

Zhidong Deng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

394
citations

9
h-index

19
g-index

28
ext. papers

568
ext. citations

4.9
avg, IF

4.43
L-index

#	Paper	IF	Citations
20	Recent progress in semantic image segmentation. <i>Artificial Intelligence Review</i> , 2019 , 52, 1089-1106	9.7	134
19	Densely Connected CNN with Multi-scale Feature Attention for Text Classification 2018 ,		59
18	A Novel Dual Successive Projection-Based Model-Free Adaptive Control Method and Application to an Autonomous Car. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3444-3457	10.3	35
17	Segmentation of Drivable Road Using Deep Fully Convolutional Residual Network with Pyramid Pooling. <i>Cognitive Computation</i> , 2018 , 10, 272-281	4.4	31
16	Extrinsic calibration of a camera and a lidar based on decoupling the rotation from the translation 2012 ,		26
15	An Accurate GPS-IMU/DR Data Fusion Method for Driverless Car Based on a Set of Predictive Models and Grid Constraints. <i>Sensors</i> , 2016 , 16, 280	3.8	25
14	A CWT-based SSVEP classification method for brain-computer interface system 2010 ,		19
13	Detection and Recognition of Traffic Planar Objects Using Colorized Laser Scan and Perspective Distortion Rectification. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 1485-1495	6.1	12
12	Road curb detection using 3D lidar and integral laser points for intelligent vehicles 2012 ,		12
11	Event-related complexity analysis and its application in the detection of facial attractiveness. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450026	6.2	6
10	A robust pedestrian detection approach based on shapelet feature and Haar detector ensembles. <i>Tsinghua Science and Technology</i> , 2012 , 17, 40-50	3.4	6
9	C-HMAX: Artificial cognitive model inspired by the color vision mechanism of the human brain. <i>Tsinghua Science and Technology</i> , 2013 , 18, 51-56	3.4	5
8	Efficient reinforcement learning of a reservoir network model of parametric working memory achieved with a cluster population winner-take-all readout mechanism. <i>Journal of Neurophysiology</i> , 2015 , 114, 3296-305	3.2	4
7	A global and local condensation for lane tracking 2012 ,		4
6	A Structural Health Monitoring System Using Wireless Sensor Network 2009 ,		4
5	A new algorithm for computing the projection matrix between a LIDAR and a camera based on line correspondences 2012 ,		3
4	A new approach to solve the mission assignment problem for cooperative UCAVs using immune particle swarm optimizations 2012 ,		3

- 3 A Novel ncRNA Gene Prediction Approach Based on Fuzzy Neural Networks with Structure Learning. *International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010,* 2
- 2 A stochastic policy search model for matching behavior. *Science China Information Sciences, 2011,* 54, 1430-1443 3-4 1
- 1 A fuzzy model of predicting RNA secondary structure. *Science in China Series F: Information Sciences, 2007,* 50, 846-866 0