

Praminda Caleb-Solly

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

772
citations

687363

13
h-index

677142

22
g-index

58
all docs

58
docs citations

58
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Robots for Engagement in Rehabilitative Therapies. , 2018, , .		73
2	Designing Ethical Social Robotsâ€”A Longitudinal Field Study With Older Adults. Frontiers in Robotics and AI, 2020, 7, 1.	3.2	62
3	Mutual Shaping in the Design of Socially Assistive Robots: A Case Study on Social Robots for Therapy. International Journal of Social Robotics, 2020, 12, 847-866.	4.6	50
4	Adaptive surface inspection via interactive evolution. Image and Vision Computing, 2007, 25, 1058-1072.	4.5	47
5	Effective Persuasion Strategies for Socially Assistive Robots. , 2019, , .		47
6	Humanâ€”Machine Interaction Issues in Quality Control Based on Online Image Classification. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 960-971.	2.9	45
7	â€œMaybe It Becomes a Buddy, But Do Not Call It a Robotâ€” Seamless Cooperation between Companion Robotics and Smart Homes. Lecture Notes in Computer Science, 2011, , 324-329.	1.3	32
8	Unsupervised Machine Learning for Developing Personalised Behaviour Models Using Activity Data. Sensors, 2017, 17, 1034.	3.8	30
9	Tracking changes in user activity from unlabelled smart home sensor data using unsupervised learning methods. Neural Computing and Applications, 2020, 32, 12351-12362.	5.6	30
10	Personalized Robot Assistant for Support in Dressing. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 363-374.	3.8	29
11	The utility of psychological measures in evaluating perceived usability of automated vehicle interfaces â€” A study with older adults. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 72, 244-263.	3.7	27
12	Exploiting ability for human adaptation to facilitate improved human-robot interaction and acceptance. Information Society, 2018, 34, 153-165.	2.9	24
13	An assistive robot to support dressing - strategies for planning and error handling. , 2016, , .		23
14	A Quantitative Analysis of Dressing Dynamics for Robotic Dressing Assistance. Frontiers in Robotics and AI, 2017, 4, .	3.2	21
15	A mixed-method approach to evoke creative and holistic thinking about robots in a home environment. , 2014, , .		20
16	Mental Health App Design. , 2015, , .		15
17	â€œElbows Outâ€”Predictive Tracking of Partially Occluded Pose for Robot-Assisted Dressing. IEEE Robotics and Automation Letters, 2018, 3, 3598-3605.	5.1	15
18	Assessing and Addressing Ethical Risk from Anthropomorphism and Deception in Socially Assistive Robots. , 2021, , .		14

