , 2020, 9, 483.	1.8	301
3	Artificial neural networks used in optimization problems. <i>Neurocomputing</i> , 2018, 272, 10-16.	3.5	187
4	Non-linear adaptive closed-loop control system for improved efficiency in IoT-blockchain management. <i>Information Fusion</i> , 2019, 49, 227-239.	11.7	112
5	Energy Optimization Using a Case-Based Reasoning Strategy. <i>Sensors</i> , 2018, 18, 865.	2.1	110
6	Multi-Agent Systems Applications in Energy Optimization Problems: A State-of-the-Art Review. <i>Energies</i> , 2018, 11, 1928.	1.6	98
7	Blockchain framework for IoT data quality via edge computing. , 2018, , .		72
8	Hybrid Deep Learning Models for Sentiment Analysis. <i>Complexity</i> , 2021, 2021, 1-16.	0.9	54
9	Smart city as a distributed platform: Toward a system for citizen-oriented management. <i>Computer Communications</i> , 2020, 152, 323-332.	3.1	49
10	Survey of agent-based cloud computing applications. <i>Future Generation Computer Systems</i> , 2019, 100, 223-236.	4.9	45
11	Agreement Technologies for Energy Optimization at Home. <i>Sensors</i> , 2018, 18, 1633.	2.1	37
12	Deepint.net: A Rapid Deployment Platform for Smart Territories. <i>Sensors</i> , 2021, 21, 236.	2.1	36
13	Agreement technologies and their use in cloud computing environments. <i>Progress in Artificial Intelligence</i> , 2012, 1, 277-290.	1.5	35
14	An Approach to Integrating Sentiment Analysis into Recommender Systems. <i>Sensors</i> , 2021, 21, 5666.	2.1	35
15	Retweet or like? That is the question. <i>Online Information Review</i> , 2018, 42, 562-578.	2.2	34
16	Multi-source homogeneous data clustering for multi-target detection from cluttered background with misdetection. <i>Applied Soft Computing Journal</i> , 2017, 60, 436-446.	4.1	33
17	Cloud Computing Integrated into Service-Oriented Multi-Agent Architecture. <i>International Federation for Information Processing</i> , 2010, , 251-259.	0.4	29
18	Edge Computing Architectures in Industry 4.0: A General Survey and Comparison. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 121-131.	0.5	28

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19	A low-level resource allocation in an agent-based Cloud Computing platform. Applied Soft Computing Journal, 2016, 48, 716-728.	4.1	27
20	Agents and Computer Vision for Processing Stereoscopic Images. Lecture Notes in Computer Science, 2010, , 93-100.	1.0	27
21	A model for multi-label classification and ranking of learning objects. Expert Systems With Applications, 2012, 39, 8878-8884.	4.4	25
22	Social computing in currency exchange. Knowledge and Information Systems, 2019, 61, 733-753.	2.1	22
23	A Multiagent System for Resource Distribution into a Cloud Computing Environment. Lecture Notes in Computer Science, 2013, , 37-48.	1.0	20
24	A Serious Game to Reduce Consumption in Smart Buildings. Communications in Computer and Information Science, 2017, , 481-493.	0.4	19
25	Use of Gamification Techniques to Encourage Garbage Recycling. A Smart City Approach. Communications in Computer and Information Science, 2018, , 674-685.	0.4	19
26	Swarm-Based Smart City Platform: A Traffic Application. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 89-98.	1.1	19
27	Automatic Learning Object Extraction and Classification in Heterogeneous Environments. Advances in Intelligent and Soft Computing, 2011, , 109-116.	0.2	17
28	Swarm Agent-Based Architecture Suitable for Internet of Things and Smartcities. Advances in Intelligent Systems and Computing, 2015, , 21-29.	0.5	17
29	Classification of retinal vessels using a collaborative agent-based architecture. AI Communications, 2018, 31, 427-444.	0.8	15
30	A Multi-agent System that Searches for Learning Objects in Heterogeneous Repositories. Advances in Intelligent and Soft Computing, 2010, , 355-362.	0.2	15
31	A Device Supporting the Self Management of Tinnitus. Lecture Notes in Computer Science, 2017, , 399-410.	1.0	13
