Kenia Picos

List of Publications by Year
in descending order

16 papers	245 citations	1478505 6 h-index	1372567 10 g-index
17 all docs	17 docs citations	17 times ranked	157 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.	3.9	1
2	Evaluation Method of Deep Learning-Based Embedded Systems for Traffic Sign Detection. IEEE Access, 2021, 9, 101217-101238.	4.2	24
3	Environment Recognition for Path Generation in Autonomous Mobile Robots. Studies in Computational Intelligence, 2020, , 273-288.	0.9	2
4	Acceleration of Path Planning Computation Based on Evolutionary Artificial Potential Field for Non-static Environments. Studies in Computational Intelligence, 2020, , 271-297.	0.9	3
5	Hybrid Path Planning Algorithm Based on Membrane Pseudo-Bacterial Potential Field for Autonomous Mobile Robots. IEEE Access, 2019, 7, 156787-156803.	4.2	82
6	Pose Estimation in Noncontinuous Video Sequences Using Evolutionary Correlation Filtering. Mathematical Problems in Engineering, 2018, 2018, 1-13.	1.1	3
7	Three-dimensional pose tracking by image correlation and particle filtering. Optical Engineering, 2018, 57, 1.	1.0	9
8	Estimation of the 3D Pose of an Object Using Correlation Filters and CMA-ES. Lecture Notes in Computer Science, 2018, , 506-520.	1.3	0
9	Obstacle recognition for path planning in autonomous mobile robots. , 2016, , .		3
10	Fringe-projection method for three-dimensional digitization of human faces. , 2016, , .		1
11	Pose detection of a 3D object using template matched filtering. Proceedings of SPIE, 2016, , .	0.8	0
12	Accurate three-dimensional pose recognition from monocular images using template matched filtering. Optical Engineering, 2016, 55, 063102.	1.0	35
13	A 3D approach for object recognition in illuminated scenes with adaptive correlation filters. , 2015, , .		0
14	A roadmap to global illumination in 3D scenes: solutions for GPU object recognition applications. , 2014, , .		0
15	Target tracking in nonuniform illumination conditions using locally adaptive correlation filters. Optics Communications, 2014, 323, 32-43.	2.1	52
16	Real-time tracking of multiple objects using adaptive correlation filters with complex constraints. Optics Communications, 2013, 309, 265-278.	2.1	29