Daniel Maturana

List of Publications by Year
in descending order

10 papers	2,333 citations	3311381 1 h-index	3475538 1 g-index
10 all docs	10 docs citations	10 times ranked	2210 citing authors

#	Article	IF	Citations
1	VoxNet: A 3D Convolutional Neural Network for real-time object recognition. , 2015, , .		1,903
2	Estimation, planning, and mapping for autonomous flight using an RGB-D camera in GPS-denied environments. International Journal of Robotics Research, 2012, 31, 1320-1343.	8.5	134
3	3D Convolutional Neural Networks for landing zone detection from LiDAR. , 2015, , .		133
4	Learning discriminative local binary patterns for face recognition. , 2011, , .		47
5	Face Recognition with Local Binary Patterns, Spatial Pyramid Histograms and Naive Bayes Nearest Neighbor Classification. , 2009, , .		44
6	Wire detection using synthetic data and dilated convolutional networks for unmanned aerial vehicles. , 2017, , .		36
7	Looking forward: A semantic mapping system for scouting with micro-aerial vehicles. , 2017, , .		14
8	Real-time 3D scene layout from a single image using Convolutional Neural Networks. , 2016, , .		13
9	Improving Learning-based Ego-motion Estimation with Homomorphism-based Losses and Drift Correction. , 2019, , .		9
10	Indoor Mobile Robotics at Grima, PUC. Journal of Intelligent and Robotic Systems: Theory and Applications, 2012, 66, 151-165.	3.4	0