

João Carlos Amaro Ferreira

List of Publications by Year in descending order

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121
papers

1,323
citations

516215

16
h-index

476904

29
g-index

135
all docs

135
docs citations

135
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering dimensions of the impact of blockchain technology in supply chain management. <i>Operations Management Research</i> , 2023, 16, 99-125.	5.0	12
2	Remote Monitor System for Alzheimer Disease. <i>Lecture Notes in Networks and Systems</i> , 2022, , 251-260.	0.5	1
3	University Digital Engagement of Students. <i>Lecture Notes in Computer Science</i> , 2022, , 376-390.	1.0	4
4	Wine Traceability and Counterfeit Reduction: Blockchain-Based Application for a Wine Supply Chain. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022, , 59-70.	0.2	6
5	Data Analytics Process over Road Accidents Data – A Case Study of Lisbon City. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 143.	1.4	15
6	Data Fusion and Visualization towards City Disaster Management: Lisbon Case Study. <i>EAI Endorsed Transactions on Smart Cities</i> , 2022, 6, e3.	0.6	5
7	Adopting Blockchain in Supply Chain – An Approach for a Pilot. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 125-141.	0.2	3
8	Understanding Spatiotemporal Station and Trip Activity Patterns in the Lisbon Bike-Sharing System. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 16-34.	0.2	0
9	3D IoT System for Environmental and Energy Consumption Monitoring System. <i>Sustainability</i> , 2021, 13, 1495.	1.6	11
10	Smart home power management system for electric vehicle battery charger and electrical appliance control. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e12812.	1.2	3
11	Roaming Service for Electric Vehicle Charging Using Blockchain-Based Digital Identity. <i>Energies</i> , 2021, 14, 1686.	1.6	13
12	Disaster Management in Smart Cities. <i>Smart Cities</i> , 2021, 4, 819-839.	5.5	31
13	Smart Cities: Data-Driven Solutions to Understand Disruptive Problems in Transportation – The Lisbon Case Study. <i>Energies</i> , 2021, 14, 3044.	1.6	9
14	Calcium Identification and Scoring Based on Echocardiography. An Exploratory Study on Aortic Valve Stenosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 598.	1.1	5
15	Intelligent Transportation Systems for Electric Vehicles. <i>Energies</i> , 2021, 14, 5550.	1.6	9
16	Remote Monitoring Systems for Patients With Chronic Diseases in Primary Health Care: Systematic Review. <i>JMIR MHealth and UHealth</i> , 2021, 9, e28285.	1.8	26
17	Mining Electric Vehicle Adoption of Users. <i>World Electric Vehicle Journal</i> , 2021, 12, 233.	1.6	3
18	Blockchain and Internet of Things for Electrical Energy Decentralization: A Review and System Architecture. <i>Energies</i> , 2021, 14, 8043.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Machine learning for quality control system. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4491-4500.	3.3	4
20	Data-Driven Approach for Incident Management in a Smart City. Applied Sciences (Switzerland), 2020, 10, 8281.	1.3	8
21	Things2People Interaction toward Energy Savings in Shared Spaces Using BIM. Applied Sciences (Switzerland), 2020, 10, 5709.	1.3	10
22	DisBot: A Portuguese Disaster Support Dynamic Knowledge Chatbot. Applied Sciences (Switzerland), 2020, 10, 9082.	1.3	7
23	BIM in People2People and Things2People Interactive Process. Sensors, 2020, 20, 2982.	2.1	9
24	Salespeople Performance Evaluation with Predictive Analytics in B2B. Applied Sciences (Switzerland), 2020, 10, 4036.	1.3	9
25	Named Entity Recognition for Sensitive Data Discovery in Portuguese. Applied Sciences (Switzerland), 2020, 10, 2303.	1.3	19
26	DisKnow: A Social-Driven Disaster Support Knowledge Extraction System. Applied Sciences (Switzerland), 2020, 10, 6083.	1.3	4
27	Tourism Guidance Tracking and Safety Platform. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 162-171.	0.2	3
28	The Electric Vehicle in Smart Homes: A Review and Future Perspectives. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 3-17.	0.2	0
29	App Guidance for Parking Occupation Prediction. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 172-191.	0.2	0
30	The "aftermath" of Industry 4.0 in Small and Medium Enterprises. Lecture Notes in Computer Science, 2020, , 26-33.	1.0	0
31	Smart Auditorium: Development and Analysis of a Power and Environment Monitoring Platform. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 73-87.	0.2	0
32	LoBEMS"IoT for Building and Energy Management Systems. Electronics (Switzerland), 2019, 8, 763.	1.8	54
33	Edge Computing Approach for Vessel Monitoring System. Energies, 2019, 12, 3087.	1.6	8
34	IoT and Blockchain Paradigms for EV Charging System. Energies, 2019, 12, 2987.	1.6	19
35	Merging Data Diversity of Clinical Medical Records to Improve Effectiveness. International Journal of Environmental Research and Public Health, 2019, 16, 769.	1.2	9
36	Improving Fleet Solution " A Case Study. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 41-52.	0.2	0

