

Juan Pablo VÃ¡squez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5445505/publications.pdf>

Version: 2024-02-01

14
papers

351
citations

1478280

6
h-index

1588896

8
g-index

14
all docs

14
docs citations

14
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	Human-robot interaction in agriculture: A survey and current challenges. Biosystems Engineering, 2019, 179, 35-48.	1.9	167
2	Comparison of convolutional neural networks in fruit detection and counting: A comprehensive evaluation. Computers and Electronics in Agriculture, 2020, 173, 105348.	3.7	98
3	An Energy-Based Method for Orientation Correction of EMG Bracelet Sensors in Hand Gesture Recognition Systems. Sensors, 2020, 20, 6327.	2.1	23
4	Hand Gesture Recognition and Tracking Control for a Virtual UR5 Robot Manipulator. , 2021, , .		13
5	On the design of a human-robot interaction strategy for commercial vehicle driving based on human cognitive parameters. Advances in Mechanical Engineering, 2019, 11, 168781401986271.	0.8	9
6	A fuzzy-based driver assistance system using human cognitive parameters and driving style information. Cognitive Systems Research, 2020, 64, 174-190.	1.9	9
7	A methodology for semantic action recognition based on pose and human-object interaction in avocado harvesting processes. Computers and Electronics in Agriculture, 2021, 184, 106057.	3.7	9
8	Social robot navigation based on HRI non-verbal communication. , 2019, , .		8
9	Toward Semantic Action Recognition for Avocado Harvesting Process based on Single Shot MultiBox Detector. , 2018, , .		3
10	Sleepiness Detection for Cooperative Vehicle Navigation Strategies. , 2018, , .		3
11	Finding a Proper Approach to Obtain Cognitive Parameters from Human Faces Under Illumination Variations. , 2018, , .		3
12	Hand Gesture and Arm Movement Recognition for Multimodal Control of a 3-DOF Helicopter. Lecture Notes in Networks and Systems, 2022, , 363-377.	0.5	3
13	A Hand Gesture Recognition System Using EMG and Reinforcement Learning: A Q-Learning Approach. Lecture Notes in Computer Science, 2021, , 580-591.	1.0	2
14	A New Methodology For Pattern Recognition Applied To Hand Gestures Recognition Using EMG. Analysis Of Intrapersonal And Interpersonal Variability. , 2021, , .		1