

Yingjie Lei

List of Publications by Year in descending order

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33
papers

1,072
citations

430874

18
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient 3D face recognition approach using local geometrical signatures. Pattern Recognition, 2014, 47, 509-524.	8.1	97
2	A Two-Phase Weighted Collaborative Representation for 3D partial face recognition with single sample. Pattern Recognition, 2016, 52, 218-237.	8.1	80
3	Deep Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5509-5521.	11.3	74
4	Deep gated attention networks for large-scale street-level scene segmentation. Pattern Recognition, 2019, 88, 702-714.	8.1	73
5	Non-rigid object tracking via deep multi-scale spatial-temporal discriminative saliency maps. Pattern Recognition, 2020, 100, 107130.	8.1	52
6	Binary Volumetric Convolutional Neural Networks for 3-D Object Recognition. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 38-48.	4.7	49
7	Towards using count-level weak supervision for crowd counting. Pattern Recognition, 2021, 109, 107616.	8.1	49
8	Hyperfusion-Net: Hyper-densely reflective feature fusion for salient object detection. Pattern Recognition, 2019, 93, 521-533.	8.1	46
9	Global Context Reasoning for Semantic Segmentation of 3D Point Clouds. , 2020, , .		45
10	Hierarchical Paired Channel Fusion Network for Street Scene Change Detection. IEEE Transactions on Image Processing, 2021, 30, 55-67.	9.8	45
11	A Generalized Framework for Edge-Preserving and Structure-Preserving Image Smoothing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 6631-6648.	13.9	39
12	Semi-supervised Crowd Counting via Self-training on Surrogate Tasks. Lecture Notes in Computer Science, 2020, , 242-259.	1.3	35
13	Cascaded Context Pyramid for Full-Resolution 3D Semantic Scene Completion. , 2019, , .		34
14	EI3D: Expression-invariant 3D face recognition based on feature and shape matching. Pattern Recognition Letters, 2016, 83, 403-412.	4.2	33
15	Semantic Context Encoding for Accurate 3D Point Cloud Segmentation. IEEE Transactions on Multimedia, 2021, 23, 2045-2055.	7.2	32
16	Global and Local Texture Randomization for Synthetic-to-Real Semantic Segmentation. IEEE Transactions on Image Processing, 2021, 30, 6594-6608.	9.8	31
17	Deep point-to-subspace metric learning for sketch-based 3D shape retrieval. Pattern Recognition, 2019, 96, 106981.	8.1	28
18	RAPNet: Residual Atrous Pyramid Network for Importance-Aware Street Scene Parsing. IEEE Transactions on Image Processing, 2020, 29, 5010-5021.	9.8	26

#	ARTICLE	IF	CITATIONS
19	Recognizing Objects in 3D Point Clouds with Multi-Scale Local Features. <i>Sensors</i> , 2014, 14, 24156-24173.	3.8	24
20	Mask-Aware Networks for Crowd Counting. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020, 30, 3119-3129.	8.3	23
21	Sparse-to-dense Feature Matching: Intra and Inter domain Cross-modal Learning in Domain Adaptation for 3D Semantic Segmentation. , 2021, , .		21
22	Looking for the Detail and Context Devils: High-Resolution Salient Object Detection. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 3204-3216.	9.8	19
23	Overcoming Long-Term Catastrophic Forgetting Through Adversarial Neural Pruning and Synaptic Consolidation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 4243-4256.	11.3	19
24	Integrating appearance features and soft biometrics for person re-identification. <i>Multimedia Tools and Applications</i> , 2017, 76, 12117-12131.	3.9	18
25	3DMAX-Net: A Multi-Scale Spatial Contextual Network for 3D Point Cloud Semantic Segmentation. , 2018, , .		17
26	Deep Multiphase Level Set for Scene Parsing. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 4556-4567.	9.8	15
27	An Efficient and Non-Time-Sensitive File-Aware Garbage Collection Algorithm for NAND Flash-Based Consumer Electronics. <i>IEEE Transactions on Consumer Electronics</i> , 2019, 65, 73-79.	3.6	13
28	Efficient rotation estimation for 3D registration and global localization in structured point clouds. <i>Image and Vision Computing</i> , 2017, 67, 52-66.	4.5	11
29	A Dynamic Parameter Enhanced Network for distant supervised relation extraction. <i>Knowledge-Based Systems</i> , 2020, 197, 105912.	7.1	10
30	Ground threat evaluation and jamming allocation model with Markov chain for aircraft. <i>IET Radar, Sonar and Navigation</i> , 2020, 14, 1039-1045.	1.8	7
31	Semantic Scene Labeling via Deep Nested Level Set. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 6853-6865.	8.0	4
32	Auto-ORVNet: Orientation-Boosted Volumetric Neural Architecture Search for 3D Shape Classification. <i>IEEE Access</i> , 2020, 8, 12942-12954.	4.2	2
33	An efficient 3D partial face recognition approach with single sample. , 2016, , .		1