

# Zhidong Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

690  
citations

1305906

8  
h-index

1427216

11  
g-index

35  
all docs

35  
docs citations

35  
times ranked

837  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Phase Space Reconstruction Network for Lane Intrusion Action Recognition. , 2021, , .                                                                                                                                             |     | 0         |
| 2  | A Deep Graph Wavelet Convolutional Neural Network for Semi-supervised Node Classification. , 2021, , .                                                                                                                            |     | 6         |
| 3  | Path tracking control of a self-driving wheel excavator via an enhanced data-driven model-free adaptive control approach. IET Control Theory and Applications, 2020, 14, 220-232.                                                 | 1.2 | 20        |
| 4  | Recent progress in semantic image segmentation. Artificial Intelligence Review, 2019, 52, 1089-1106.                                                                                                                              | 9.7 | 291       |
| 5  | Masked Label Learning for Optical Flow Regression. , 2018, , .                                                                                                                                                                    |     | 0         |
| 6  | Tightly-coupled convolutional neural network with spatial-temporal memory for text classification. , 2017, , .                                                                                                                    |     | 4         |
| 7  | Benchmark for road marking detection: Dataset specification and performance baseline. , 2017, , .                                                                                                                                 |     | 14        |
| 8  | Drivable Road Detection Based on Dilated FPN with Feature Aggregation. , 2017, , .                                                                                                                                                |     | 10        |
| 9  | SAM: A rethinking of prominent convolutional neural network architectures for visual object recognition. , 2016, , .                                                                                                              |     | 1         |
| 10 | Deep self-organizing reservoir computing model for visual object recognition. , 2016, , .                                                                                                                                         |     | 1         |
| 11 | 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, 3296-3305.                | 0.9 | 6         |
| 12 | A Computational Model of Match Decision-Making Problem Using Spiking SHESN with Reward-Modulated Reinforcement Learning. Lecture Notes in Computer Science, 2015, , 512-521.                                                      | 1.0 | 0         |
| 13 | Perspective distortion rectification for planar object based on LIDAR and camera data fusion. , 2014, , .                                                                                                                         |     | 4         |
| 14 | LIDAR and vision-based real-time traffic sign detection and recognition algorithm for intelligent vehicle. , 2014, , .                                                                                                            |     | 49        |
| 15 | A new fuzzy shape context approach based on multi-clue and state reservoir computing. , 2014, , .                                                                                                                                 |     | 3         |
| 16 | EVENT-RELATED COMPLEXITY ANALYSIS AND ITS APPLICATION IN THE DETECTION OF FACIAL ATTRACTIVENESS. International Journal of Neural Systems, 2014, 24, 1450026.                                                                      | 3.2 | 10        |
| 17 | An extended SHESN with leaky integrator neuron and inhibitory connection for Mackey-Glass prediction. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2012, 7, 200. | 0.6 | 0         |
| 18 | Gender, facial attractiveness, and early and late event-related potential components. Journal of Integrative Neuroscience, 2012, 11, 477-487.                                                                                     | 0.8 | 44        |

| #  | ARTICLE                                                                                                                                                    | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | A Novel Sequence Based Localization Approach for Wireless Sensor Networks. , 2009, , .                                                                     |     | 7         |
| 20 | Trading strategy design in financial investment through a turning points prediction scheme. Expert Systems With Applications, 2009, 36, 7818-7826.         | 4.4 | 27        |
| 21 | Anchor-Free Localization Method for Mobile Targets in Coal Mine Wireless Sensor Networks. Sensors, 2009, 9, 2836-2850.                                     | 2.1 | 43        |
| 22 | Application-oriented wireless sensor network communication protocols and hardware platforms: A survey. , 2008, , .                                         |     | 15        |
| 23 | A new dynamic Bayesian network for integrating multiple data in estimating gene networks. , 2007, , .                                                      |     | 3         |
| 24 | A Machine Learning Approach to Predict Turning Points for Chaotic Financial Time Series. , 2007, , .                                                       |     | 5         |
| 25 | Collective Behavior of a Small-World Recurrent Neural System With Scale-Free Distribution. IEEE Transactions on Neural Networks, 2007, 18, 1364-1375.      | 4.8 | 97        |
| 26 | IDENTIFYING BIOLOGICAL PATHWAYS VIA PHASE DECOMPOSITION AND PROFILE EXTRACTION. , 2006, , .                                                                |     | 1         |
| 27 | Complex Systems Modeling Using Scale-Free Highly-Clustered Echo State Network. , 2006, , .                                                                 |     | 2         |
| 28 | A Post-Resampling Based Particle Filter for Online Bayesian Estimation and Tracking. , 2006, , .                                                           |     | 4         |
| 29 | Cellular automaton modeling of computer network. Computer Physics Communications, 2002, 144, 243-251.                                                      | 3.0 | 8         |
| 30 | Spatio-temporal organization of a cellular automaton model for computer network. Computer Physics Communications, 2002, 144, 310-316.                      | 3.0 | 0         |
| 31 | Hyper-distributed hyper-parallel self-organizing dynamic scheduling based on solitary wave. Journal of Computer Science and Technology, 2001, 16, 434-442. | 0.9 | 0         |
| 32 | Analysis of power spectrum and type power law in a complex computer network model. Computer Physics Communications, 2001, 136, 225-235.                    | 3.0 | 10        |
| 33 | Behaviours of networks with different topologies and protocols. Computer Physics Communications, 2001, 141, 247-259.                                       | 3.0 | 5         |
| 34 | Asynchronous stochastic learning control with accelerative factor in multivariable systems. , 0, , .                                                       |     | 0         |
| 35 | Complex Systems Modeling Using Scale-Free Highly-Clustered Echo State Network. , 0, , .                                                                    |     | 0         |