Refereed Publications (444)

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*.
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- 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*.
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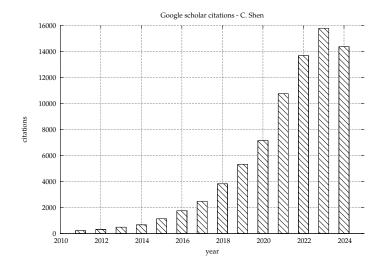


Figure 1: Google scholar citation as of 29·10·2024