Xiaobai Liu

List of Publications by Year
in descending order

19	854	933447	996975
papers	citations	10 h-index	15 g-index

21	21	21	1203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visual Classification With Multitask Joint Sparse Representation. IEEE Transactions on Image Processing, 2012, 21, 4349-4360.	9.8	368
2	Multi-view People Tracking via Hierarchical Trajectory Composition. , 2016, , .		91
3	Deep neural networks for automated detection of marine mammal species. Scientific Reports, 2020, 10, 607.	3.3	89
4	Human Re-identification by Matching Compositional Template with Cluster Sampling. , 2013, , .		54
5	Discrete Optimal Graph Clustering. IEEE Transactions on Cybernetics, 2020, 50, 1697-1710.	9.5	46
6	Adaptive Object Tracking by Learning Hybrid Template Online. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1588-1599.	8.3	30
7	Single-View 3D Scene Parsing by Attributed Grammar. , 2014, , .		27
8	Integrating Spatio-Temporal Context With Multiview Representation for Object Recognition in Visual Surveillance. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 393-407.	8.3	22
9	Single-View 3D Scene Reconstruction and Parsing by Attribute Grammar. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 710-725.	13.9	22
10	Improve automatic detection of animal call sequences with temporal context. Journal of the Royal Society Interface, 2021, 18, 20210297.	3.4	20
11	A Causal And-Or Graph Model for Visibility Fluent Reasoning in Tracking Interacting Objects. , 2018, , .		17
12	Learning Semisupervised Multilabel Fully Convolutional Network for Hierarchical Object Parsing. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1-10.	11.3	14
13	A Stochastic Attribute Grammar for Robust Cross-View Human Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2884-2895.	8.3	11
14	Learning Multi-Instance Deep Ranking and Regression Network for Visual House Appraisal. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1496-1506.	5.7	11
15	Revisiting Jump-Diffusion Process for Visual Tracking: A Reinforcement Learning Approach. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2431-2441.	8.3	9
16	A Hamiltonian Monte Carlo Method for Probabilistic Adversarial Attack and Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1725-1737.	13.9	9
17	Learning Deep Models from Synthetic Data for Extracting Dolphin Whistle Contours. , 2020, , .		7
18	Learning Adjustable Reduced Downsampling Network for Small Object Detection in Urban Environments. Remote Sensing, 2021, 13, 3608.	4.0	4

#	Article	IF	Citations
19	High-Precision Camera Localization in Scenes with Repetitive Patterns. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-21.	4.5	1