

Sara Paiva

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

861
citations

1040056

9
h-index

501196

28
g-index

61
all docs

61
docs citations

61
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Enabling technologies and sustainable smart cities. Sustainable Cities and Society, 2020, 61, 102301.	10.4	270
2	Robotic Process Automation and Artificial Intelligence in Industry 4.0 – A Literature review. Procedia Computer Science, 2021, 181, 51-58.	2.0	150
3	Enabling Technologies for Urban Smart Mobility: Recent Trends, Opportunities and Challenges. Sensors, 2021, 21, 2143.	3.8	111
4	S2HS- A blockchain based approach for smart healthcare system. Healthcare, 2020, 8, 100391.	1.3	103
5	SMS: A Secure Healthcare Model for Smart Cities. Electronics (Switzerland), 2020, 9, 1135.	3.1	28
6	Low Cost GPS Tracking for the Elderly and Alzheimer Patients. Procedia Technology, 2012, 5, 793-802.	1.1	26
7	Accessibility analysis of higher education institution websites of Portugal. Universal Access in the Information Society, 2020, 19, 685-700.	3.0	24
8	GNSS-Free Outdoor Localization Techniques for Resource-Constrained IoT Architectures: A Literature Review. Applied Sciences (Switzerland), 2021, 11, 10793.	2.5	16
9	Privacy and security challenges in smart and sustainable mobility. SN Applied Sciences, 2020, 2, 1.	2.9	15
10	A mobile solution to help visually impaired people in public transports and in pedestrian walks. International Journal of Sustainable Development and Planning, 2018, 13, 281-293.	0.7	10
11	Computer Vision and Deep Learning-Enabled UAVs: Proposed Use Cases for Visually Impaired People in a Smart City. Communications in Computer and Information Science, 2019, , 91-99.	0.5	9
12	Technologies and Systems to Improve Mobility of Visually Impaired People: A State of the Art. EAI/Springer Innovations in Communication and Computing, 2020, , 105-123.	1.1	8
13	COVID-19 and Its Effects on the Driving Style of Spanish Drivers. IEEE Access, 2021, 9, 146680-146690.	4.2	7
14	A Fuzzy Algorithm for Optimizing Semantic Documental Searches. Procedia Technology, 2013, 9, 1-10.	1.1	6
15	User Preferences in the Design of Advanced Driver Assistance Systems. Sustainability, 2021, 13, 3932.	3.2	6
16	Beside and Behind the Wheel: Factors that Influence Driving Stress and Driving Behavior. Sustainability, 2021, 13, 4775.	3.2	6
17	Analysis of Mobility Changes Caused by COVID-19 in a Context of Moderate Restrictions Using Data Collected by Mobile Devices. IEEE Access, 2022, 10, 8906-8915.	4.2	6
18	Semantic Query Validation in Guided-Based Systems: Assuring the Construction of Queries that Make Sense., 2010, , .		5

