

Juan M. Corchado

List of Publications by Year in descending order

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671
papers

12,517
citations

28190

55
h-index

58464

82
g-index

734
all docs

734
docs citations

734
times ranked

8056
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Database-Friendly Random Projection Matrices for Improved Distance Preservation on Specific Data. <i>Applied Intelligence</i> , 2022, 52, 4927-4939.	3.3	1
2	An Edge-IoT Architecture and Regression Techniques Applied to an Agriculture Industry Scenario. <i>Lecture Notes in Networks and Systems</i> , 2022, , 92-102.	0.5	0
3	Gamification Proposal of an Improved Energy Saving System for Smart Homes. <i>Lecture Notes in Networks and Systems</i> , 2022, , 315-317.	0.5	0
4	Intelligent Development of Smart Cities: Deepint.net Case Studies. <i>Lecture Notes in Networks and Systems</i> , 2022, , 211-225.	0.5	9
5	Service-Oriented Architecture for Data-Driven Fault Detection. <i>Lecture Notes in Networks and Systems</i> , 2022, , 179-189.	0.5	3
6	Cryptocurrencies and Price Prediction: A Survey. <i>Lecture Notes in Networks and Systems</i> , 2022, , 339-346.	0.5	7
7	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	6
8	A systematic review on time-constrained ontology evolution in predictive maintenance. <i>Artificial Intelligence Review</i> , 2022, 55, 3183-3211.	9.7	8
9	Evaluation metrics and dimensional reduction for binary classification algorithms: a case study on bankruptcy prediction. <i>Knowledge Engineering Review</i> , 2022, 37, .	2.1	4
10	Blockchain-based land registry platforms: a survey on their implementation and potential challenges. <i>Logic Journal of the IGPL</i> , 2022, 30, 1017-1027.	1.3	5
11	An Intelligent Coaching Prototype for Elderly Care. <i>Electronics (Switzerland)</i> , 2022, 11, 460.	1.8	7
12	Guest Editorial: The Era of Industry 5.0 – Technologies from No Recognizable HM Interface to Hearty Touch Personal Products. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 5432-5434.	7.2	6
13	Intidad: A Reference Architecture and a Case Study on Developing Distributed AI Services for Skin Disease Diagnosis over Cloud, Fog and Edge. <i>Sensors</i> , 2022, 22, 1854.	2.1	19
14	Machine learning techniques applied to mechanical fault diagnosis and fault prognosis in the context of real industrial manufacturing use-cases: a systematic literature review. <i>Applied Intelligence</i> , 2022, 52, 14246-14280.	3.3	54
15	Validation of Embedded State Estimator Modules for Decentralized Monitoring of Power Distribution Systems Using IoT Components. <i>Sensors</i> , 2022, 22, 2104.	2.1	2
16	LidSonic for Visually Impaired: Green Machine Learning-Based Assistive Smart Glasses with Smart App and Arduino. <i>Electronics (Switzerland)</i> , 2022, 11, 1076.	1.8	13
17	A framework for participation of prosumers in peer-to-peer energy trading and flexibility markets. <i>Applied Energy</i> , 2022, 314, 118907.	5.1	25
18	Advances in Sustainable Smart Cities and Territories. <i>Electronics (Switzerland)</i> , 2022, 11, 1280.	1.8	3

