

HAO TANG

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EDUCATION

Nanjing University of Science and Technology School of Computer Science and Engineering Intelligent Media Analysis Group, Ph.D Candidate Supervised by Prof. Jinhui Tang	Nanjing China <i>Sep. 2018 - 2022</i>
Harbin Engineering University College of Automation, B.S. in Engineering Science Advisor: Prof. Zhi Zhang	Harbin China <i>Sep. 2014 - Jun. 2018</i>

RESEARCH INTERESTS

Learning From Limited or Imperfect Data

Multimedia: Zero/Few-shot Learning, Fine-Grained Visual Classification/Retrieval

Computer Vision: Weakly-supervised Object Localization/Detection/Segmentation

SELECTED PUBLICATIONS

Complementary Triple-Decoder Network for Robust RGB-T Salient Object Detection <i>Hao Tang, Zechao Li, Di Wang, Dong Zhang, and Jinhui Tang</i>	<i>Under Review, 2023</i>
IEEE Transactions on Pattern Analysis and Machine Intelligence	
Erasing, Transforming, and Noising Defense Network for Occluded Person Re-Identification <i>Neng Dong, Liyan Zhang, Shuanglin Yan, Hao Tang, and Jinhui Tang</i>	<i>Under Review, 2022</i>
IEEE Transactions on Information Forensics & Security	
Image-Specific Information Suppression and Implicit Local Alignment for Text-based Person Search <i>Shuanglin Yan, Hao Tang, Liyan Zhang, and Jinhui Tang</i>	<i>Under Review, 2022</i>
IEEE Transactions on Neural Networks and Learning Systems	
Knowledge-Guided Semantic Transfer Network for Few-Shot Image Recognition <i>Zechao Li, Hao Tang, Zhimao Peng, Guo-jun Qi, and Jinhui Tang</i>	<i>Under Review, 2022</i>
IEEE Transactions on Neural Networks and Learning Systems	
Boosting Few-shot Fine-grained Recognition with Background Suppression and Foreground Alignment <i>Zican Zha, Hao Tang, Yunlian Sun, and Jinhui Tang</i>	
IEEE Transactions on Circuits and Systems for Video Technology 2023	
Learning Attention-Guided Pyramidal Features for Few-shot Fine-grained Recognition <i>Hao Tang, Chengcheng Yuan, Zechao Li, and Jinhui Tang (extension of conference paper)</i>	
International Joint Conference on Artificial Intelligence (IJCAI) LTDL Workshop 2021 (Best Paper Award) Pattern Recognition 2022	
BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning <i>Hao Tang, Zechao Li, Zhimao Peng, and Jinhui Tang</i>	
ACM International Conference on Multimedia (ACM MM) 2020 (Oral Presentation)	

AWARDS AND HONORS

Best Paper Award at Long-Tailed Distribution Learning Workshop, IJCAI 2021	Aug. 2021
Excellent Ph.D. Students Sponsorship Program of NJUST	Jun. 2021
The First Prize Scholarship of NJUST	Sep. 2018 - 2022
Outstanding Graduates and Excellent Bachelor Thesis Award of HEU	Jun. 2018
The First-class Innovation Scholarship of MIIT (China)	Nov. 2017

Journal Reviewers

- IEEE Transactions on Pattern Analysis and Machine Intelligence
- IEEE Transactions on Neural Networks and Learning Systems
- IEEE Transactions on Multimedia
- The Visual Computer
- KSII Transactions on Internet and Information Systems

Conference Reviewers

- ACM International Conference on Multimedia (ACM MM) 2021 - 2022
- Association for the Advancement of Artificial Intelligence (AAAI) 2021 - 2023