#	ARTICLE	IF	CITATIONS
19	Precision: A guided-based system for semantic validation and personalized natural language generation of queries. , 2011, , .		5
20	GSSP—A Generic Semantic Search Platform. Procedia Technology, 2012, 5, 388-396.	1.1	4
21	Security of Smart Home-Smartphones Systems. , 2020, , .		4
22	Security Vulnerabilities on Implantable Medical Devices. , 2020, , .		4
23	Automatic Query Generation in Guided Systems: Natural Language Generation from Graphically Built Query. , 2010, , .		3
24	Preventing Alzheimer—s Wandering. International Journal of Healthcare Information Systems and Informatics, 2013, 8, 32-43.	0.9	3
25	An Intuitive Information Share System for Mobile Devices. , 2015, , .		3
26	Big Data and Modern-Day Technologies in COVID-19 Pandemic: Opportunities, Challenges, and Future Avenues. Studies in Systems, Decision and Control, 2021, , 79-106.	1.0	3
27	Context-Aware Mobile Recommender System Based on Activity Patterns. , 2016, , .		2
28	Mobile solutions for visually impaired people: Case study in Viana do Castelo Historical Center. , 2017, , .		2
29	A Case Study for the Promotion of Urban Mobility for Visually Impaired People. EAI/Springer Innovations in Communication and Computing, 2019, , 65-82.	1.1	2
30	An Advertising Overflow Attack Against Android Exposure Notification System Impacting COVID-19 Contact Tracing Applications. IEEE Access, 2021, 9, 103365-103375.	4.2	2
31	Document Classification in Robotic Process Automation Using Artificial Intelligence—A Preliminary Literature Review. Lecture Notes in Networks and Systems, 2021, , 211-221.	0.7	2
32	Implementation of an Intelligent Model Based on Big Data and Decision-Making Using Fuzzy Logic Type-2 for the Car Assembly Industry in an Industrial Estate in Northern Mexico. EAI/Springer Innovations in Communication and Computing, 2022, , 107-122.	1.1	2
33	Optimized Routing for People with Permanent or Temporary Mobility Disability: a Case Study in Viana do Castelo. , 2021, , .		2
34	Cloud and Mobile. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 1-20.	0.5	2
35	Sustainable Smart Parking Solution in a Campus Environment. EAI Endorsed Transactions on Energy Web, 2022, 9, e2.	0.4	2
36	A Domain Independent Pedestrian Dead Reckoning System for Tracking and Localization. , 2015, , .		1

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37	Potentiate Social Inclusion through Detecting Illegal Parking in Places for Disabled People. International Journal of Information Systems and Social Change, 2018, 9, 36-52.	0.1	1
38	A Methodological Approach for Inferring Urban Indicators Through Computer Vision. , 2018, , .		1
39	Adoption of gamification strategies to promote motivation in high education teachers so they achieve better assessments. , 2018, , .		1
40	A mobile application to enhance mobility of people with permanent or temporary mobility disability “ a case study in Portugal. Procedia Computer Science, 2021, 181, 34-41.	2.0	1
41	A Review on Recent Advances in Implanted Medical Devices Security. , 2021, , .		1
42	How Societies and Businesses Will Technologically Evolve with COVID-19. Lecture Notes in Networks and Systems, 2021, , 21-30.	0.7	1
43	Inclusive Mobility Solution for Visually Impaired People using Google Cloud Vision. , 2021, , .		1
44	A Fuzzy Algorithm for Optimizing Semantic Documental Searches. International Journal of Web Portals, 2014, 6, 50-63.	1.1	0
45	The Relevance of Profile-based Disambiguation and Citations in a Fuzzy Algorithm for Semantic Document Search. Procedia Technology, 2014, 16, 22-31.	1.1	0
46	A technological framework for self-management of a homeless people institution. , 2018, , .		0
47	Urban Transport System Enhanced Through IoT Infrastructure and Mobile Services Provided to Citizens. Lecture Notes in Electrical Engineering, 2019, , 323-329.	0.4	0
48	A Framework for Improving the Engagement of Medical Practitioners in an E-Training Platform for Tuberculosis Care and Prevention. Future Internet, 2019, 11, 6.	3.8	0
49	Monitoring the hydraulic stability of Antifer blocks: an IoT-based approach. , 2021, , .		0
50	GSSP “ A Generic Semantic Search Platform. Advances in Business Information Systems and Analytics Book Series, 2015, , 220-239.	0.4	0
51	Model-Driven Development of Data-Centered Mobile Applications. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 213-239.	0.5	0
52	A Domain Independent Pedestrian Dead Reckoning System Solution for Android Smartphones. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 195-211.	0.5	0
53	A Domain Independent Pedestrian Dead Reckoning System Solution for Android Smartphones. , 2016, , 1643-1659.		0
54	Smartphone-Based Solution for Pedestrian Detection and Communication with a Driver Assistance System. Lecture Notes in Electrical Engineering, 2019, , 178-184.	0.4	0

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55	Cloud Algebra: An Innovative Approach for Managing Resources, Services and Big Data on Clouds. EAI Endorsed Transactions on Energy Web, 2018, .	0.4	0
56	Preventing Alzheimer's Wandering. , 2019, , 77-89.		0
57	Image Recognition to Improve Positioning in Smart Urban Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 59-70.	0.3	0