Zhidong Deng

List of Publications by Year in Descending Order

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	A Novel Dual Successive Projection-Based Model-Free Adaptive Control Method and Application to an Autonomous Car. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3444-3457	10.3	35
19	Recent progress in semantic image segmentation. *Artificial Intelligence Review*, **2019**, 52, 1089-1106	9.7	134
18	Detection and Recognition of Traffic Planar Objects Using Colorized Laser Scan and Perspective Distortion Rectification. *IEEE Transactions on Intelligent Transportation Systems*, **2018**, 19, 1485-1495	6.1	12
17	Densely Connected CNN with Multi-scale Feature Attention for Text Classification **2018**,		59
16	Segmentation of Drivable Road Using Deep Fully Convolutional Residual Network with Pyramid Pooling. *Cognitive Computation*, **2018**, 10, 272-281	4.4	31
15	An Accurate GPS-IMU/DR Data Fusion Method for Driverless Car Based on a Set of Predictive Models and Grid Constraints. *Sensors*, **2016**, 16, 280	3.8	25
14	Efficient reinforcement learning of a reservoir network model of parametric working memory achieved with a cluster population winner-take-all readout mechanism. *Journal of Neurophysiology*, **2015**, 114, 3296-305	3.2	4
13	Event-related complexity analysis and its application in the detection of facial attractiveness. *International Journal of Neural Systems*, **2014**, 24, 1450026	6.2	6
12	C-HMAX: Artificial cognitive model inspired by the color vision mechanism of the human brain. *Tsinghua Science and Technology*, **2013**, 18, 51-56	3.4	5
11	A robust pedestrian detection approach based on shapelet feature and Haar detector ensembles. *Tsinghua Science and Technology*, **2012**, 17, 40-50	3.4	6
10	Extrinsic calibration of a camera and a lidar based on decoupling the rotation from the translation **2012**,		26
9	A new algorithm for computing the projection matrix between a LIDAR and a camera based on line correspondences **2012**,		3
8	A global and local condensation for lane tracking **2012**,		4
7	A new approach to solve the mission assignment problem for cooperative UCAVs using immune particle swarm optimizations **2012**,		3
6	Road curb detection using 3D lidar and integral laser points for intelligent vehicles **2012**,		12
5	A stochastic policy search model for matching behavior. *Science China Information Sciences*, **2011**, 54, 1430-1443	3.4	1
4	A CWT-based SSVEP classification method for brain-computer interface system **2010**,		19

List of Publications

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 Structural Health Monitoring System Using Wireless Sensor Network **2009**,   4

1   A fuzzy model of predicting RNA secondary structure. *Science in China Series F: Information Sciences*, **2007**, 50, 846-866   0