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19	A Hybrid Model for the Measurement of the Similarity between Twitter Profiles. Sustainability, 2022, 14, 4909.	1.6	1
20	Towards a Blockchain-Based Peer-to-Peer Energy Marketplace. Energies, 2022, 15, 3046.	1.6	15
21	Evaluation of Hierarchical, Multi-Agent, Community-Based, Local Energy Markets Based on Key Performance Indicators. Energies, 2022, 15, 3575.	1.6	12
22	Smart Cities Energy Trading Platform Based on a Multi-agent Approach. Algorithms for Intelligent Systems, 2022, , 131-146.	0.5	3
23	Deepsign: Sign Language Detection and Recognition Using Deep Learning. Electronics (Switzerland), 2022, 11, 1780.	1.8	41
24	Two-Layer Game-Based Framework for Local Energy Flexibility Trading. IEEE Access, 2022, 10, 68768-68777.	2.6	1
25	A Hybrid System For Pandemic Evolution Prediction. Advances in Distributed Computing and Artificial Intelligence Journal, 2022, 11, 111-128.	1.1	0
26	SMART-LAMP: A Smartphone-Operated Handheld Device for Real-Time Colorimetric Point-of-Care Diagnosis of Infectious Diseases via Loop-Mediated Isothermal Amplification. Biosensors, 2022, 12, 424.	2.3	14
27	An agent-based simulation framework for the study of urban delivery. Neurocomputing, 2021, 423, 679-688.	3.5	9
28	Virtual agent organizations for user behaviour pattern extraction in energy optimization processes: A new perspective. Neurocomputing, 2021, 452, 374-385.	3.5	3
29	Discovering the Value Creation System in IoT Ecosystems. Sensors, 2021, 21, 328.	2.1	2
30	A Reputation Score Proposal for Online Video Platforms. Lecture Notes in Computer Science, 2021, , 255-265.	1.0	1
31	Deepint.net: A Rapid Deployment Platform for Smart Territories. Sensors, 2021, 21, 236.	2.1	36
32	Local market models. , 2021, , 79-90.		1
33	An Optimization Model for Energy Community Costs Minimization Considering a Local Electricity Market between Prosumers and Electric Vehicles. Electronics (Switzerland), 2021, 10, 129.	1.8	21
34	LSTM Networks for Overcoming the Challenges Associated with Photovoltaic Module Maintenance in Smart Cities. Electronics (Switzerland), 2021, 10, 78.	1.8	9
35	A Hybrid Supervised/Unsupervised Machine Learning Approach to Classify Web Services. Communications in Computer and Information Science, 2021, , 93-103.	0.4	5
36	Semantic Services Catalog for Multiagent Systems Society. Lecture Notes in Computer Science, 2021, , 229-240.	1.0	2

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37	Optimal Model for Local Energy Community Scheduling Considering Peer to Peer Electricity Transactions. IEEE Access, 2021, 9, 12420-12430.	2.6	52
38	Responsible Urban Innovation with Local Government Artificial Intelligence (AI): A Conceptual Framework and Research Agenda. Journal of Open Innovation: Technology, Market, and Complexity, 2021, 7, 71.	2.6	81
39	Web Traffic Time Series Forecasting Using LSTM Neural Networks with Distributed Asynchronous Training. Mathematics, 2021, 9, 421.	1.1	37
40	A Hybrid Model for COVID-19 Monitoring and Prediction. Electronics (Switzerland), 2021, 10, 799.	1.8	12
41	An Efficient Management Platform for Developing Smart Cities: Solution for Real-Time and Future Crowd Detection. Electronics (Switzerland), 2021, 10, 765.	1.8	24
42	A Data Mining and Analysis Platform for Investment Recommendations. Electronics (Switzerland), 2021, 10, 859.	1.8	8
43	BeSafe B2.0 Smart Multisensory Platform for Safety in Workplaces. Sensors, 2021, 21, 3372.	2.1	10
44	Editorial: Network-Oriented Approaches to Anticancer Drug Response. Frontiers in Bioengineering and Biotechnology, 2021, 9, 692369.	2.0	0
45	My-Trac: System for Recommendation of Points of Interest on the Basis of Twitter Profiles. Electronics (Switzerland), 2021, 10, 1263.	1.8	4
46	RYEL: An Experimental Study in the Behavioral Response of Judges Using a Novel Technique for Acquiring Higher-Order Thinking Based on Explainable Artificial Intelligence and Case-Based Reasoning. Electronics (Switzerland), 2021, 10, 1500.	1.8	4
47	Prosumer Community Portfolio Optimization via Aggregator: The Case of the Iberian Electricity Market and Portuguese Retail Market. Energies, 2021, 14, 3747.	1.6	4
48	Intelligent Platform Based on Smart PPE for Safety in Workplaces. Sensors, 2021, 21, 4652.	2.1	17
49	Portfolio optimization of electricity markets participation using forecasting error in risk formulation. International Journal of Electrical Power and Energy Systems, 2021, 129, 106739.	3.3	16
50	Deep Q-Learning and Preference Based Multi-Agent System for Sustainable Agricultural Market. Sensors, 2021, 21, 5276.	2.1	10
51	Green Artificial Intelligence: Towards an Efficient, Sustainable and Equitable Technology for Smart Cities and Futures. Sustainability, 2021, 13, 8952.	1.6	78
52	Two-stage mechanism design for energy trading of strategic agents in energy communities. Applied Energy, 2021, 295, 117036.	5.1	27
53	CEBRA: A CasE-Based Reasoning Application to recommend banking products. Engineering Applications of Artificial Intelligence, 2021, 104, 104327.	4.3	10
54	Hierarchical approach for coordinating energy and flexibility trading in local energy markets. Applied Energy, 2021, 302, 117575.	5.1	31

