# Refereed Publications (459)

Refereed Journal Articles (184)

- W. Wu, Z. Li, Y. He, M. Shou, <u>C. Shen</u>, L. Cheng, Y. Li, T. Gao, Z. Di (2025), "Paragraph-to-image generation with information-enriched diffusion model", *Int'l J. Computer Vision*.
- H. Zhu, H. Yang, X. Wu, D. Huang, S. Zhang, X. He, H. Zhao, <u>C. Shen</u>, Y. Qiao, T. He, W. Ouyang (2025), "PonderV2: pave the way for 3D foundation model with a universal pre-training paradigm", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- Y. Liu, M. Huang, H. Yan, L. Deng, W. Wu, H. Lu, <u>C. Shen</u>, L. Jin, X. Bai (2025), "VimTS: a unified video and image text spotter for enhancing the cross-domain generalization", *IEEE Trans. Pattern Analysis and Machine Intelligence*.
- W. Wang, C. Zhao, H. Chen, Z. Chen, K. Zheng, <u>C. Shen</u> (2024), "AutoStory: generating diverse storytelling images with minimal human effort", *Int'l J. Computer Vision*.
- 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, C. Shen, 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), "Metric<sub>3</sub>D v<sub>2</sub>: 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, 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*.
- 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*.
- B. Zhang, L. Liu, M. Phan, Z. Tian, <u>C. Shen</u>, Y. Liu (2023), "SegViT v2: exploring efficient and continual semantic segmentation with plain vision transformers", *Int'l J. Computer Vision*.
- 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*.
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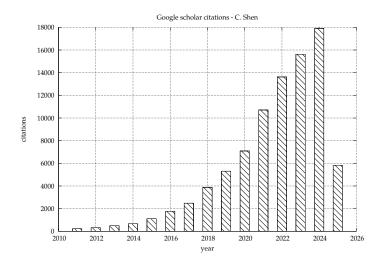


Figure 1: Google scholar citation as of 5.5.2025