32	MAS-based self-adaptive architecture for controlling and monitoring Cloud platforms. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 213-221.	3.3	13
33	Edge Computing and Adaptive Fault-Tolerant Tracking Control Algorithm for Smart Buildings: A Case Study. Cybernetics and Systems, 2020, 51, 685-697.	1.6	13
34	Cloud-IO: Cloud Computing Platform for the Fast Deployment of Services over Wireless Sensor Networks. Advances in Intelligent Systems and Computing, 2013, , 493-504.	0.5	12
35	Twitter User Clustering Based on Their Preferences and the Louvain Algorithm. Advances in Intelligent Systems and Computing, 2016, , 349-356.	0.5	12
36	Adaptive interface ecosystems in smart cities control systems. Future Generation Computer Systems, 2019, 101, 605-620.	4.9	12

#	ARTICLE	IF	CITATIONS
37	SYLPH: An Ambient Intelligence based platform for integrating heterogeneous Wireless Sensor Networks. , 2010, , .		11
38	Infrastructure to simulate intelligent agents in cloud environments. Journal of Intelligent and Fuzzy Systems, 2015, 28, 29-41.	0.8	11
39	MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled People. Applied Sciences (Switzerland), 2018, 8, 337.	1.3	11
40	Influencing over people with a social emotional model. Neurocomputing, 2017, 231, 47-54.	3.5	10
41	Design Smart Games with requirements, generate them with a Click, and revise them with a GUIs. Advances in Distributed Computing and Artificial Intelligence Journal, 2012, 1, 55-68.	1.1	10
42	Quaternion Neural Networks: State-of-the-Art and Research Challenges. Lecture Notes in Computer Science, 2020, , 456-467.	1.0	9
43	Towards a Model of Open and Reliable Cognitive Multiagent Systems: Dealing with Trust and Emotions. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 57-86.	1.1	9
44	Wireless Sensor Networks and Real-Time Locating Systems to Fight against Maritime Piracy. International Journal of Interactive Multimedia and Artificial Intelligence, 2012, 1, 14.	1.0	9
45	Virtual organization with fusion knowledge in odor classification. Neurocomputing, 2017, 231, 3-10.	3.5	8
46	Cooperative Algorithm to Improve Temperature Control in Recovery Unit of Healthcare Facilities. Advances in Intelligent Systems and Computing, 2020, , 49-62.	0.5	8
47	Framework for Retrieving Relevant Contents Related to Fashion from Online Social Network Data. Advances in Intelligent Systems and Computing, 2016, , 335-347.	0.5	8
48	Intelligent Agents and Wireless Sensor Networks: A Healthcare Telemonitoring System. Advances in Intelligent and Soft Computing, 2010, , 429-436.	0.2	8
49	Using Hybrid Deep Learning Models of Sentiment Analysis and Item Genres in Recommender Systems for Streaming Services. Electronics (Switzerland), 2021, 10, 2459.	1.8	8
50	Technological Developments of Mobility in Smart Cities. An Economic Approach. Smart Cities, 2021, 4, 971-978.	5.5	7
51	User-centred and evidence-based design of smart games for poor text comprehenders: the TERENCE experience. International Journal of Technology Enhanced Learning, 2014, 6, 212.	0.4	6
52	Leader-Follower Formation Control of Multiple Agents Based on Bearing-Only Observation. Lecture Notes in Computer Science, 2015, , 120-130.	1.0	6
53	A generalized framework for wireless localization in gerontechnology. , 2017, , .		6
54	IoT Approaches for Distributed Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	0.8	6

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55	Profile generation system using artificial intelligence for information recovery and analysis. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4583-4592.	3.3	6
56	Cryptocurrencies Impact on Financial Markets: Some Insights on Its Regulation and Economic and Accounting Implications. Lecture Notes in Networks and Systems, 2022, , 292-299.	0.5	6
57	Conflict Resolution with Agents in Smart Cities. Advances in Linguistics and Communication Studies, 2016, , 244-262.	0.2	6
