Refereed Publications (367)

Refereed journal articles (155)

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 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*.

5 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*.

6 Q. Yan, D. Gong, Q. Shi, A. van den Hengel, C. Shen, I. Reid, Y. Zhang (2021), "A dual-attention-guided network for ghost-free high dynamic range imaging", *Int'l J. Computer Vision*.

7 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*.

8 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*.

9 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*.

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16 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*.

17 Y. Liu, C. Shen, L. Jin, T. He, P. Chen, C. Liu, H. Chen (2021), "ABCNet v2: adaptive bezier-curve network for real-time end-to-end text spotting", *IEEE Trans. Pattern Analysis and Machine Intelligence*.

18 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*.

19 P. Wang, H. Li, C. Shen (2021), "Towards end-to-end text spotting in natural scenes", *IEEE Trans. Pattern Analysis and Machine Intelligence*.

20 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*.

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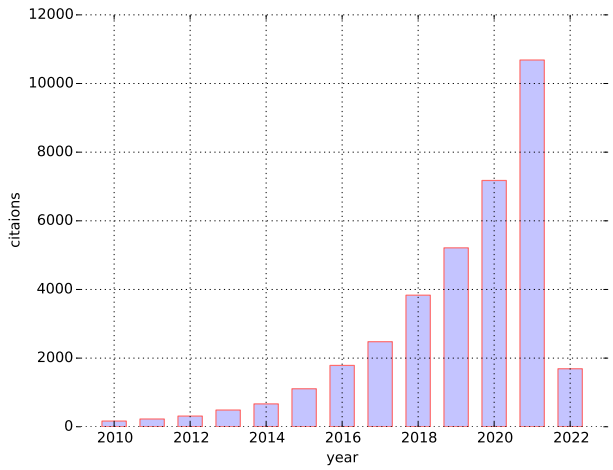

Figure 1: Google scholar citation as of 3·3·2022