

Refereed Publications (374)

REFEREED JOURNAL ARTICLES (156)

- 1 2022 Y. Cai, Y. Liu, C. L. Jin, Y. Li, D. Ergu (2022), “Arbitrarily shaped scene text detection with dynamic convolution”, *Pattern Recognition*.
- 2 L. Cheng, P. Fang, Y. Liang, L. Zhang, C. Shen, H. Wang (2022), “TSGB: target-selective gradient backprop for probing CNN visual saliency”, *IEEE Trans. Image Processing*.
- 3 Z. Tian, B. Zhang, H. Chen, C. Shen (2022), “Instance and panoptic segmentation using conditional convolutions”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 4 L. Sun, W. Yin, E. Xie, Z. Li, C. Sun, C. Shen (2022), “Improving monocular visual odometry using learned depth”, *IEEE Trans. Robotics*.
- 5 2021 Y. Cui, D. Guo, Y. Shao, Z. Wang, C. Shen, L. Zhang, S. Chen (2021), “Joint classification and regression for visual tracking with fully convolutional Siamese networks”, *Int’l J. Computer Vision*.
- 6 H. Zhang, Y. Li, H. Chen, C. Gong, Z. Bai, C. Shen (2021), “Memory-efficient hierarchical neural architecture search for image restoration”, *Int’l J. Computer Vision*.
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- 8 C. Yu, C. Gao, J. Wang, G. Yu, C. Shen, N. Sang (2021), “BiSeNet v2: bilateral network with guided aggregation for real-time semantic segmentation”, *Int’l J. Computer Vision*.
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- 13 Y. Zhao, C. Shen, X. Yu, H. Chen, Y. Gao, S. Xiong (2021), “Learning deep part-aware embedding for person retrieval”, *Pattern Recognition*.
- 14 L. Tian, P. Wang, G. Liang, C. Shen (2021), “An adversarial human pose estimation network injected with graph structure”, *Pattern Recognition*.
- 15 Y. Xie, J. Zhang, Z. Liao, J. Verjans, C. Shen, Y. Xia (2021), “Intra- and inter-pair consistency for semi-supervised gland segmentation”, *IEEE Trans. Image Processing*.
- 16 J. Bian, H. Zhan, N. Wang, T. Chin, C. Shen, I. Reid (2021), “Auto-rectify network for unsupervised indoor depth estimation”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 17 X. Wang, R. Zhang, C. Shen, T. Kong, L. Li (2021), “SOLO: a simple framework for instance segmentation”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
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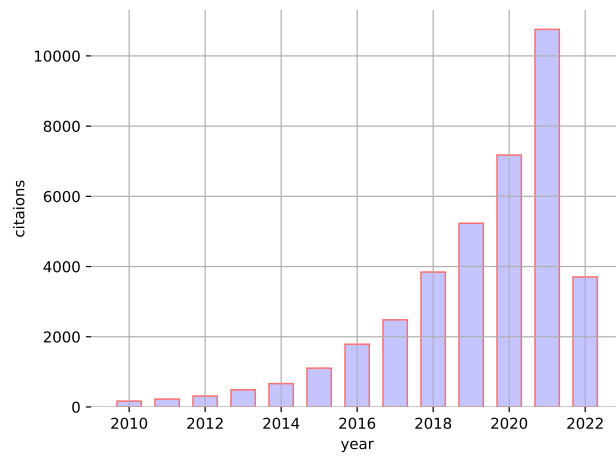


Figure 1: Google scholar citation as of 28.4.2022