

Jiangtong Li

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Education

- **Shanghai Jiao Tong University**
B.S. (Zhiyuan Honored Program) in Chemistry and Computer Science 2015.9-2019.6
- **Shanghai Jiao Tong University**
Ph.D Candidate in Computer Science
Supervisor: Prof. Liqing Zhang and Li Niu 2019.9-Present

Experience

- **Shanghai Jiao Tong University**
Research Assistant Supervisor: Prof. