Benedita Malheiro

List of Publications by Year
in descending order

92 papers	448 citations	840119 11 h-index	940134 16 g-index
104 all docs	104 docs citations	104 times ranked	258 citing authors

#	Article	IF	Citations
1	Rigid wing sailboats: A state of the art survey. Ocean Engineering, 2019, 187, 106150.	1.9	33
2	Engineering Education for Sustainable Development: The European Project Semester Approach. IEEE Transactions on Education, 2020, 63, 108-117.	2.0	28
3	The European Project Semester at ISEP: the challenge of educating global engineers. European Journal of Engineering Education, 2015, 40, 328-346.	1.5	25
4	Self Hyper-Parameter Tuning for Data Streams. Lecture Notes in Computer Science, 2018, , 241-255.	1.0	22
5	Hyperparameter self-tuning for data streams. Information Fusion, 2021, 76, 75-86.	11.7	22
6	On-line guest profiling and hotel recommendation. Electronic Commerce Research and Applications, 2019, 34, 100832.	2.5	19
7	Fostering Professional Competencies in Engineering Undergraduates with EPS@ISEP. Education Sciences, 2019, 9, 119.	1.4	16
8	Distributed Trust & Reputation Models using Blockchain Technologies for Tourism Crowdsourcing Platforms. Procedia Computer Science, 2019, 160, 457-460.	1.2	16
9	Trust-based Modelling of Multi-criteria Crowdsourced Data. Data Science and Engineering, 2017, 2, 199-209.	4.6	13
10	Scalable modelling and recommendation using wiki-based crowdsourced repositories. Electronic Commerce Research and Applications, 2019, 33, 100817.	2.5	13
11	Collaborative Learning with Sustainability-driven Projects: A Summary of the EPS@ISEP Programme. International Journal of Engineering Pedagogy, 2018, 8, 106.	0.7	13
12	Responsible processing of crowdsourced tourism data. Journal of Sustainable Tourism, 2021, 29, 774-794.	5.7	12
13	A multi-agent brokerage platform for media content recommendation. International Journal of Applied Mathematics and Computer Science, 2015, 25, 513-527.	1.5	10
14	Scalable data analytics using crowdsourced repositories and streams. Journal of Parallel and Distributed Computing, 2018, 122, 1-10.	2.7	10
15	Learning Engineering with EPS@ISEP: Developing Projects for Smart Sustainable Cities. International Journal of Engineering Pedagogy, 2019, 9, 33.	0.7	10
16	Prediction and Analysis of Hotel Ratings from Crowd-Sourced Data. Advances in Intelligent Systems and Computing, 2017, , 493-502.	0.5	10
17	Analysis and Visualisation of Crowd-sourced Tourism Data. , 2016, , .		8
18	Development of biomimetic robots in the EPS engineering programme capstone project. , 2015, , .		7

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19	Context-aware tourism technologies. Knowledge Engineering Review, 2018, 33, .	2.1	7
20	Incremental Hotel Recommendation with Inter-guest Trust and Similarity Post-filtering. Advances in Intelligent Systems and Computing, 2019, , 262-272.	0.5	7
21	Integrated Management of IaaS Resources. Lecture Notes in Computer Science, 2014, , 73-84.	1.0	7
22	Trust and Reputation Modelling for Tourism Recommendations Supported by Crowdsourcing. Advances in Intelligent Systems and Computing, 2018, , 829-838.	0.5	6
23	Analysis and prediction of hotel ratings from crowdsourced data. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1296.	4.6	6
24	Self Hyper-parameter Tuning for Stream Recommendation Algorithms. Communications in Computer and Information Science, 2019, , 91-102.	0.4	6
25	Stream-based explainable recommendations via blockchain profiling. Integrated Computer-Aided Engineering, 2021, , 1-17.	2.5	6
26	A 2020 perspective on â€œOnline guest profiling and hotel recommendationâ€: Reliability, Scalability, Traceability and Transparency. Electronic Commerce Research and Applications, 2020, 40, 100957.	2.5	5
27	Personalised fading for stream data. , 2017, , .		5
28	CloudAnchor: Agent-Based Brokerage of Federated Cloud Resources. Lecture Notes in Computer Science, 2016, , 207-218.	1.0	5
29	Consistency and context management in a multi-agent belief revision testbed. Lecture Notes in Computer Science, 1996, , 361-375.	1.0	4
30	Environmental decision support. , 1997, , .		4
31	An internet DGPS service for precise outdoor navigation. , 0, , .		4
32	The European project semester at ISEP learning to learn engineering. , 2013, , .		4
33	Developing an aquaponics system to learn sustainability and social compromise skills. Journal of Technology and Science Education, 2016, 5, .	0.5	4
34	A 2020 perspective on â€œScalable modelling and recommendation using wiki-based crowdsourced repositories:â€ Fairness, scalability, and real-time recommendation. Electronic Commerce Research and Applications, 2020, 40, 100951.	2.5	4
35	Trust and Reputation Smart Contracts for Explainable Recommendations. Advances in Intelligent Systems and Computing, 2020, , 124-133.	0.5	4
36	Profiling And Rating Prediction From Multi-Criteria Crowd-Sourced Hotel Ratings. , 2017, , .		4

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37	Sail Carâ€"An EPSÂ©ISEP 2019 Project. , 2020, , .		3
38	Solar Dehydrator. , 2019, , .		3
39	Federated IaaS Resource Brokerage. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 252-280.	0.5	3
40	Renegotiation of Electronic Brokerage Contracts. Advances in Intelligent Systems and Computing, 2017, , 41-50.	0.5	3
41	Reconfigurable and Ergonomic Smart Desk â€" An EPS@ISEP 2021 Project. , 2021, , .		3
42	Explanation Plug-In for Stream-Based Collaborative Filtering. Lecture Notes in Networks and Systems, 2022, , 42-51.	0.5	3
43	Design and implementation of a biologically inspired swimming robot an EPS@ISEP 2014 spring project. , 2015, , .		2
44	Aquaponics system an EPS@ISEP 2014 spring project. , 2015, , .		2
45	Learning sustainability by developing a solar dryer for microalgae retrieval. Journal of Technology and Science Education, 2016, 5, .	0.5	2
46	Educating global engineers with EPS@ISEP: The â€œpet trackerâ€•project experience. , 2016, , .		2
47	The MopBot Cleaning Robot â€" An EPS@ISEP 2020 Project. Advances in Intelligent Systems and Computing, 2021, , 79-90.	0.5	2
48	Argumentation as Distributed Belief Revision: Conflict Resolution in Decentralised Co-operative Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 205-218.	1.0	2
49	Airfoil Selection and Wingsail Design for an Autonomous Sailboat. Advances in Intelligent Systems and Computing, 2020, , 305-316.	0.5	2
50	Impact of Trust and Reputation Based Brokerage on the CloudAnchor Platform. Lecture Notes in Computer Science, 2020, , 303-314.	1.0	2
51	ErasmusApp: A Location-Based Collaborative System for Erasmus Students. Lecture Notes in Electrical Engineering, 2014, , 35-47.	0.3	2
52	Semantic Profiling and Destination Recommendation based on Crowd-sourced Tourist Reviews. Advances in Intelligent Systems and Computing, 2018, , 140-147.	0.5	2
53	Didactic Robotic Fish â€" An EPS@ISEP 2016 Project. Advances in Intelligent Systems and Computing, 2017, , 239-253.	0.5	2
54	Dynamic Personalisation of Media Content. , 2011, , .		1

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55	Personalised placement in networked video. , 2012, , .		1
56	RemoteLabs Platform. International Journal of Online and Biomedical Engineering, 2012, 8, 13.	0.9	1
57	Design and implementation of a biologically inspired flying robot an EPS@ISEP 2014 spring project. , 2015, , .		1
58	Design and development of a solar dryer for microalgae retrieval an EPS@ISEP 2013 spring project. , 2015, , .		1
59	Design of sustainable domes in the context of EPS@ISEP. , 2016, , .		1
60	Balcony Greenhouse. , 2017, , .		1
61	Personalised Dynamic Viewer Profiling for Streamed Data. Advances in Intelligent Systems and Computing, 2018, , 501-510.	0.5	1
62	Classification and Recommendation With Data Streams. Advances in Information Quality and Management, 2021, , 675-684.	0.3	1
63	Smart Bicycle Probe â€" An EPS@ISEP 2020 Project. Advances in Intelligent Systems and Computing, 2021, , 115-126.	0.5	1
64	Crowdsourced Data Stream Mining for Tourism Recommendation. Advances in Intelligent Systems and Computing, 2021, , 260-269.	0.5	1
65	Design, Modeling, and Simulation of a Wing Sail Land Yacht. Applied Sciences (Switzerland), 2021, 11, 2760.	1.3	1
66	Towards Top-Up Prediction on Telco Operators. Lecture Notes in Computer Science, 2021, , 573-583.	1.0	1
67	Solving Conflicting Beliefs with a Distributed Belief Revision Approach. Lecture Notes in Computer Science, 2000, , 146-155.	1.0	1
68	An Intelligent Distributed System for Environmental Management. Euro Courses Computer and Information Science, 1995, , 355-370.	0.3	1
69	Towards Active Course Marks for Autonomous Sailing Competitions. , 2015, , 67-75.		1
70	Water Intellibuoyâ€"An EPS@ISEP 2018 Project. Advances in Intelligent Systems and Computing, 2019, , 439-449.	0.5	1
71	DEVELOPING SKILLS IN ENGINEERING CAPSTONE PROJECTS WITH LOW-COST MICROCONTROLLER SOLUTIONS: THE EPS@ISEP EXPERIENCE. , 2019, , .		1
72	Sustainable Food Production Through Vermicomposting â€" An EPS@ISEP 2021 Project. , 2021, , .		1

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73	Crowd Orchestration â€" An EPS@ISEP 2021 Project. , 2021, , .		1
74	TEACHING EMBEDDED/IOT TO ALL ENGINEERS. EDULEARN Proceedings, 2022, , .	0.0	1
75	Collaborative Filtering with Semantic Neighbour Discovery. Lecture Notes in Computer Science, 2016, , 273-284.	1.0	0
76	Self-Oriented Solar Mirror. , 2017, , .		0
77	In-Programme Personalization for Broadcast. , 2017, , .		0
78	Outdoor Intelligent Shader. , 2018, , .		0
79	DataTV 2019: 1st International Workshop on Data-Driven Personalisation of Television. , 2019, , .		0
80	Vertical Farmingâ€"An EPS@ISEP 2018 Project. Advances in Intelligent Systems and Computing, 2019, , 428-438.	0.5	0
81	Elderly Monitoring â€" An EPS@ISEP 2020 Project. Advances in Intelligent Systems and Computing, 2021, , 575-584.	0.5	0
82	Smart Object for 3D Interaction. Lecture Notes in Electrical Engineering, 2014, , 49-61.	0.3	0
83	Intelligent Distributed Environmental Decision Support System. Lecture Notes in Computer Science, 1996, , 171-180.	1.0	0
84	TourismShare. Advances in Intelligent Systems and Computing, 2017, , 62-72.	0.5	0
85	Escargot Nursery â€" An EPS@ISEP 2017 Project. Advances in Intelligent Systems and Computing, 2018, , 884-895.	0.5	0
86	APASailâ€"An Agent-Based Platform for Autonomous Sailing Research and Competition. , 2018, , 31-38.		0
87	Multipurpose Urban Sensing Equipmentâ€"An EPS@ISEP 2018 Project. Advances in Intelligent Systems and Computing, 2019, , 415-427.	0.5	0
88	Waste to Fungi. , 2019, , .		0
89	Smart Companion Pillow â€" An EPS@ISEP 2019 Project. Advances in Intelligent Systems and Computing, 2020, , 465-476.	0.5	0
90	European Project Semester. Advances in Higher Education and Professional Development Book Series, 2022, , 1-22.	0.1	0

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91	Learning Engineering Ethics. Advances in Higher Education and Professional Development Book Series, 2022, , 165-175.	0.1	0
92	Active Learning Strategies for Sustainable Engineering. Advances in Higher Education and Professional Development Book Series, 2022, , 146-164.	0.1	0