

Amandine Dubois

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8920813/publications.pdf>

Version: 2024-02-01

15
papers

241
citations

1307594

7
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	A gait analysis method based on a depth camera for fall prevention. , 2014, 2014, 4515-8.		41
2	Matching optical flow to motor speed in virtual reality while running on a treadmill. PLoS ONE, 2018, 13, e0195781.	2.5	31
3	Human activities recognition with RGB-Depth camera using HMM. , 2013, 2013, 4666-9.		26
4	Validation of an ambient system for the measurement of gait parameters. Journal of Biomechanics, 2018, 69, 175-180.	2.1	26
5	Automating the Timed Up and Go Test Using a Depth Camera. Sensors, 2018, 18, 14.	3.8	23
6	Measuring frailty and detecting falls for elderly home care using depth camera. Journal of Ambient Intelligence and Smart Environments, 2017, 9, 469-481.	1.4	17
7	Identifying Fall Risk Predictors by Monitoring Daily Activities at Home Using a Depth Sensor Coupled to Machine Learning Algorithms. Sensors, 2021, 21, 1957.	3.8	15
8	Person identification from gait analysis with a depth camera at home. , 2015, 2015, 4999-5002.		10
9	Automatic measurement of fall risk indicators in timed up and go test. Informatics for Health and Social Care, 2019, 44, 237-245.	2.6	10
10	Regular physical activity modulates perceived visual speed when running in treadmill-mediated virtual environments. PLoS ONE, 2019, 14, e0219017.	2.5	10
11	Fast and automatic assessment of fall risk by coupling machine learning algorithms with a depth camera to monitor simple balance tasks. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 71.	4.6	9
12	Influence of the Size of the Field of View on Visual Perception While Running in a Treadmill-Mediated Virtual Environment. Frontiers in Psychology, 2019, 10, 2344.	2.1	9
13	Automatic Fall Detection System with a RGB-D Camera using a Hidden Markov Model. Lecture Notes in Computer Science, 2013, , 259-266.	1.3	7
14	Using HMMs for Discriminating Mobile from Static Objects in a 3D Occupancy Grid. , 2011, , .		6
15	No Evidence That Frontal Optical Flow Affects Perceived Locomotor Speed and Locomotor Biomechanics When Running on a Treadmill. Applied Sciences (Switzerland), 2019, 9, 4589.	2.5	1