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55	A Reinforcement Learning Approach to Improve User Achievement of Health-Related Goals. Lecture Notes in Computer Science, 2021, , 266-277.	1.0	4
56	Machine Learning and Financial Ratios as an Alternative to Altman's Z-Score Bankruptcy Model in Spanish Companies. Studies in Computational Intelligence, 2021, , 130-139.	0.7	2
57	Bridging the Gap Between Domain Ontologies for Predictive Maintenance with Machine Learning. Advances in Intelligent Systems and Computing, 2021, , 533-543.	0.5	4
58	Semantic Interoperability for Multiagent Simulation and Decision Support in Power Systems. Communications in Computer and Information Science, 2021, , 215-226.	0.4	1
59	A Template-Based Approach to Code Generation Within an Agent Paradigm. Communications in Computer and Information Science, 2021, , 296-307.	0.4	1
60	Services Extraction for Integration in Software Projects via an Agent-Based Negotiation System. Communications in Computer and Information Science, 2021, , 241-252.	0.4	1
61	A Machine Learning Platform for Stock Investment Recommendation Systems. Advances in Intelligent Systems and Computing, 2021, , 303-313.	0.5	6
62	Bidirectional-Pass Algorithm for Interictal Event Detection. Advances in Intelligent Systems and Computing, 2021, , 197-204.	0.5	2
63	A P2P Electricity Negotiation Agent Systems in Urban Smart Grids. Advances in Intelligent Systems and Computing, 2021, , 97-106.	0.5	3
64	Blockchain-Based Systems in Land Registry, A Survey of Their Use and Economic Implications. Advances in Intelligent Systems and Computing, 2021, , 13-22.	0.5	8
65	Contextual Adaptative Interfaces for Industry 4.0. Advances in Intelligent Systems and Computing, 2021, , 149-157.	0.5	2
66	A Review of k-NN Algorithm Based on Classical and Quantum Machine Learning. Advances in Intelligent Systems and Computing, 2021, , 189-198.	0.5	17
67	Video Analysis System Using Deep Learning Algorithms. Advances in Intelligent Systems and Computing, 2021, , 186-199.	0.5	6
68	Peer-to-Peer Electricity Market Based on Local Supervision. IEEE Access, 2021, 9, 156647-156662.	2.6	3
69	Advances in Public Transport Platform for the Development of Sustainability Cities. Electronics (Switzerland), 2021, 10, 2771.	1.8	1
70	Artificial Intelligence Models and Techniques Applied to COVID-19: A Review. Electronics (Switzerland), 2021, 10, 2901.	1.8	3
71	Machine Learning and Traditional Econometric Models: A Systematic Mapping Study. Journal of Artificial Intelligence and Soft Computing Research, 2021, 12, 79-100.	3.5	3
72	Edge Computing and Internet of Things Based Platform to Improve the Quality of Life of the Silver Economy on Leisure Cruise Ships. , 2021, , .		6

