

# 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	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
2	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
3	Sustainable Smart Parking Solution in a Campus Environment. EAI Endorsed Transactions on Energy Web, 2022, 9, e2.	0.4	2
4	A mobile application to enhance mobility of people with permanent or temporary mobility disability â€œ a case study in Portugal. Procedia Computer Science, 2021, 181, 34-41.	2.0	1
5	An Advertising Overflow Attack Against Android Exposure Notification System Impacting COVID-19 Contact Tracing Applications. IEEE Access, 2021, 9, 103365-103375.	4.2	2
6	Document Classification in Robotic Process Automation Using Artificial Intelligenceâ€™A Preliminary Literature Review. Lecture Notes in Networks and Systems, 2021, , 211-221.	0.7	2
7	Enabling Technologies for Urban Smart Mobility: Recent Trends, Opportunities and Challenges. Sensors, 2021, 21, 2143.	3.8	111
8	User Preferences in the Design of Advanced Driver Assistance Systems. Sustainability, 2021, 13, 3932.	3.2	6
9	Beside and Behind the Wheel: Factors that Influence Driving Stress and Driving Behavior. Sustainability, 2021, 13, 4775.	3.2	6
10	Monitoring the hydraulic stability of Antifer blocks: an IoT-based approach. , 2021, , .		0
11	A Review on Recent Advances in Implanted Medical Devices Security. , 2021, , .		1
12	Robotic Process Automation and Artificial Intelligence in Industry 4.0 â€œ A Literature review. Procedia Computer Science, 2021, 181, 51-58.	2.0	150
13	How Societies and Businesses Will Technologically Evolve with COVID-19. Lecture Notes in Networks and Systems, 2021, , 21-30.	0.7	1
14	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
15	Inclusive Mobility Solution for Visually Impaired People using Google Cloud Vision. , 2021, , .		1
16	Optimized Routing for People with Permanent or Temporary Mobility Disability: a Case Study in Viana do Castelo. , 2021, , .		2
17	COVID-19 and Its Effects on the Driving Style of Spanish Drivers. IEEE Access, 2021, 9, 146680-146690.	4.2	7
18	GNSS-Free Outdoor Localization Techniques for Resource-Constrained IoT Architectures: A Literature Review. Applied Sciences (Switzerland), 2021, 11, 10793.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Accessibility analysis of higher education institution websites of Portugal. Universal Access in the Information Society, 2020, 19, 685-700.	3.0	24
20	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
21	S2HS- A blockchain based approach for smart healthcare system. Healthcare, 2020, 8, 100391.	1.3	103
22	SMS: A Secure Healthcare Model for Smart Cities. Electronics (Switzerland), 2020, 9, 1135.	3.1	28
23	Security of Smart Home-Smartphones Systems. , 2020, , .		4
24	Security Vulnerabilities on Implantable Medical Devices. , 2020, , .		4
25	Enabling technologies and sustainable smart cities. Sustainable Cities and Society, 2020, 61, 102301.	10.4	270
26	Privacy and security challenges in smart and sustainable mobility. SN Applied Sciences, 2020, 2, 1.	2.9	15
27	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
28	Urban Transport System Enhanced Through IoT Infrastructure and Mobile Services Provided to Citizens. Lecture Notes in Electrical Engineering, 2019, , 323-329.	0.4	0
29	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
30	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
31	Smartphone-Based Solution for Pedestrian Detection and Communication with a Driver Assistance System. Lecture Notes in Electrical Engineering, 2019, , 178-184.	0.4	0
32	Preventing Alzheimer's Wandering. , 2019, , 77-89.		0
33	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
34	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
35	A Methodological Approach for Inferring Urban Indicators Through Computer Vision. , 2018, , .		1
36	A technological framework for self-management of a homeless people institution. , 2018, , .		0

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37	Adoption of gamification strategies to promote motivation in high education teachers so they achieve better assessments. , 2018, , .		1
38	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
39	Cloud Algebra: An Innovative Approach for Managing Resources, Services and Big Data on Clouds. EAI Endorsed Transactions on Energy Web, 2018, .	0.4	0
40	Mobile solutions for visually impaired people: Case study in Viana do Castelo Historical Center. , 2017, , .		2
41	Context-Aware Mobile Recommender System Based on Activity Patterns. , 2016, , .		2
42	Cloud and Mobile. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 1-20.	0.5	2
43	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
44	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
45	A Domain Independent Pedestrian Dead Reckoning System Solution for Android Smartphones. , 2016, , 1643-1659.		0
46	A Domain Independent Pedestrian Dead Reckoning System for Tracking and Localization. , 2015, , .		1
47	An Intuitive Information Share System for Mobile Devices. , 2015, , .		3
48	GSSP – A Generic Semantic Search Platform. Advances in Business Information Systems and Analytics Book Series, 2015, , 220-239.	0.4	0
49	A Fuzzy Algorithm for Optimizing Semantic Documental Searches. International Journal of Web Portals, 2014, 6, 50-63.	1.1	0
50	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
51	A Fuzzy Algorithm for Optimizing Semantic Documental Searches. Procedia Technology, 2013, 9, 1-10.	1.1	6
52	Preventing Alzheimer’s Wandering. International Journal of Healthcare Information Systems and Informatics, 2013, 8, 32-43.	0.9	3
53	GSSP – A Generic Semantic Search Platform. Procedia Technology, 2012, 5, 388-396.	1.1	4
54	Low Cost GPS Tracking for the Elderly and Alzheimer Patients. Procedia Technology, 2012, 5, 793-802.	1.1	26

#	ARTICLE	IF	CITATIONS
55	Precision: A guided-based system for semantic validation and personalized natural language generation of queries. , 2011, , .		5
56	Semantic Query Validation in Guided-Based Systems: Assuring the Construction of Queries that Make Sense. , 2010, , .		5
57	Automatic Query Generation in Guided Systems: Natural Language Generation from Graphically Built Query. , 2010, , .		3