

# Ulises Orozco-Rosas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7001973/publications.pdf>

Version: 2024-02-01

25  
papers

808  
citations

1477746

6  
h-index

887659

17  
g-index

29  
all docs

29  
docs citations

29  
times ranked

678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary correlation filtering based on pseudo-bacterial genetic algorithm for pose estimation of highly occluded targets. Multimedia Tools and Applications, 2021, 80, 23051-23072.	2.6	1
2	Evaluation Method of Deep Learning-Based Embedded Systems for Traffic Sign Detection. IEEE Access, 2021, 9, 101217-101238.	2.6	24
3	Autonomous object manipulation and transportation using a mobile service robot equipped with an RGB-D and LiDAR sensor. , 2021, , .		1
4	Simultaneous localization and mapping using an RGB-D camera for autonomous mobile robot navigation. , 2021, , .		2
5	Evaluation of Deep Learning Algorithms for Traffic Sign Detection to Implement on Embedded Systems. Studies in Computational Intelligence, 2021, , 95-115.	0.7	1
6	Environment Recognition for Path Generation in Autonomous Mobile Robots. Studies in Computational Intelligence, 2020, , 273-288.	0.7	2
7	Acceleration of Path Planning Computation Based on Evolutionary Artificial Potential Field for Non-static Environments. Studies in Computational Intelligence, 2020, , 271-297.	0.7	3
8	Autonomous navigation for a holonomic drive robot in an unknown environment using a depth camera. , 2020, , .		4
9	Analysis of three-dimensional object reconstruction algorithms based on multi-camera arrays. , 2020, , .		0
10	Mapping and navigation in an unknown environment using LiDAR for mobile service robots. , 2020, , .		1
11	Hybrid Path Planning Algorithm Based on Membrane Pseudo-Bacterial Potential Field for Autonomous Mobile Robots. IEEE Access, 2019, 7, 156787-156803.	2.6	82
12	Mobile robot path planning using membrane evolutionary artificial potential field. Applied Soft Computing Journal, 2019, 77, 236-251.	4.1	268
13	Demonstrating the robustness of frequency-domain correlation filters for 3D object recognition applications. , 2019, , .		1
14	Autonomous navigation for a differential drive robot in a partially known environment. , 2019, , .		0
15	Handwritten hiragana classifier with minimal training data utilizing convolutional neural networks. , 2019, , .		2
16	Evaluation of algorithms for traffic sign detection. , 2019, , .		4
17	Path Following Fuzzy System for a Nonholonomic Mobile Robot Based on Frontal Camera Information. Studies in Computational Intelligence, 2018, , 223-240.	0.7	4
18	Pose Estimation in Noncontinuous Video Sequences Using Evolutionary Correlation Filtering. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	3

#	ARTICLE	IF	CITATIONS
19	An Optimized GPU Implementation for a Path Planning Algorithm Based on Parallel Pseudo-bacterial Potential Field. <i>Studies in Computational Intelligence</i> , 2017, , 477-492.	0.7	1
20	Visual environment recognition for robot path planning using template matched filters. , 2017, , .		1
21	Obstacle recognition for path planning in autonomous mobile robots. , 2016, , .		3
22	Pseudo-Bacterial Potential Field Based Path Planner for Autonomous Mobile Robot Navigation. <i>International Journal of Advanced Robotic Systems</i> , 2015, 12, 81.	1.3	28
23	Optimal Path Planning Generation for Mobile Robots using Parallel Evolutionary Artificial Potential Field. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015, 79, 237-257.	2.0	98
24	Path planning for mobile robots using Bacterial Potential Field for avoiding static and dynamic obstacles. <i>Expert Systems With Applications</i> , 2015, 42, 5177-5191.	4.4	265
25	Geo-Navigation for a Mobile Robot and Obstacle Avoidance Using Fuzzy Controllers. <i>Studies in Computational Intelligence</i> , 2014, , 647-669.	0.7	3