#	ARTICLE	IF	CITATIONS
19	Effects of an Unexpected and Expected Event on Older Adults's Autonomic Arousal and Eye Fixations During Autonomous Driving. <i>Frontiers in Psychology</i> , 2020, 11, 571961.	2.1	12
20	User-centric image segmentation using an interactive parameter adaptation tool. <i>Pattern Recognition</i> , 2010, 43, 519-529.	8.1	11
21	In-Situ Learning from a Domain Expert for Real World Socially Assistive Robot Deployment. , 0, , .		10
22	An On-Line Interactive Self-adaptive Image Classification Framework. , 2008, , 171-180.		9
23	KNOWLEDGE AND ATTITUDES OF SMALL BUILDERS TOWARD SUSTAINABLE HOMES IN THE UK. <i>Journal of Green Building</i> , 2015, 10, 215-233.	0.8	9
24	Interaction and Engagement with an Anxiety Management App: Analysis Using Large-Scale Behavioral Data. <i>JMIR Mental Health</i> , 2018, 5, e58.	3.3	9
25	An Emerging Framework to Inform Effective Design of Human-Machine Interfaces for Older Adults Using Connected Autonomous Vehicles. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 325-334.	0.6	8
26	A Framework for Semi-Supervised Adaptive Learning for Activity Recognition in Healthcare Applications. <i>Communications in Computer and Information Science</i> , 2018, , 3-15.	0.5	7
27	Couch to 5km Robot Coach. , 2020, , .		6
28	Cameras as cultural probes in requirements gathering — Exploring their potential in supporting the design of assistive technology. , 2011, , .		5
29	What's "Resolving interaction ambiguity through non-visual cues for a robotic dressing assistant. , 2017, , .		5
30	The Impact of Different Human-Machine Interface Feedback Modalities on Older Participants's User Experience of CAVs in a Simulator Environment. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 120-132.	0.6	5
31	Standards and Regulations for Physically Assistive Robots. , 2021, , .		5
32	Safety Assessment Review of a Dressing Assistance Robot. <i>Frontiers in Robotics and AI</i> , 2021, 8, 667316.	3.2	5
33	Evaluating the Effectiveness of a Mobile Location-Based Intervention for Improving Human-Computer Interaction Students' Understanding of Context for Design. <i>International Journal of Mobile Human Computer Interaction</i> , 2014, 6, 16-31.	0.4	5
34	The use of different feedback modalities and verbal collaboration in tele-robotic assistance. , 2019, , .		4
35	A Study on the Effects of Cognitive Overloading and Distractions on Human Movement During Robot-Assisted Dressing. <i>Frontiers in Robotics and AI</i> , 2022, 9, 815871.	3.2	4
36	Enhancing student learning of human-computer interaction using a contextual mobile application. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
37	A brief introduction to Assistive robotics for independent living. Perspectives in Public Health, 2016, 136, 70-72.	1.6	3
38	Investigating Older Adults' Preferences for Functions Within a Human-Machine Interface Designed for Fully Autonomous Vehicles. Lecture Notes in Computer Science, 2018, , 445-462.	1.3	3
39	The Impact of Affective Verbal Expressions in Social Robots. , 2020, , .		3
40	A New Perspective on Robot Ethics through Investigating Human-Robot Interactions with Older Adults. Applied Sciences (Switzerland), 2021, 11, 10136.	2.5	3
41	A Novel Feature Selection Based Semi-supervised Method for Image Classification. , 2008, , 484-493.		2
42	The Impact of a Biological Driver State Monitoring System on Visual Attention During Partially Automated Driving. Advances in Intelligent Systems and Computing, 2020, , 193-200.	0.6	2
43	On Human-Machine Interaction during Online Image Classifier Training. , 2008, , .		1
44	A Real-World Mobile Interaction Design Task. Innovations in Teaching and Learning in Information and Computer Sciences, 2011, 10, 64-71.	0.2	1
45	Person-environment interaction. , 2016, , 143-162.		1
46	Assessing the Role of Gaze Tracking in Optimizing Humans-In-The-Loop Telerobotic Operation Using Multimodal Feedback. Frontiers in Robotics and AI, 2021, 8, 578596.	3.2	1
47	Speech Related Accessibility Issues in Social Robots. , 2020, , .		1
48	Collaborative HRI and Machine Learning for Constructing Personalised Physical Exercise Databases. Lecture Notes in Computer Science, 2019, , 209-220.	1.3	0
49	Intelligent IoT System Requirements to Support Self-Management for People with Learning Disabilities - A Study with Care Providers. , 2021, , .		0
50	Exploring the complexity of understanding, managing and marketing codes for sustainability in the current economic climate - issues for the small builder. Smart Innovation, Systems and Technologies, 2012, , 63-73.	0.6	0
51	Embodying risk assessment and situational awareness for safe HRI from physical and cognitive control architectures. , 2018, , .		0
52	Investigating the Effectiveness of Different Interaction Modalities for Spatial Human-robot Interaction. , 2020, , .		0
53	Accelerometers-Embedded Lycra Sleeves to Test Wear Compliance and Upper-Limb Activity in People with Stroke. Journal of Prosthetics and Orthotics, 2022, Publish Ahead of Print, .	0.4	0