

# Refereed Publications (344)

## REFEREED JOURNAL ARTICLES (142)

- 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*.
- 6 P. Wang, H. Li, C. Shen (2021), “[Towards end-to-end text spotting in natural scenes](#)”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 7 W. Wang, E. Xie, X. Li, X. Liu, D. Liang, Z. Yang, T. Lu, C. Shen (2021), “[PAN++: towards efficient and accurate end-to-end spotting of arbitrarily-shaped text](#)”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 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*.

## REFEREED TOP CONFERENCE ARTICLES IN COMPUTER VISION AND MACHINE LEARNING (132)

- *Proc. Annual Conf. Neural Information Processing Systems (NeurIPS)*
- *Proc. Int. Conf. Machine Learning (ICML)*
- *Proc. IEEE Conf. Computer Vision & Pattern Recognition (CVPR)*
- *Proc. Int. Conf. Computer Vision (ICCV)*
- *Proc. European Conf. Computer Vision (ECCV)*

## REFEREED MAJOR CONFERENCE ARTICLES IN ARTIFICIAL INTELLIGENCE AND ROBOTICS (28)

- *Proc. AAAI Conf. Artificial Intelligence (AAAI)*
- *Proc. Int. Joint Conf. Artificial Intelligence (IJCAI)*
- *Proc. ACM SIGKDD Conf. Knowledge Discovery and Data Mining (KDD)*
- *Proc. IEEE Int. Conf. Robotics & Automation (ICRA)*
- *Proc. British Machine Vision Conf. (BMVC)*
- *Proc. ACM Int. Conf. Multimedia (ACM MM)*
- *Proc. Int. Conf. Medical Image Computing and Computer Assisted Intervention (MICCAI)*

- 1 2021 X. Zhang, X. Wang, J. Bian, C. Shen, M. You (2021), “[Diverse knowledge distillation for end-to-end person search](#)”, In: *Proc. AAAI Conf. Artificial Intelligence (AAAI’21)*.
- 2 C. Liu, P. Chen, B. Zhuang, C. Shen, B. Zhang, W. Ding (2021), “[SA-BNN: state-aware binary neural network](#)”, In: *Proc. AAAI Conf. Artificial Intelligence (AAAI’21)*.

## REFEREED OTHER MISCELLANEOUS CONFERENCE ARTICLES (42)

GOOGLE SCHOLAR CITATION (*h-index*: 84; *citations*: 28924)

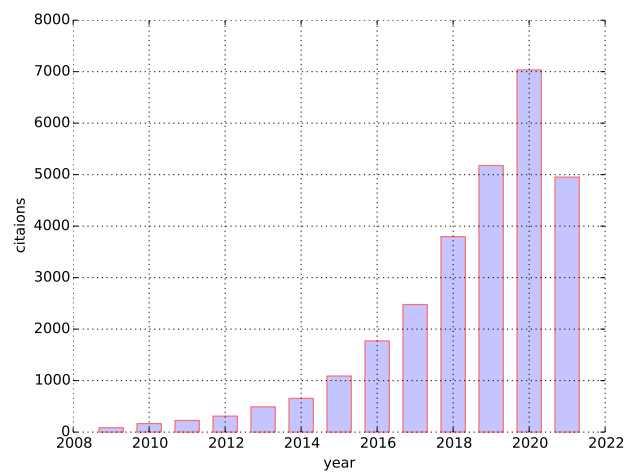


Figure 1: Google scholar citation as of 9-7-2021