

Refereed Publications (440)

REFEREED JOURNAL ARTICLES (178)

- 1 2024 W. Wu, C. Shen, Y. Cai, D. Zhang, Y. Fu, P. Luo, H. Zhou (2024), “End-to-end video text spotting with Transformer”, *Int’l J. Computer Vision*.
- 2 W. Yin, Y. Liu, C. Shen, B. Sun, A. van den Hengel (2024), “Scaling up multi-domain semantic segmentation with sentence embeddings”, *Int’l J. Computer Vision*.
- 3 Y. Liu, X. Wang, M. Zhu, Y. Cao, T. Huang, C. Shen (2024), “Masked channel modeling for bootstrapping visual pre-training”, *Int’l J. Computer Vision*.
- 4 K. Xian, Z. Cao, C. Shen, G. Lin (2024), “Towards robust monocular depth estimation: a new baseline and benchmark”, *Int’l J. Computer Vision*.
- 5 R. Li, C. Zhang, Z. Wang, C. Shen, G. Lin (2024), “Self-supervised 3d scene flow estimation and motion prediction using local rigidity prior”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 6 2023 M. Lin, M. Chen, Y. Zhang, C. Shen, R. Ji, L. Cao (2023), “Super vision transformer”, *Int’l J. Computer Vision*.
- 7 H. Xiong, H. Lu, C. Liu, L. Liu, C. Shen, Z. Cao (2023), “From open set to closed set: supervised spatial divide-and-conquer for object counting”, *Int’l J. Computer Vision*.
- 8 Y. Yan, Y. Shu, S. Chen, J. Xue, C. Shen, H. Wang (2023), “SPL-Net: spatial-semantic patch learning network for facial attribute recognition with limited labeled data”, *Int’l J. Computer Vision*.
- 9 B. Zhang, L. Liu, M. Phan, Z. Tian, C. Shen, Y. Liu (2023), “SegViT v2: exploring efficient and continual semantic segmentation with plain vision transformers”, *Int’l J. Computer Vision*.
- 10 Y. Xi, H. Chen, N. Wang, P. Wang, Y. Zhang, C. Shen, Y. Liu (2023), “A dynamic feature interaction framework for multi-task visual perception”, *Int’l J. Computer Vision*.
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- 12 L. Sun, J. Bian, H. Zhan, W. Yin, I. Reid, C. Shen (2023), “SC-DepthV3: robust self-supervised monocular depth estimation for dynamic scenes”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 13 Y. Liu, J. Zhang, D. Peng, M. Huang, X. Wang, J. Tang, C. Huang, D. Lin, C. Shen, X. Bai, L. Jin (2023), “SPTS v2: single-point scene text spotting”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 14 J. Liu, B. Zhuang, P. Chen, C. Shen, J. Cai, M. Tan (2023), “Single-path bit sharing for automatic loss-aware model compression”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 15 Y. Xie, J. Zhang, Y. Xia, C. Shen (2023), “Learning from partially labeled data for multi-organ and tumor segmentation”, *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- 16 2022 L. Wang, H. Zhang, Q. Xiao, H. Xu, C. Shen, X. Jin (2022), “Effective eyebrow matting with domain adaptation”, *Computer Graphics Forum*.
- 17 B. Zhuang, C. Shen, M. Tan, P. Chen, L. Liu, I. Reid (2022), “Structured binary neural networks for image recognition”, *Int’l J. Computer Vision*.
- 18 Y. Cai, Y. Liu, C. L. Jin, Y. Li, D. Ergu (2022), “Arbitrarily shaped scene text detection with dynamic convolution”, *Pattern Recognition*.
- 19 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*.
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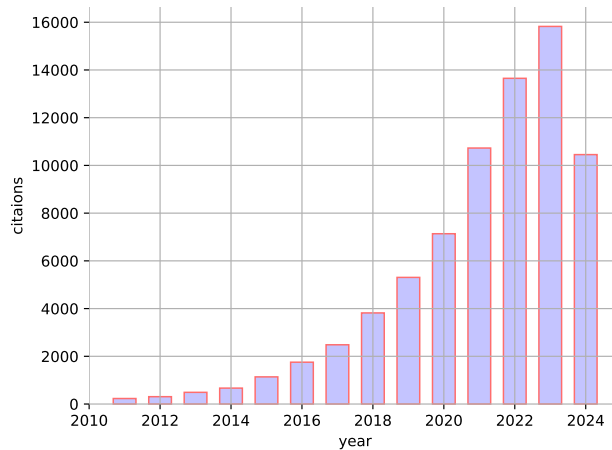


Figure 1: Google scholar citation as of 2·8·2024