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73	AI-Crime Hunter: An AI Mixture of Experts for Crime Discovery on Twitter. Electronics (Switzerland), 2021, 10, 3081.	1.8	3
74	A Review on Deep Reinforcement Learning for the management of SDN and NFV in Edge-IoT. , 2021, , .		5
75	A Predictive Maintenance Model Using Recurrent Neural Networks. Advances in Intelligent Systems and Computing, 2020, , 261-270.	0.5	17
76	Edge Computing Architectures in Industry 4.0: A General Survey and Comparison. Advances in Intelligent Systems and Computing, 2020, , 121-131.	0.5	28
77	Internet of Things Platform to Encourage Recycling in a Smart City. , 2020, , 414-423.		5
78	Compact bilinear pooling via kernelized random projection for fine-grained image categorization on low computational power devices. Neurocomputing, 2020, 398, 411-421.	3.5	11
79	IoT network slicing on virtual layers of homogeneous data for improved algorithm operation in smart buildings. Future Generation Computer Systems, 2020, 102, 965-977.	4.9	76
80	Monopolistic and Game-Based Approaches to Transact Energy Flexibility. IEEE Transactions on Power Systems, 2020, 35, 1075-1084.	4.6	20
81	SiloMAS: A MAS for Smart Silos to Optimize Food and Water Consumption on Livestock Holdings. Advances in Intelligent Systems and Computing, 2020, , 27-37.	0.5	2
82	Intelligent Livestock Feeding System by Means of Silos with IoT Technology. Advances in Intelligent Systems and Computing, 2020, , 38-48.	0.5	1
83	Cooperative Algorithm to Improve Temperature Control in Recovery Unit of Healthcare Facilities. Advances in Intelligent Systems and Computing, 2020, , 49-62.	0.5	8
84	Distributed Computing and Artificial Intelligence, 16th International Conference. Advances in Intelligent Systems and Computing, 2020, , .	0.5	2
85	Blockchain-Based Architecture: A MAS Proposal for Efficient Agri-Food Supply Chains. Advances in Intelligent Systems and Computing, 2020, , 89-96.	0.5	24
86	Original Content Verification Using Hash-Based Video Analysis. Advances in Intelligent Systems and Computing, 2020, , 120-127.	0.5	2
87	Blockchain Technology: A Review of the Current Challenges of Cryptocurrency. Advances in Intelligent Systems and Computing, 2020, , 153-160.	0.5	45
88	Smart Contract for Monitoring and Control of Logistics Activities: Garbage Utilities Case Study in a Smart City. , 2020, , 614-618.		2
89	Fault Detection Mechanism of a Predictive Maintenance System Based on Autoregressive Integrated Moving Average Models. Advances in Intelligent Systems and Computing, 2020, , 171-180.	0.5	9
90	Fog computing architecture for personalized recommendation of banking products. Expert Systems With Applications, 2020, 140, 112900.	4.4	42

