

Refereed Publications (346)

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- 1 2021 J. Bian, H. Zhan, N. Wang, Z. Li, L. Zhang, C. Shen, M. Cheng, I. Reid (2021), “Unsupervised scale-consistent depth learning from video”, *Int’l J. Computer Vision*.
- 2 Y. Liu, T. He, H. Chen, X. Wang, C. Luo, S. Zhang, C. Shen, L. Jin (2021), “Exploring the capacity of an orderless box discretization network for multi-orientation scene text detection”, *Int’l J. Computer Vision*.
- 3 Y. Zhao, C. Shen, X. Yu, H. Chen, Y. Gao, S. Xiong (2021), “Learning deep part-aware embedding for person retrieval”, *Pattern Recognition*.
- 4 L. Tian, P. Wang, G. Liang, C. Shen (2021), “An adversarial human pose estimation network injected with graph structure”, *Pattern Recognition*.
- 5 W. Yin, Y. Liu, C. Shen (2021), “Virtual normal: enforcing geometric constraints for accurate and robust depth prediction”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
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- 8 B. Zhuang, J. Liu, M. Tan, L. Liu, I. Reid, C. Shen (2021), “Effective training of convolutional neural networks with low-bitwidth weights and activations”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 9 2020 G. Pang, C. Shen, L. Cao, A. van den Hengel (2020), “Deep learning for anomaly detection: a review”, *ACM Computing Surveys*.
- 10 Y. Dai, H. Lu, C. Shen (2020), “Towards light-weight portrait matting via parameter sharing”, *Computer Graphics Forum*.
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- 15 G. Dong, Y. Yan, C. Shen, H. Wang (2020), “Real-time high-performance semantic image segmentation of urban street scenes”, *IEEE Trans. Intelligent Transportation Systems*.
- 16 L. Zhang, P. Wang, H. Li, Z. Li, C. Shen, Y. Zhang (2020), “A robust attentional framework for license plate recognition in the wild”, *IEEE Trans. Intelligent Transportation Systems*.
- 17 L. Liu, Z. Cao, H. Lu, H. Xiong, C. Shen (2020), “NSSNet: scale-aware object counting with non-scale suppression”, *IEEE Trans. Circuits and Systems for Video Technology*.
- 18 L. Zhang, P. Wang, L. Liu, C. Shen, W. Wei, Y. Zhang, A. van den Hengel (2020), “Towards effective deep embedding for zero-shot learning”, *IEEE Trans. Circuits and Systems for Video Technology*.
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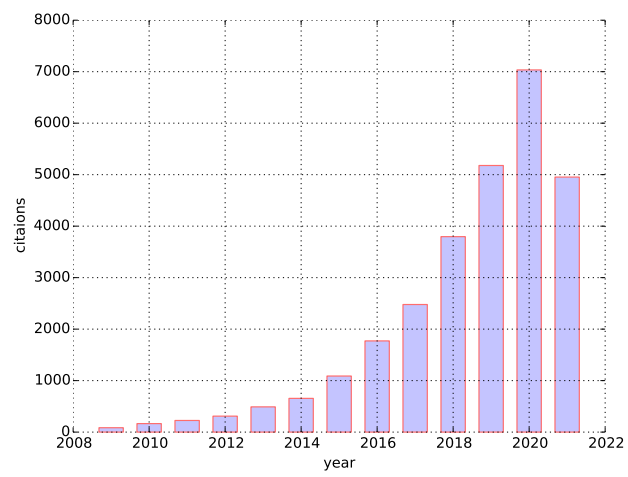


Figure 1: Google scholar citation as of 9-7-2021