

## Refereed Publications (338)

### REFEREED JOURNAL ARTICLES (137)

- 1 2021 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*.
- 2 Y. Zhao, C. Shen, X. Yu, H. Chen, Y. Gao, S. Xiong (2021), “Learning deep part-aware embedding for person retrieval”, *Pattern Recognition*.
- 3 L. Tian, P. Wang, G. Liang, C. Shen (2021), “An adversarial human pose estimation network injected with graph structure”, *Pattern Recognition*.
- 4 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*.
- 5 2020 G. Pang, C. Shen, L. Cao, A. van den Hengel (2020), “Deep learning for anomaly detection: a review”, *ACM Computing Surveys*.
- 6 Y. Dai, H. Lu, C. Shen (2020), “Towards light-weight portrait matting via parameter sharing”, *Computer Graphics Forum*.
- 7 C. Luo, Q. Lin, Y. Liu, L. Jin, C. Shen (2020), “Separating content from style using adversarial learning for recognizing text in the wild”, *Int’l J. Computer Vision*.
- 8 H. Xiong, Z. Cao, H. Lu, S. Madec, L. Liu, C. Shen (2020), “TasselNetv2: in-field counting of wheat spikes with context-augmented local regression networks”, *Plant Methods*.
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- 17 Y. Xie, J. Zhang, Y. Xia, C. Shen (2020), “A mutual bootstrapping model for automated skin lesion segmentation and classification”, *IEEE Trans. Medical Imaging*.
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- 24 J. Cao, Y. Guo, Q. Wu, C. Shen, J. Huang, M. Tan (2020), “Improving generative adversarial networks with local coordinate coding”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
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- 26 Y. Liu, C. Shun, J. Wang, C. Shen (2020), “Structured knowledge distillation for dense prediction”, *IEEE*

- 27 Y. Zhou, R. Ji, J. Su, X. Sun, D. Meng, Y. Gao, C. Shen (2020), “Plenty is plague: fine-grained learning for visual question answering”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
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- 35 Y. Zhao, C. Shen, H. Wang, S. Chen (2019), “Structural analysis of attributes for vehicle re-identification and retrieval”, *IEEE Trans. Intelligent Transportation Systems*.
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- 39 H. Zhang, Y. Li, Y. Jiang, P. Wang, Q. Shen, C. Shen (2019), “Hyperspectral classification based on lightweight 3D-CNN with transfer learning”, *IEEE Trans. Geoscience and Remote Sensing*.
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- 48 X. Wei, C. Zhang, J. Wu, C. Shen, Z. Zhou (2018), “Unsupervised object discovery and co-localization by deep descriptor transforming”, *Pattern Recognition*.
- 49 N. Zhuang, Y. Yan, S. Chen, H. Wang, C. Shen (2018), “Multi-label learning based deep transfer neural network for facial attribute classification”, *Pattern Recognition*.
- 50 H. Li, P. Wang, C. Shen (2018), “Towards end-to-end car license plates detection and recognition with deep neural networks”, *IEEE Trans. Intelligent Transportation Systems*.
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# REFEREED TOP CONFERENCE ARTICLES IN COMPUTER VISION AND MACHINE LEARNING (132)

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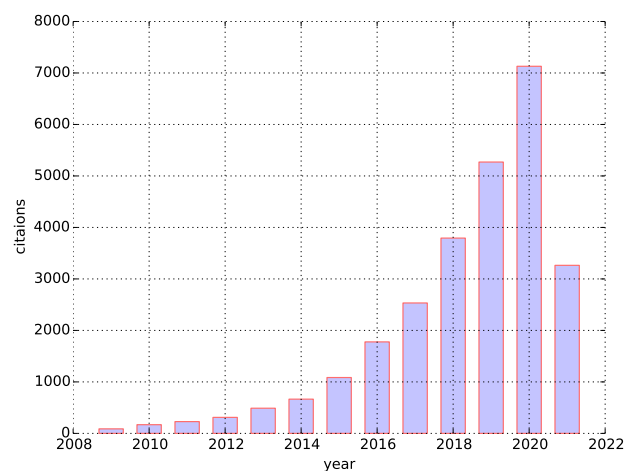


Figure 1: Google scholar citation as of 17.5.2021