58	Smart Buildings IoT Networks Accuracy Evolution Prediction to Improve Their Reliability Using a Lotkaâ€™Volterra Ecosystem Model. Sensors, 2019, 19, 4642.	2.1	5
59	Improving Temperature Control in Smart Buildings Based in IoT Network Slicing Technique. , 2019, , .		5
60	An Intelligent Approach to Allocating Resources within an Agent-Based Cloud Computing Platform. Applied Sciences (Switzerland), 2020, 10, 4361.	1.3	5
61	Hybrid Multiagent System for Automatic Object Learning Classification. Lecture Notes in Computer Science, 2010, , 61-68.	1.0	5
62	Unified Fingerprinting/Ranging Localization in Harsh Environments. International Journal of Distributed Sensor Networks, 2015, 11, 479765.	1.3	5
63	Analysis and visualization of social user communities. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 11-18.	1.1	5
64	A Review on Deep Reinforcement Learning for the management of SDN and NFV in Edge-IoT. , 2021, , .		5
65	Learning object retrieval in heterogeneous environments. International Journal of Web Engineering and Technology, 2013, 8, 197.	0.1	4
66	Cloud Computing in Bioinformatics. Advances in Intelligent and Soft Computing, 2010, , 147-155.	0.2	4
67	M-Learning for Elderlies: A Case Study. Advances in Intelligent and Soft Computing, 2012, , 637-645.	0.2	4
68	+Cloud: A Virtual Organization of Multiagent System for Resource Allocation into a Cloud Computing Environment. Lecture Notes in Computer Science, 2014, , 164-181.	1.0	4
69	Learning Objects Recommendation System: Issues and Approaches for Retrieving, Indexing and Recomend Learning Objects. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 69-82.	1.1	4
70	Demand-Responsive Shared Transportation: A Self-Interested Proposal. Electronics (Switzerland), 2022, 11, 78.	1.8	4
71	Real-time agreement and fulfilment of SLAs in Cloud Computing environments. AI Communications, 2015, 28, 403-426.	0.8	3
72	Image Matching Algorithm Based on Hashes Extraction. Lecture Notes in Computer Science, 2017, , 87-94.	1.0	3

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73	Virtual agent organizations for user behaviour pattern extraction in energy optimization processes: A new perspective. <i>Neurocomputing</i> , 2021, 452, 374-385.	3.5	3
74	Retrieving Learning Resources over the Cloud. <i>Advances in Intelligent Systems and Computing</i> , 2012, , 47-56.	0.5	3
75	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.	1.1	3
76	CBR Proposal for Personalizing Educational Content. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 115-123.	0.2	2
77	Agreement technologies applied to transmission towers maintenance. <i>AI Communications</i> , 2017, 30, 83-98.	0.8	2
78	A New Generation of Learning Object Repositories Based on Cloud Computing. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 99-106.	0.5	2
79	Multiagent Application in Mobile Environments to Data Collection in Park Zones. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 251-259.	0.5	2
80	Human-Computer Interaction in Currency Exchange. <i>Communications in Computer and Information Science</i> , 2018, , 390-400.	0.4	2
81	Analysis and Design of a SOA-Based Multi-agent Architecture. <i>Advances in Intelligent and Soft Computing</i> , 2010, , 183-190.	0.2	2
82	CAFCLA: A Conceptual Framework to Develop Collaborative Context-Aware Learning Activities. <i>Advances in Intelligent Systems and Computing</i> , 2012, , 11-21.	0.5	2
83	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.	0.5	2
84	Multiagent systems and self-organizative virtual organizations, a step ahead in adaptive MAS. , 2011, , .		1
85	Practical Applications of Virtual Organizations and Agent Technology. <i>Communications in Computer and Information Science</i> , 2013, , 17-23.	0.4	1
86	Feasibility of Single-Agent Localization from Sequential Measurements. , 2018, , .		1
87	MASPI: A Multi Agent System for Prediction in Industry 4.0 Environment. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 197-206.	0.5	1
88	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.	0.5	1