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91	Towards Flexibility Trading at TSO-DSO-Customer Levels: A Review. <i>Energies</i> , 2020, 13, 165.	1.6	42
92	Microgrid management system based on a multi-agent approach: An office building pilot. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 154, 107427.	2.5	30
93	Dietary addition of soybean oil on performance, rumen fermentation and meat quality of finishing lambs. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2020, 69, 203-209.	0.2	0
94	Application Ontology for Multi-Agent and Web-Services™ Co-Simulation in Power and Energy Systems. <i>IEEE Access</i> , 2020, 8, 81129-81141.	2.6	13
95	Effects of maternal dietary omega-3 polyunsaturated fatty acids and methionine during late gestation on fetal growth, DNA methylation, and mRNA relative expression of genes associated with the inflammatory response, lipid metabolism and DNA methylation in placenta and offspring™s liver in sheep. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 111.	2.1	17
96	Deep Reinforcement Learning for the Management of Software-Defined Networks and Network Function Virtualization in an Edge-IoT Architecture. <i>Sustainability</i> , 2020, 12, 5706.	1.6	17
97	Edge Computing and Adaptive Fault-Tolerant Tracking Control Algorithm for Smart Buildings: A Case Study. <i>Cybernetics and Systems</i> , 2020, 51, 685-697.	1.6	13
98	SPADE 3: Supporting the New Generation of Multi-Agent Systems. <i>IEEE Access</i> , 2020, 8, 182537-182549.	2.6	40
99	Effects of mesquite (<i>Prosopis laevigata</i>) pods as potential feed material for kids. <i>Veterinari Medicina</i> , 2020, 65, 289-296.	0.2	2
100	A New Stability Criterion for IoT Systems in Smart Buildings: Temperature Case Study. <i>Mathematics</i> , 2020, 8, 1412.	1.1	4
101	Constrained Generation Bids in Local Electricity Markets: A Semantic Approach. <i>Energies</i> , 2020, 13, 3990.	1.6	6
102	A Hybrid of Particle Swarm Optimization and Harmony Search to Estimate Kinetic Parameters in <i>Arabidopsis thaliana</i> . <i>Processes</i> , 2020, 8, 921.	1.3	2
103	Blockchain-based architecture for the control of logistics activities: Pharmaceutical utilities case study. <i>Logic Journal of the IGPL</i> , 2020, , .	1.3	17
104	Deep Reinforcement Learning for the management of Software-Defined Networks in Smart Farming. , 2020, , .		17
105	Artificial Intelligence Technologies and Related Urban Planning and Development Concepts: How Are They Perceived and Utilized in Australia?. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2020, 6, 187.	2.6	90
106	Smart Helmet 5.0 for Industrial Internet of Things Using Artificial Intelligence. <i>Sensors</i> , 2020, 20, 6241.	2.1	58
107	Can Building "Artificially Intelligent Cities" Safeguard Humanity from Natural Disasters, Pandemics, and Other Catastrophes? An Urban Scholar™s Perspective. <i>Sensors</i> , 2020, 20, 2988.	2.1	119
108	Determining the maximum length of logical rules in a classifier and visual comparison of results. <i>MethodsX</i> , 2020, 7, 100846.	0.7	0

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109	A Low-Cost Cognitive Assistant. <i>Electronics (Switzerland)</i> , 2020, 9, 310.	1.8	2
110	An Intelligent Approach to Allocating Resources within an Agent-Based Cloud Computing Platform. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4361.	1.3	5
111	Profile generation system using artificial intelligence for information recovery and analysis. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 4583-4592.	3.3	6
112	Î²-Hydroxybutyrate Increases Exercise Capacity Associated with Changes in Mitochondrial Function in Skeletal Muscle. <i>Nutrients</i> , 2020, 12, 1930.	1.7	14
113	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.	1.6	10
114	ME3CA: A Cognitive Assistant for Physical Exercises that Monitors Emotions and the Environment. <i>Sensors</i> , 2020, 20, 852.	2.1	2
115	Smart city as a distributed platform: Toward a system for citizen-oriented management. <i>Computer Communications</i> , 2020, 152, 323-332.	3.1	49
116	Multi-Agent Microgrid Management System for Single-Board Computers: A Case Study on Peer-to-Peer Energy Trading. <i>IEEE Access</i> , 2020, 8, 64169-64183.	2.6	51
117	Sentiment Analysis Based on Deep Learning: A Comparative Study. <i>Electronics (Switzerland)</i> , 2020, 9, 483.	1.8	301
118	Quaternion Neural Networks: State-of-the-Art and Research Challenges. <i>Lecture Notes in Computer Science</i> , 2020, , 456-467.	1.0	9
119	A systematic review of gamification techniques applied to elderly care. <i>Artificial Intelligence Review</i> , 2020, 53, 4863-4901.	9.7	48
120	Intelligent Dolls and robots for the treatment of elderly people with dementia. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2020, 9, 99-112.	1.1	6
121	An IoT and Fog Computing-Based Monitoring System for Cardiovascular Patients with Automatic ECG Classification Using Deep Neural Networks. <i>Sensors</i> , 2020, 20, 7353.	2.1	27
122	Development of a Dangerous Driving Suppression System Using Inverse Reinforcement Learning and Blockchain. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 3-9.	0.5	0
123	Edge Computing Driven Smart Personal Protective System Deployed on NVIDIA Jetson and Integrated with ROS. <i>Communications in Computer and Information Science</i> , 2020, , 385-393.	0.4	2
124	Agent organisations: from independent agents to virtual organisations and societies of agents. <i>Advances in Distributed Computing and Artificial Intelligence Journal</i> , 2020, 9, 55-70.	1.1	0
125	Agent-Based Platform for Monitoring the Pressure Status of Fire Extinguishers in a Building. <i>Communications in Computer and Information Science</i> , 2020, , 373-384.	0.4	1
126	In vitro ruminal degradation of carbohydrate fractions in tropical grasses fertilized with nitrogen. <i>Revista Mexicana De Ciencias Pecuarias</i> , 2020, 11, 266-282.	0.1	1

