Thomas Kirste

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6681567/publications.pdf

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34	560	933447	839539
papers	citations	10	18
		h-index	g-index

38	38	38	865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of Disorientation by Accelerometric and Gait Features in Young and Older Adults Navigating in a Virtually Enriched Environment. Frontiers in Psychology, 2022, 13, 882446.	2.1	0
2	Real-Time Detection of Spatial Disorientation in Persons with Mild Cognitive Impairment and Dementia. Gerontology, 2020, 66, 85-94.	2.8	21
3	Automated sensorâ€based detection of challenging behaviors in advanced stages of dementia in nursing homes. Alzheimer's and Dementia, 2020, 16, 672-680.	0.8	12
4	Gaussian Graphical Models Reveal Inter-Modal and Inter-Regional Conditional Dependencies of Brain Alterations in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2020, 12, 99.	3.4	31
5	Effect of Spatial Disorientation in a Virtual Environment on Gait and Vital Features in Patients with Dementia: Pilot Single-Blind Randomized Control Trial. JMIR Serious Games, 2020, 8, e18455.	3.1	5
6	Technology for mobility: A user-centered approach evaluating affinity for technology and requirements for a navigation assistant for people with cognitive impairment. Gerontechnology, 2020, 20, 1-13.	0.1	1
7	Human Activity and Context Recognition using Lifted Marginal Filtering. , 2019, , .		0
8	Combining Symbolic Reasoning and Deep Learning for Human Activity Recognition. , 2019, , .		7
9	On the Applicability of Probabilistic Programming Languages for Causal Activity Recognition. KI - Kunstliche Intelligenz, 2019, 33, 389-399.	3.2	0
10	Analysing Cooking Behaviour in Home Settings: Towards Health Monitoring. Sensors, 2019, 19, 646.	3.8	23
11	A Tablet Appâ€“ and Sensor-Based Assistive Technology Intervention for Informal Caregivers to Manage the Challenging Behavior of People With Dementia (the insideDEM Study): Protocol for a Feasibility Study. JMIR Research Protocols, 2019, 8, e11630.	1.0	8
12	Comparison of Different Hypotheses Regarding the Spread of Alzheimerâ€™s Disease Using Markov Random Fields and Multimodal Imaging. Journal of Alzheimer's Disease, 2018, 65, 731-746.	2.6	6
13	Gaussian Lifted Marginal Filtering. , 2018, , .		0
14	Use of nonintrusive sensorâ€based information and communication technology for realâ€world evidence for clinical trials in dementia. Alzheimer's and Dementia, 2018, 14, 1216-1231.	0.8	55
15	Time and Memory Efficient Online Piecewise Linear Approximation of Sensor Signals. Sensors, 2018, 18, 1672.	3.8	15
16	Lifted Filtering via Exchangeable Decomposition. , 2018, , .		4
17	Challenges of collecting empirical sensor data from people with dementia in a field study. , 2017, , .		9
18	Multidimensional assessment of challenging behaviors in advanced stages of dementia in nursing homesâ€”The insideDEM framework. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 8, 36-44.	2.4	18

#	Article	IF	Citations
19	On the applicability of clinical observation tools for human activity annotation. , 2017, , .		7
20	Where are my colleagues?. , 2017, , .		0
21	Situation Model for Situation-Aware Assistance of Dementia Patients in Outdoor Mobility. Journal of Alzheimer's Disease, 2017, 60, 1461-1476.	2.6	16
22	Fast care â€“ real-time sensor data analysis framework for intelligent assistance systems. Current Directions in Biomedical Engineering, 2017, 3, 743-747.	0.4	1
23	A Decentralized Partially Observable Decision Model for Recognizing the Multiagent Goal in Simulation Systems. Discrete Dynamics in Nature and Society, 2016, 2016, 1-15.	0.9	9
24	Information and communication technology solutions for outdoor navigation in dementia. Alzheimer's and Dementia, 2016, 12, 695-707.	0.8	80
25	On Resampling for Bayesian Filters in Discrete State Spaces. , 2015, , .		2
26	Predicting Prodromal Alzheimer's Disease in Subjects with Mild Cognitive Impairment Using Machine Learning Classification of Multimodal Multicenter Diffusionâ€Tensor and Magnetic Resonance Imaging Data. Journal of Neuroimaging, 2015, 25, 738-747.	2.0	79
27	Computational State Space Models for Activity and Intention Recognition. A Feasibility Study. PLoS ONE, 2014, 9, e109381.	2.5	56
28	Where are My Colleagues and Why? Tracking Multiple Persons in Indoor Environments. , 2014, , .		8
29	Detecting the Effect of Alzheimer's Disease on Everyday Motion Behavior. Journal of Alzheimer's Disease, 2013, 38, 121-132.	2.6	47
30	Agent-Based Proactive Support in Smart Environments. , 2013, , .		1
31	Device-free user localization utilizing artificial neural networks and passive RFID. , 2012, , .		11
32	Context aware approach for activity recognition based on precondition-effect rules. , 2012, , .		10
33	Implementing Scenarios in a Smart Learning Environment. , 2008, , .		10
34	Effects of agendas on model-based intention inference of cooperative teams. , 2007, , .		5