Humphrey Shi

List of Publications by Year
in descending order

26 papers	3,070 citations	1163117 8 h-index	1588992 8 g-index
26 all docs	26 docs citations	26 times ranked	2322 citing authors

#	Article	IF	Citations
1	NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results. , 2017, , .		645
2	HigherHRNet: Scale-Aware Representation Learning for Bottom-Up Human Pose Estimation. , 2020, , .		413
3	Revisiting Dilated Convolution: A Simple Approach for Weakly- and Semi-Supervised Semantic Segmentation. , 2018, , .		349
4	Self-Similarity Grouping: A Simple Unsupervised Cross Domain Adaptation Approach for Person Re-Identification. , 2019, , .		325
5	Horizontal Pyramid Matching for Person Re-Identification. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8295-8302.	4.9	259
6	SpotTune: Transfer Learning Through Adaptive Fine-Tuning. , 2019, , .		195
7	Differential Treatment for Stuff and Things: A Simple Unsupervised Domain Adaptation Method for Semantic Segmentation. , 2020, , .		142
8	Revisiting RCNN: On Awakening the Classification Power of Faster RCNN. Lecture Notes in Computer Science, 2018, , 473-490.	1.3	125
9	SPGNet: Semantic Prediction Guidance for Scene Parsing. , 2019, , .		93
10	Balanced Two-Stage Residual Networks for Image Super-Resolution. , 2017, , .		70
11	Geometry-Aware Distillation for Indoor Semantic Segmentation. , 2019, , .		59
12	Deep learning-based automated image segmentation for concrete petrographic analysis. Cement and Concrete Research, 2020, 135, 106118.	11.0	58
13	Computed tomography super-resolution using convolutional neural networks. , 2017, , .		53
14	Adaptive Consistency Regularization for Semi-Supervised Transfer Learning. , 2021, , .		45
15	Weakly Supervised Scene Parsing with Point-Based Distance Metric Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8843-8850.	4.9	44
16	TS^{2}C: Tight Box Mining with Surrounding Segmentation Context for Weakly Supervised Object Detection. Lecture Notes in Computer Science, 2018, , 454-470.	1.3	40
17	When AWGN-Based Denoiser Meets Real Noises. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13074-13081.	4.9	35
18	Alleviating Semantic-level Shift: A Semi-supervised Domain Adaptation Method for Semantic Segmentation. , 2020, , .		27

#	ARTICLE	IF	CITATIONS
19	Motion Pyramid Networks for Accurate and Efficient Cardiac Motion Estimation. Lecture Notes in Computer Science, 2020, , 436-446.	1.3	23
20	Pseudo-IoU: Improving Label Assignment in Anchor-Free Object Detection. , 2021, , .		15
21	The 1st Tiny Object Detection Challenge: Methods and Results. Lecture Notes in Computer Science, 2020, , 315-323.	1.3	14
22	Geometry-Aware Traffic Flow Analysis by Detection and Tracking. , 2018, , .		12
23	A Multi-Mode Modulator for Multi-Domain Few-Shot Classification. , 2021, , .		12
24	A Novel Framework for 3D-2D Vertebra Matching. , 2019, , .		8
25	Human-Object Interaction Detection. , 2020, , .		7
26	Effective object detection from traffic camera videos. , 2017, , .		2