Pedro Gil-JimÃ©nez

List of Publications by Year
in descending order

18 papers	906 citations	1307594 7 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	628 citing authors

#	Article	IF	Citations
1	On-Board Correction of Systematic Odometry Errors in Differential Robots. Journal of Sensors, 2019, 2019, 1-8.	1.1	1
2	The challenge of simultaneous object detection and pose estimation: A comparative study. Image and Vision Computing, 2018, 79, 109-122.	4.5	12
3	Geometric bounding box interpolation: an alternative for efficient video annotation. Eurasip Journal on Image and Video Processing, 2016, 2016, .	2.6	7
4	Estimating the focus of expansion in a video sequence using the trajectories of interest points. Image and Vision Computing, 2016, 50, 14-26.	4.5	6
5	A "Salt and Pepper" Noise Reduction Scheme for Digital Images Based on Support Vector Machines Classification and Regression. Scientific World Journal, The, 2014, 2014, 1-15.	2.1	8
6	Heterogeneous Visual Codebook Integration Via Consensus Clustering for Visual Categorization. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1358-1368.	8.3	7
7	Hand Detection and Tracking Using the Skeleton of the Blob for Medical Rehabilitation Applications. Lecture Notes in Computer Science, 2012, , 130-137.	1.3	5
8	Evaluation of shape classification techniques based on the signature of the blob. Signal Processing, 2012, 92, 63-75.	3.7	3
9	Fast reciprocal nearest neighbors clustering. Signal Processing, 2012, 92, 270-275.	3.7	9
10	Clustering of Trajectories in Video Surveillance Using Growing Neural Gas. Lecture Notes in Computer Science, 2011, , 461-470.	1.3	5
11	Goal Evaluation of Segmentation Algorithms for Traffic Sign Recognition. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 917-930.	8.0	172
12	Fixed kernel regression for voltammogram feature extraction. Measurement Science and Technology, 2009, 20, 125202.	2.6	1
13	Continuous variance estimation in video surveillance sequences with high illumination changes. Signal Processing, 2009, 89, 1412-1416.	3.7	5
14	Traffic sign shape classification and localization based on the normalized FFT of the signature of blobs and 2D homographies. Signal Processing, 2008, 88, 2943-2955.	3.7	59
15	An intra-image tracking algorithm for traffic sign recognition. , 2008, , .		1
16	Fundaments in Luminance and Retroreflectivity Measurements of Vertical Traffic Signs Using a Color Digital Camera. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 607-615.	4.7	16
17	Road-Sign Detection and Recognition Based on Support Vector Machines. IEEE Transactions on Intelligent Transportation Systems, 2007, 8, 264-278.	8.0	577
18	Computer Algebra Algorithms Applied to Computer Vision in a Parking Management System. , 2007, , .		12