Refereed Publications (344)

Refereed Journal Articles (142)

- J. Bian, H. Zhan, N. Wang, Z. Li, L. Zhang, <u>C. Shen</u>, M. Cheng, I. Reid (2021), "Unsupervised scale-consistent depth learning from video", *Int'l J. Computer Vision*.
- Y. Liu, T. He, H. Chen, X. Wang, C. Luo, S. Zhang, <u>C. Shen</u>, L. Jin (2021), "Exploring the capacity of an orderless box discretization network for multi-orientation scene text detection", *Int'l J. Computer Vision*.
- Y. Zhao, C. Shen, X. Yu, H. Chen, Y. Gao, S. Xiong (2021), "Learning deep part-aware embedding for person retrieval", *Pattern Recognition*.
- L. Tian, P. Wang, G. Liang, <u>C. Shen</u> (2021), "An adversarial human pose estimation network injected with graph structure", *Pattern Recognition*.
- 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*.
- P. Wang, H. Li, C. Shen (2021), "Towards end-to-end text spotting in natural scenes", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
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- B. Zhuang, J. Liu, M. Tan, L. Liu, I. Reid, <u>C. Shen</u> (2021), "Effective training of convolutional neural networks with low-bitwidth weights and activations", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- G. Pang, <u>C. Shen</u>, L. Cao, A. van den Hengel (2020), "Deep learning for anomaly detection: a review", *ACM Computing Surveys*.
- Y. Dai, H. Lu, <u>C. Shen</u> (2020), "Towards light-weight portrait matting via parameter sharing", *Computer Graphics Forum*.
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- L. Zhang, P. Wang, L. Liu, <u>C. Shen</u>, 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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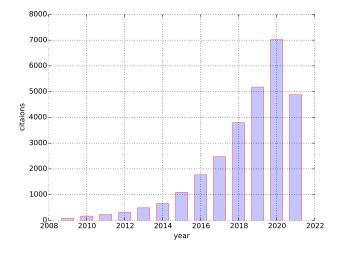


Figure 1: Google scholar citation as of $7 \cdot 7 \cdot 2021$

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