

WANG LU

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EDUCATION EXPERIENCE

Shanghai Jiao Tong University (SJTU), Shanghai, China

Sept. 2016 - Mar. 2022

Department of Automation

- *Ph.D.* in Pattern Recognition and Intelligent Systems

Supervisor: Prof. Jie Yang

Harbin Institute of Technology (HIT), Harbin, China

Sept. 2012 - Jun. 2016

Department of Electronic Information Engineering

- *B.Eng.* in Electronic Information Engineering

WORK EXPERIENCE

SenseTime Shanghai, China

Apr. 2022 – Present

Computer Vision Researcher Supervisor: Lewei Lu

- Road marker detection in automatic road detection.

RESEARCH INTEREST

I'm generally interested in **machine learning**, **cross-modal hashing learning** for cross-modal information retrieval in large-scale multi-modal datasets, and **object detection** in computer vision.

SELECTED PUBLICATIONS

- **Lu Wang**, Chao Ma, Enmei Tu, Jie Yang, Nikola Kasabov. Discrete Sparse Hashing for Cross-modal Similarity Search. In 2018 25th International Conference on Neural Information Processing (ICONIP), pp. 256-267, doi: 10.1007/978-3-030-04212-7_22, 2018.
- **Lu Wang**, Yang J, Zareapoor M, et al. Cluster-wise Unsupervised Hashing for Cross-modal Similarity Search[J]. Pattern Recognition (PR), 2021, 111:107732, doi: 10.1016/j.patcog.2020.107732.
- **Lu Wang**, Masoumeh Zaareapoor, Jie Yang, Zhonglong Zheng. Asymmetric Correlation Quantization Hashing for Cross-modal Retrieval[J]. IEEE Transactions on Multimedia (TMM), doi: 10.1109/TMM.2021.3105824.
- **王露**, 刘明娜, 杨杰. 基于对比度和梯度分布的红外弱小目标检测 [J]. 上海航天, 2019, 36(05): 89-93, doi: 10.19328/j.cnki.1006-1630.2019.05.012.
- Yueyang Gu, Yu Qiao, Kuan Xu, Jie Yang, Jiaxuan Xie, **Lu Wang**, Mingna Liu. "Robust Object Tracking via Hierarchical Estimation in SiamFC Network." In 2019 26th International Conference on Neural Information Processing (ICONIP), pp. 17-24, 2019.

PATENTS

- 利用可见光目标图像进行相应红外目标图像的识别方法. 申请人: 杨杰, **王露**. 申请号: CN201810683 653.2. 公开号: CN109117850A. 授权号: CN109117B.

SKILLS

- Programming Languages: Python, C
- Languages: English - Fluent.

ACADEMIC SERVICES

- Journal Reviewers
Neurocomputing, Pattern Recognition Letters.