

# Juan Pablo VÃ¡squez

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	A New Methodology For Pattern Recognition Applied To Hand Gestures Recognition Using EMG. Analysis Of Intrapersonal And Interpersonal Variability. , 2021, , .		1
5	Hand Gesture Recognition and Tracking Control for a Virtual UR5 Robot Manipulator. , 2021, , .		13
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	An Energy-Based Method for Orientation Correction of EMG Bracelet Sensors in Hand Gesture Recognition Systems. Sensors, 2020, 20, 6327.	2.1	23
8	Comparison of convolutional neural networks in fruit detection and counting: A comprehensive evaluation. Computers and Electronics in Agriculture, 2020, 173, 105348.	3.7	98
9	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
10	Human-robot interaction in agriculture: A survey and current challenges. Biosystems Engineering, 2019, 179, 35-48.	1.9	167
11	Social robot navigation based on HRI non-verbal communication. , 2019, , .		8
12	Toward Semantic Action Recognition for Avocado Harvesting Process based on Single Shot MultiBox Detector. , 2018, , .		3
13	Sleepiness Detection for Cooperative Vehicle Navigation Strategies. , 2018, , .		3
14	Finding a Proper Approach to Obtain Cognitive Parameters from Human Faces Under Illumination Variations. , 2018, , .		3