

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

Sep. 2018 - Present

Harbin Engineering University
College of Automation, B.S. in Engineering Science
Advisor: Prof. Zhi Zhang

Harbin China

Sep. 2014 - Jun. 2018

SKILL

Programming: C/C++, Python(PyTorch, TensorFlow), Matlab, Caffe

Knowledge: Docker, Git

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

PUBLICATIONS

Knowledge-Guided Semantic Transfer Network for Few-Shot Image Recognition

Zechao Li, Hao Tang, Zhimao Peng, Guo-jun Qi, and Jinhui Tang

Under Review, 2021

See Closer Know Better: Object-aware Alignment Network For Few-shot Fine-grained Recognition

Zican Zha, Hao Tang* and Yunlian Sun (* equal contribution)*

Under Review, 2021

Learning Attention-Guided Pyramidal Features for Few-shot Fine-grained Recognition

Hao Tang, Chengcheng Yuan, Zechao Li and Jinhui Tang (extension of conference paper)

Under Review, 2021

Learning Attention-Guided Pyramidal Features for Few-shot Fine-grained Recognition

Chengcheng Yuan, Hao Tang*, Dong Zhang, Xinguang Xiang and Zechao Li (* equal contribution)*

IJCAI LTDL Workshop 2021 (Best Paper Award)

Coupled Patch Similarity Network For One-Shot Fine-Grained Image Recognition

Sheng Tian, Hao Tang, and Longquan Dai

IEEE ICIP 2021

Learning a Tree-Structured Channel-Wise Refinement Network for Efficient Image Deraining

Di Wang, Hao Tang*, Jinshan Pan, and Jinhui Tang (* equal contribution)*

IEEE ICME 2021

BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning

Hao Tang, Zechao Li, Zhimao Peng, and Jinhui Tang

ACM MM 2020

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

Sep. 2018, 2019, 2020, 2021

• Nanjing University of Science and Technology

Outstanding Graduates and Excellent Bachelor Thesis Award

Jun. 2018

• Harbin Engineering University

First-class Innovation Scholarship

Nov. 2017

• Ministry of Industry and Information Technology of People's Republic of China