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127	Effects of dietary beef tallow on performance, rumen fermentation, carcass traits and meat quality of growing lambs. <i>South African Journal of Animal Sciences</i> , 2020, 49, 1063-1071.	0.2	0
128	The importance of digital transformation. Incidence of The Digital Economy and Society Index (DESI) in the GDP of the Eurozone economies. , 2020, , 55-68.		0
129	How Blockchain Could Improve Fraud Detection in Power Distribution Grid. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 67-76.	0.5	18
130	The Right to Honour on Social Networks: Detection and Classifications of Users. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 90-99.	0.5	0
131	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
132	A Hybrid of Simple Constrained Artificial Bee Colony Algorithm and Flux Balance Analysis for Enhancing Lactate and Succinate in <i>Escherichia Coli</i> . <i>Advances in Intelligent Systems and Computing</i> , 2019, , 1-8.	0.5	1
133	Parameter Estimation of Essential Amino Acids in <i>Arabidopsis thaliana</i> Using Hybrid of Bees Algorithm and Harmony Search. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 9-16.	0.5	1
134	Context aware Q-Learning-based model for decision support in the negotiation of energy contracts. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 104, 489-501.	3.3	17
135	A new emotional robot assistant that facilitates human interaction and persuasion. <i>Knowledge and Information Systems</i> , 2019, 60, 363-383.	2.1	37
136	Smart Contract for Monitoring and Control of Logistics Activities: Pharmaceutical Utilities Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 509-517.	0.5	25
137	Legal Aspects and Emerging Risks in the Use of Smart Contracts Based on Blockchain. <i>Communications in Computer and Information Science</i> , 2019, , 525-535.	0.4	26
138	Adaptive interface ecosystems in smart cities control systems. <i>Future Generation Computer Systems</i> , 2019, 101, 605-620.	4.9	12
139	Smart System for the Retrieval of Digital Educational Content. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4400.	1.3	0
140	Effect of substrate composition on the stability and microbial community of an anaerobic expanded granular sludge bed reactor treating printing solvent mixtures of ethanol and glycol ethers. <i>International Biodeterioration and Biodegradation</i> , 2019, 145, 104815.	1.9	6
141	Smart Buildings IoT Networks Accuracy Evolution Prediction to Improve Their Reliability Using a Lotka-Volterra Ecosystem Model. <i>Sensors</i> , 2019, 19, 4642.	2.1	5
142	A multi-agent system framework for autonomous crop irrigation. , 2019, , .		6
143	Machine Learning Models for Electricity Consumption Forecasting: A Review. , 2019, , .		32
144	An evolutionary framework for machine learning applied to medical data. <i>Knowledge-Based Systems</i> , 2019, 185, 104982.	4.0	17

