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*.

7 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*.

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9 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*.

10 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*.

11 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*.

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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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19 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*.

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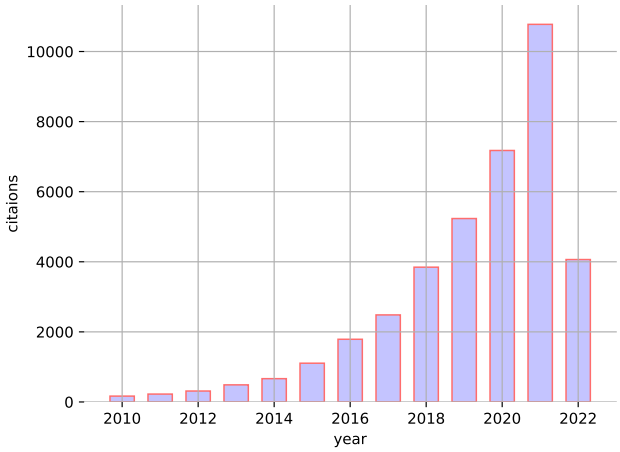

Figure 1: Google scholar citation as of 9·5·2022