89	Review of Technologies and Platforms for Smart Cities. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 193-200.	0.5	1
90	Enriching behavior patterns with learning styles using peripheral devices. <i>Knowledge and Information Systems</i> , 2019, 60, 1645-1662.	2.1	1

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91	Distributed Platform for the Extraction and Analysis of Information. Lecture Notes in Networks and Systems, 2022, , 200-210.	0.5	1
92	Multiagent Systems and Wearable Devices: Helping People Live Healthier. Advances in Intelligent and Soft Computing, 2010, , 11-18.	0.2	1
93	Supporting System for Detecting Pathologies. Lecture Notes in Computer Science, 2011, , 669-676.	1.0	1
94	Intelligent Recovery Architecture for Personalized Educational Content. Advances in Intelligent and Soft Computing, 2012, , 85-93.	0.2	1
95	An Agent-Based Cloud Platform for Security Services. Communications in Computer and Information Science, 2014, , 333-343.	0.4	1
96	+Cloud: A Virtual Organization of Multiagent System for Resource Allocation into a Cloud Computing Environment. Lecture Notes in Computer Science, 2014, , 164-181.	1.0	1
97	A CBR Approach to Allocate Computational Resources Within a Cloud Platform. Studies in Computational Intelligence, 2016, , 75-84.	0.7	1
98	Intelligent system to control electric power distribution networks. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 1-8.	1.1	1
99	Social Simulations Through an Agent-Based Platform, Location Data and 3D Models. Understanding Complex Systems, 2017, , 99-120.	0.3	1
100	Advances in Public Transport Platform for the Development of Sustainability Cities. Electronics (Switzerland), 2021, 10, 2771.	1.8	1
101	Educational content retrieval based on semantic Web services. , 2011, , .		0
102	An Enhanced Approach to Retrieve Learning Resources Over the Cloud. Springer Proceedings in Complexity, 2014, , 193-203.	0.2	0
103	Multi-agent System for Tracking and Classification of Moving Objects. Advances in Intelligent Systems and Computing, 2015, , 63-74.	0.5	0
104	Smart System for the Retrieval of Digital Educational Content. Applied Sciences (Switzerland), 2019, 9, 4400.	1.3	0
105	Patent retrieval architecture based on document retrieval. Sketching out the Spanish patent landscape. Logic Journal of the IGPL, 2020, 28, 558-569.	1.3	0
106	Acufenometry in the Self-management ofÂTinnitus: A Revised Interface toÂImprove the User Experience. Lecture Notes in Networks and Systems, 2022, , 22-30.	0.5	0
107	Improving Functionalities in a Multi-agent Architecture for Ocean Monitoring. Advances in Intelligent and Soft Computing, 2010, , 555-562.	0.2	0
108	Evaluation of Labor Units of Competency: Facilitating Integration of Disabled People. Advances in Intelligent and Soft Computing, 2012, , 281-288.	0.2	0

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109	Comparative Genomics with Multi-agent Systems. Advances in Intelligent Systems and Computing, 2013, , 175-181.	0.5	0
110	Data integration in Cloud Computing environment. , 2013, , .		0
111	Cloud-Based Platform to Labor Integration of Deaf People. Advances in Intelligent Systems and Computing, 2013, , 633-640.	0.5	0
112	The Design of Learning Material for Poor Comprehenders: Lessons Learnt from Experts. Jurnal Teknologi (Sciences and Engineering), 2013, 63, .	0.3	0
113	CronoClock: A Multiagent Mobile Model to Assist Drivers in Park Zones. Advances in Distributed Computing and Artificial Intelligence Journal, 2014, 3, 38-45.	1.1	0
114	Facial Expression Recognition System for User Preference Extraction. Advances in Intelligent Systems and Computing, 2016, , 453-461.	0.5	0
115	Software Agents in Retinal Vessels Classification. Lecture Notes in Computer Science, 2017, , 509-523.	1.0	0
116	A Teaching-Learning Model of Collaborative Assessment in Computer Engineering Studies. Communications in Computer and Information Science, 2019, , 418-427.	0.4	0