

## Refereed Publications (355)

### REFEREED JOURNAL ARTICLES (145)

- 1 2021 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*.
- 2 N. Wang, Y. Gao, H. Chen, P. Wang, Z. Tian, C. Shen, Y. Zhang (2021), “[NAS-FCOS: efficient search for object detection architectures](#)”, *Int’l J. Computer Vision*.
- 3 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*.
- 4 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*.
- 5 Y. Zhao, X. Yu, Y. Gao, C. Shen (2021), “[Learning discriminative region representation for person retrieval](#)”, *Pattern Recognition*.
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- 13 Y. Dai, H. Lu, C. Shen (2020), “[Towards light-weight portrait matting via parameter sharing](#)”, *Computer Graphics Forum*.
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- 15 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*.
- 16 Y. Zhao, Y. Liu, C. Shen, Y. Gao, S. Xiong (2020), “[MobileFAN: transferring deep hidden representation for face alignment](#)”, *Pattern Recognition*.
- 17 X. Zhang, R. Zhang, J. Cao, D. Gong, M. You, C. Shen (2020), “[Part-guided attention learning for vehicle instance retrieval](#)”, *IEEE Trans. Intelligent Transportation Systems*.
- 18 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*.
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- 26 Y. Yan, Y. Huang, S. Chen, C. Shen, H. Wang (2020), “[Joint deep learning of facial expression synthesis](#)

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P. Zhang, W. Liu, H. Lu, C. Shen (2019), “Salient object detection with lossless feature reflection and weighted structural loss”, *IEEE Trans. Image Processing*.

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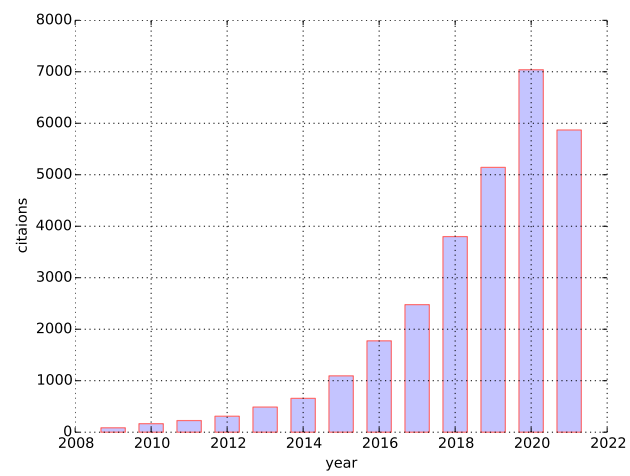


Figure 1: Google scholar citation as of 15.8.2021