## Refereed Publications (442)

Refereed Journal Articles (180)

- W. Wu, <u>C. Shen</u>, Y. Cai, D. Zhang, Y. Fu, P. Luo, H. Zhou (2024), "End-to-end video text spotting with Transformer", *Int'l J. Computer Vision*.
- W. Yin, Y. Liu, <u>C. Shen</u>, B. Sun, A. van den Hengel (2024), "Scaling up multi-domain semantic segmentation with sentence embeddings", *Int'l J. Computer Vision*.
- Y. Liu, X. Wang, M. Zhu, Y. Cao, T. Huang, <u>C. Shen</u> (2024), "Masked channel modeling for bootstrapping visual pre-training", *Int'l J. Computer Vision*.
- K. Xian, Z. Cao, <u>C. Shen</u>, G. Lin (2024), "Towards robust monocular depth estimation: a new baseline and benchmark", *Int'l J. Computer Vision*.
- H. Li, J. Hu, B. Li, H. Chen, Y. Zheng, <u>C. Shen</u> (2024), "Target before shooting: accurate anomaly detection and localization under one millisecond via cascade patch retrieval", *IEEE Trans. Image Processing*.
- M. Hu, W. Yin, C. Zhang, Z. Cai, X. Long, H. Chen, K. Wang, G. Yu, <u>C. Shen</u>, S. Shen (2024), "Metric3D v2: a versatile monocular geometric foundation model for zero-shot metric depth and surface normal estimation", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- R. Li, C. Zhang, Z. Wang, <u>C. Shen</u>, G. Lin (2024), "Self-supervised 3d scene flow estimation and motion prediction using local rigidity prior", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- M. Lin, M. Chen, Y. Zhang, <u>C. Shen</u>, R. Ji, L. Cao (2023), "Super vision transformer", *Int'l J. Computer Vision*.
- H. Xiong, H. Lu, C. Liu, L. Liu, <u>C. Shen</u>, Z. Cao (2023), "From open set to closed set: supervised spatial divide-and-conquer for object counting", *Int'l J. Computer Vision*.
- Y. Yan, Y. Shu, S. Chen, J. Xue, <u>C. Shen</u>, H. Wang (2023), "SPL-Net: spatial-semantic patch learning network for facial attribute recognition with limited labeled data", *Int'l J. Computer Vision*.
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- Y. Xi, H. Chen, N. Wang, P. Wang, Y. Zhang, <u>C. Shen</u>, Y. Liu (2023), "A dynamic feature interaction framework for multi-task visual perception", *Int'l J. Computer Vision*.
- N. Sai, J. Bockman, H. Chen, N. Watson-Haigh, B. Xu, X. Feng, A. Piechatzek, <u>C. Shen</u>, M. Gilliham (2023), "SAI: an efficient and user-friendly tool for measurement of stomatal pores and density using deep computer vision", *New Phytologist*.
- L. Sun, J. Bian, H. Zhan, W. Yin, I. Reid, <u>C. Shen</u> (2023), "SC-DepthV3: robust self-supervised monocular depth estimation for dynamic scenes", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- Y. Liu, J. Zhang, D. Peng, M. Huang, X. Wang, J. Tang, C. Huang, D. Lin, <u>C. Shen</u>, X. Bai, L. Jin (2023), "SPTS v2: single-point scene text spotting", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- J. Liu, B. Zhuang, P. Chen, <u>C. Shen</u>, J. Cai, M. Tan (2023), "Single-path bit sharing for automatic loss-aware model compression", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- Y. Xie, J. Zhang, Y. Xia, <u>C. Shen</u> (2023), "Learning from partially labeled data for multi-organ and tumor segmentation", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
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- 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*.
- Y. Cai, Y. Liu, C. L. Jin, Y. Li, D. Ergu (2022), "Arbitrarily shaped scene text detection with dynamic convolution", *Pattern Recognition*.
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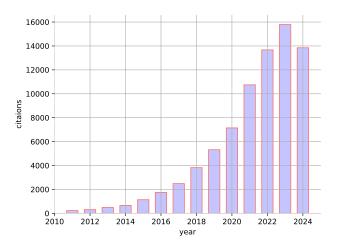


Figure 1: Google scholar citation as of 13·10·2024