Shiliang Pu

List of Publications by Year
in descending order

35 papers	1,316 citations	687220 13 h-index	580701 25 g-index
35 all docs	35 docs citations	35 times ranked	776 citing authors

#	ARTICLE	IF	CITATIONS
1	RangeLVDet: Boosting 3D Object Detection in LIDAR With Range Image and RGB Image. IEEE Sensors Journal, 2022, 22, 1391-1403.	2.4	18
2	Joint semantics and data-driven path representation for knowledge graph reasoning. Neurocomputing, 2022, 483, 249-261.	3.5	9
3	Efficient dual attention SlowFast networks for video action recognition. Computer Vision and Image Understanding, 2022, 222, 103484.	3.0	15
4	ATF-3D: Semi-Supervised 3D Object Detection With Adaptive Thresholds Filtering Based on Confidence and Distance. IEEE Robotics and Automation Letters, 2022, 7, 10573-10580.	3.3	6
5	Explore Video Clip Order With Self-Supervised and Curriculum Learning for Video Applications. IEEE Transactions on Multimedia, 2021, 23, 3454-3466.	5.2	8
6	FREE: A Fast and Robust End-to-End Video Text Spotter. IEEE Transactions on Image Processing, 2021, 30, 822-837.	6.0	14
7	Unsupervised object detection with scene-adaptive concept learning. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 638-651.	1.5	10
8	Breast mass detection in digital mammography based on anchor-free architecture. Computer Methods and Programs in Biomedicine, 2021, 205, 106033.	2.6	23
9	Associative affinity network learning for multi-object tracking. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 1194-1206.	1.5	2
10	RangeIoUDet: Range Image based Real-Time 3D Object Detector Optimized by Intersection over Union. , 2021, , .		37
11	Hierarchical Temporal Fusion of Multi-grained Attention Features for Video Question Answering. Neural Processing Letters, 2020, 52, 993-1003.	2.0	6
12	Distributed time-respecting flow graph pattern matching on temporal graphs. World Wide Web, 2020, 23, 609-630.	2.7	12
13	Cascade region proposal and global context for deep object detection. Neurocomputing, 2020, 395, 170-177.	3.5	32
14	Frame Augmented Alternating Attention Network for Video Question Answering. IEEE Transactions on Multimedia, 2020, 22, 1032-1041.	5.2	37
15	Text Perceptron: Towards End-to-End Arbitrary-Shaped Text Spotting. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 11899-11907.	3.6	55
16	Multi-Tasking U-Shaped Network for Benign and Malignant Classification of Breast Masses. IEEE Access, 2020, 8, 223396-223404.	2.6	7
17	Video question answering via grounded cross-attention network learning. Information Processing and Management, 2020, 57, 102265.	5.4	11
18	IROS 2019 Lifelong Robotic Vision: Object Recognition Challenge [Competitions]. IEEE Robotics and Automation Magazine, 2020, 27, 11-16.	2.2	9

#	Article	IF	Citations
19	Neural Inheritance Relation Guided One-Shot Layer Assignment Search. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 5158-5165.	3.6	4
20	Efficient Similarity Search on Quasi-Metric Graphs. IEEE Access, 2019, 7, 101496-101512.	2.6	2
21	Learning Incremental Triplet Margin for Person Re-Identification. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9243-9250.	3.6	29
22	You Only Recognize Once. , 2019, , .		18
23	Segregated Temporal Assembly Recurrent Networks for Weakly Supervised Multiple Action Detection. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9070-9078.	3.6	55
24	Efficient distributed reachability querying of massive temporal graphs. VLDB Journal, 2019, 28, 871-896.	2.7	15
25	Content-Aware Convolutional Neural Network for In-Loop Filtering in High Efficiency Video Coding. IEEE Transactions on Image Processing, 2019, 28, 3343-3356.	6.0	137
26	Robust fuzzy tracking control for flexible air-breathing hypersonic vehicles with measurement noises. Transactions of the Institute of Measurement and Control, 2019, 41, 3818-3835.	1.1	3
27	A Layer Decomposition-Recomposition Framework for Neuron Pruning towards Accurate Lightweight Networks. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 3355-3362.	3.6	10
28	Cross-Relation Cross-Bag Attention for Distantly-Supervised Relation Extraction. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 419-426.	3.6	42
29	Smart data driven traffic sign detection method based on adaptive color threshold and shape symmetry. Future Generation Computer Systems, 2019, 94, 381-391.	4.9	30
30	Adversarial Seeded Sequence Growing for Weakly-Supervised Temporal Action Localization. , 2019, , .		41
31	Edit Probability for Scene Text Recognition. , 2018, , .		109
32	AON: Towards Arbitrarily-Oriented Text Recognition. , 2018, , .		187
33	Estimation of crowd density in surveillance scenes based on deep convolutional neural network. Procedia Computer Science, 2017, 111, 154-159.	1.2	23
34	Focusing Attention: Towards Accurate Text Recognition in Natural Images. , 2017, , .		299
35	Application of digital holography to circle flow bed boiler measurement. Frontiers of Energy and Power Engineering in China, 2007, 1, 218-222.	0.4	1