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145	Intelligent multi-agent system for water reduction in automotive irrigation processes. <i>Procedia Computer Science</i> , 2019, 151, 971-976.	1.2	16
146	A Review of Computational Methods for Clustering Genes with Similar Biological Functions. <i>Processes</i> , 2019, 7, 550.	1.3	10
147	Iterative Algorithm For Local Electricity Trading. , 2019, , .		2
148	Agent-based architecture for demand side management using real-time resourcesâ€™ priorities and a deterministic optimization algorithm. <i>Journal of Cleaner Production</i> , 2019, 241, 118154.	4.6	37
149	Hybrid approach based on particle swarm optimization for electricity markets participation. <i>Energy Informatics</i> , 2019, 2, .	1.4	14
150	Decision Support for Small Players Negotiations Under a Transactive Energy Framework. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 4015-4023.	4.6	37
151	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
152	Lithopia. , 2019, , .		6
153	Counter-Terrorism Video Analysis Using Hash-Based Algorithms. <i>Algorithms</i> , 2019, 12, 110.	1.2	11
154	SmartFire: Intelligent Platform for Monitoring Fire Extinguishers and Their Building Environment. <i>Sensors</i> , 2019, 19, 2390.	2.1	11
155	Knowledge Management in Organizations. <i>Communications in Computer and Information Science</i> , 2019, , .	0.4	36
156	Students Performance Analysis Based on Machine Learning Techniques. <i>Communications in Computer and Information Science</i> , 2019, , 428-438.	0.4	6
157	Hybrid job offer recommender system in a social network. <i>Expert Systems</i> , 2019, 36, e12416.	2.9	12
158	A review of edge computing reference architectures and a new global edge proposal. <i>Future Generation Computer Systems</i> , 2019, 99, 278-294.	4.9	151
159	Virtual Organization Structure for Agent-Based Local Electricity Trading. <i>Energies</i> , 2019, 12, 1521.	1.6	10
160	EMERALDâ€™Exercise Monitoring Emotional Assistant. <i>Sensors</i> , 2019, 19, 1953.	2.1	8
161	Two-stage stochastic model for the price-based domestic energy management problem. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 112, 404-416.	3.3	41
162	Decentralised flexibility management for EVs. <i>IET Renewable Power Generation</i> , 2019, 13, 952-960.	1.7	29

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163	Survey of agent-based cloud computing applications. <i>Future Generation Computer Systems</i> , 2019, 100, 223-236.	4.9	45
164	Evolving New Market Structures. , 2019, , 183-203.		2
165	Improving the programming skills of students in multiagent systems master courses. <i>Computer Applications in Engineering Education</i> , 2019, 27, 836-845.	2.2	2
166	Second-order statistics analysis and comparison between arithmetic and geometric average fusion: Application to multi-sensor target tracking. <i>Information Fusion</i> , 2019, 51, 233-243.	11.7	80
167	Collaborative learning via social computing. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019, 20, 265-282.	1.5	13
168	Review of Technologies and Platforms for Smart Cities. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 193-200.	0.5	1
169	Optimal Distribution Grid Operation Using DLMP-Based Pricing for Electric Vehicle Charging Infrastructure in a Smart City. <i>Energies</i> , 2019, 12, 686.	1.6	34
170	Automatic Document Annotation with Data Mining Algorithms. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 68-76.	0.5	4
171	Distributed e-health wide-world accounting ledger via blockchain. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 2381-2386.	0.8	36
172	Identifying a Gene Knockout Strategy Using a Hybrid of Simple Constrained Artificial Bee Colony Algorithm and Flux Balance Analysis to Enhance the Production of Succinate and Lactate in <i>Escherichia Coli</i> . <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2019, 11, 33-44.	2.2	4
173	Optimal expansion planning considering storage investment and seasonal effect of demand and renewable generation. <i>Renewable Energy</i> , 2019, 138, 937-954.	4.3	49
174	Multi-Agent-Based CBR Recommender System for Intelligent Energy Management in Buildings. <i>IEEE Systems Journal</i> , 2019, 13, 1084-1095.	2.9	32
175	Ruminal fermentation and digestion of cattle diets with total and partial replacement of soybean meal by a slow-release urea product. <i>Veterinari Medicina</i> , 2019, 64, 294-301.	0.2	5
176	Improving Temperature Control in Smart Buildings Based in IoT Network Slicing Technique. , 2019, , .		5
177	Multi-Agent Architecture for Peer-to-Peer Electricity Trading based on Blockchain Technology. , 2019, , .		16
178	Energy Scheduling Using Decision Trees and Emulation: Agriculture Irrigation with Run-of-the-River Hydroelectricity and a PV Case Study. <i>Energies</i> , 2019, 12, 3987.	1.6	8
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