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37	A Blockchain and Gamification Approach for Smart Parking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 3-14.	0.2	6
38	Collaborative Gamified Approach for Transportation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 26-38.	0.2	2
39	Child's Target Height Prediction Evolution. Applied Sciences (Switzerland), 2019, 9, 5447.	1.3	5
40	Experimental Validation of a Bidirectional Three-Level dc-dc Converter for On-Board or Off-Board EV Battery Chargers. , 2019, , .		10
41	IoT Power Monitoring System for Smart Environments. Sustainability, 2019, 11, 5355.	1.6	32
42	Data Center Environment Monitoring System. , 2019, , .		8
43	Electric Vehicle Charging Process and Parking Guidance App. Energies, 2019, 12, 2123.	1.6	11
44	Vehicle Electrification: New Challenges and Opportunities for Smart Grids. Energies, 2019, 12, 118.	1.6	36
45	Find_Me: IoT Indoor Guidance System. Advances in Intelligent Systems and Computing, 2019, , 231-238.	0.5	0
46	Predictive Analysis in Healthcare: Emergency Wait Time Prediction. Advances in Intelligent Systems and Computing, 2019, , 138-145.	0.5	6
47	Real Time Object Detection and Tracking. Advances in Intelligent Systems and Computing, 2019, , 129-137.	0.5	0
48	Experimental Validation of a Novel Architecture Based on a Dual-Stage Converter for Off-Board Fast Battery Chargers of Electric Vehicles. IEEE Transactions on Vehicular Technology, 2018, 67, 1000-1011.	3.9	115
49	An Energy Management Platform for Public Buildings. Electronics (Switzerland), 2018, 7, 294.	1.8	22
50	Development of an IoT System with Smart Charging Current Control for Electric Vehicles. , 2018, , .		7
51	Beacons and BIM Models for Indoor Guidance and Location. Sensors, 2018, 18, 4374.	2.1	32
52	Building a Community of Users for Open Market Energy. Energies, 2018, 11, 2330.	1.6	34
53	Improved Vehicle-to-Home (iV2H) Operation Mode: Experimental Analysis of the Electric Vehicle as Off-Line UPS. IEEE Transactions on Smart Grid, 2017, 8, 2702-2711.	6.2	71
54	Decision Process to Manage Renewable Energy Production in Smart Grid Environment. Communications in Computer and Information Science, 2017, , 299-306.	0.4	0

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55	Distributed Multimodal Journey Planner Based on Mashup of Individual Planners's APIs. Communications in Computer and Information Science, 2017, , 307-314.	0.4	1
56	OpenADR's Intelligent Electrical Energy Consumption Towards Internet-of-Things. Lecture Notes in Electrical Engineering, 2017, , 725-736.	0.3	3
57	IoT system for anytime/anywhere monitoring and control of vehicles' parameters. , 2017, , .		9
58	Mobile device sensing system for urban goods distribution logistics. , 2017, , .		1
59	SMART sensor network: With Bluetooth low energy and CAN-BUS. , 2017, , .		4
60	GoodsPooling: An Intelligent Approach for Urban Logistics. Advances in Intelligent Systems and Computing, 2017, , 55-62.	0.5	5
61	Mining Users Mobility at Public Transportation. Inteligencia Artificial, 2017, 20, 32.	0.5	3
62	Comprehensive Analysis and Comparison of Digital Current Control Techniques for Active Rectifiers. Lecture Notes in Electrical Engineering, 2017, , 655-666.	0.3	2
63	New Opportunities and Perspectives for the Electric Vehicle Operation in Smart Grids and Smart Homes Scenarios. , 2017, , .		0
64	Towards Activity Theory - Preliminary Report: Ambient Intelligence Applied to Smart Education. Advances in Intelligent Systems and Computing, 2017, , 630-639.	0.5	0
65	Fishing Monitor System Data: A Naïve Bayes Approach. Advances in Intelligent Systems and Computing, 2017, , 582-591.	0.5	0
66	Emerging Opportunities for Ambient Intelligence in Creativity Support Tools. Advances in Intelligent Systems and Computing, 2017, , 640-648.	0.5	1
67	Model Predictive Control Applied to an Improved Five-Level Bidirectional Converter. IEEE Transactions on Industrial Electronics, 2016, 63, 5879-5890.	5.2	51
68	Tracking Users Mobility Patterns Towards CO2 Footprint. Advances in Intelligent Systems and Computing, 2016, , 87-96.	0.5	3
69	The Impact of Driving Styles on Fuel Consumption: A Data-Warehouse-and-Data-Mining-Based Discovery Process. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2653-2662.	4.7	63
70	Mobile Cockpit System for Enhanced Electric Bicycle Use. IEEE Transactions on Industrial Informatics, 2015, 11, 1017-1027.	7.2	16
71	Smart Platform towards Batteries Analysis Based on Internet-of-Things. Procedia Technology, 2014, 17, 520-527.	1.1	5
72	Smart Charging Management for Electric Vehicle Battery Chargers. , 2014, , .		9

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73	On-board electric vehicle battery charger with enhanced V2H operation mode. , 2014, , .		13
74	My Traffic Manager. Procedia Technology, 2014, 17, 209-216.	1.1	3
75	Vehicle-to-Anything Application (V2Anything App) for Electric Vehicles. IEEE Transactions on Industrial Informatics, 2014, 10, 1927-1937.	7.2	72
76	Electric vehicle assistant based on driver profile. International Journal of Electric and Hybrid Vehicles, 2014, 6, 335.	0.2	7
77	Amazon Smartsales Ticketing System. Procedia Technology, 2014, 17, 510-519.	1.1	2
78	Green Route Planner. Springer Proceedings in Mathematics and Statistics, 2014, , 59-68.	0.1	4
79	Operation Modes of Battery Chargers for Electric Vehicles in the Future Smart Grids. IFIP Advances in Information and Communication Technology, 2014, , 401-408.	0.5	5
80	Android as a Cloud Ticket Validator. , 2013, , .		6
81	Dynamic range prediction for an electric vehicle. , 2013, , .		23
82	Collaborative Broker for Distributed Energy Resources. Intelligent Systems, Control and Automation: Science and Engineering, 2013, , 365-376.	0.3	10
83	Electric Vehicles On-Board Battery Charger for the Future Smart Grids. IFIP Advances in Information and Communication Technology, 2013, , 351-358.	0.5	16
84	Simulation of a persistent medium-term precipitation event over the western Iberian Peninsula. Hydrology and Earth System Sciences, 2013, 17, 3741-3758.	1.9	5
85	Integra System. , 2013, , .		0
86	TaaS “ Ticketing as a Service. , 2013, , .		1
87	Assessment of a battery charger for Electric Vehicles with reactive power control. , 2012, , .		63
88	ELECTRIC VEHICLE ROUTE RECOMMENDER SYSTEM. , 2012, , .		0
89	SMART BATTERY CHARGER FOR ELECTRIC MOBILITY IN SMART GRIDS. , 2012, , .		4
90	Recommender system for drivers of electric vehicles. , 2011, , .		25

#	ARTICLE	IF	CITATIONS
91	Smart electric vehicle charging system. , 2011, , .		30
92	Towards a collective knowledge for a smart electric vehicle charging strategy. , 2011, , .		2
93	Mobi_System: A personal travel assistance for electrical vehicles in smart cities. , 2011, , .		4
94	Multi-Modal Transportation Advisor system. , 2011, , .		5
95	A mechatronic device for spasticity quantification. , 2011, , .		5
96	EV-Cockpit “ Mobile Personal Travel Assistance for Electric Vehicles. , 2011, , 247-257.		2
97	Electric Vehicle Communities for Electric Market. World Electric Vehicle Journal, 2010, 4, 683-692.	1.6	0
98	iV2G Charging Platform. , 2010, , .		10
99	Simulation of Electrical Distributed Energy Resources for Electrical Vehicles Charging Process Strategy. , 2010, , .		3
100	Towards an Academic Social Network for Bologna Process. , 2010, , 151-156.		0
101	MDAI: Model based design in automobile industry. , 2009, , .		1
102	Measurements of collaboration efforts in the new product development. , 2009, , .		0
103	Academic Ontology to support the Bologna Mobility Process. , 2009, , .		2
104	Die Surface Designer System. , 2009, , .		0
105	KC-PLM. , 2009, , 886-900.		0
106	A STUDENT PERSONAL SYSTEM FOR BOLOGNA PROCESS MOBILITY. , 2009, , .		1
107	KAD - an integrated CAD and CSCW system for the development of new product in industry business. , 2008, , .		2
108	AtualizaÃ§Ã£o de conhecimento em sistemas de diÃ¡logo. , 2008, , .		0

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109	Modeling product engineer and manufacturing activity in automobile industry. , 2007, , .		0
110	A methodology to design information retrieval systems (MDIRS). , 2007, , .		1
111	UML and enterprise application integration in automobile industry. , 2007, , .		0
112	MODELING DESIGN ACTIVITY IN AUTOMOBILE INDUSTRY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 130-134.	0.4	0
113	PARTS LIFE CYCLE ACTIVITIES ON AUTOMOTIVE INDUSTRY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 471-474.	0.4	0
114	VDML: A MODELING Language for New Vehicle Development. , 2007, , .		4
115	Modeling Engineering and Manufacturing Activity in Vehicle Development Process. , 2007, , .		1
116	Web services for information retrieval. , 2005, , .		1
117	Annealing kinetics of a-Si:H deposited by concentric electrode rf glow discharge at room temperature. Journal of Applied Physics, 1993, 73, 1826-1831.	1.1	6
118	Antiferromagnetic exchange and magnetoresistance enhancement in Co-Re superlattices. Physical Review B, 1992, 45, 2495-2498.	1.1	18
119	A digital library for a virtual organization. , 0, , .		2
120	Batteries Charging Systems for Electric and Plug-In Hybrid Electric Vehicles. , 0, , .		26
121	Bike-sharing mobility patterns: a data-driven analysis for the city of Lisbon. EAI Endorsed Transactions on Smart Cities, 0, , 169580.	0.6	5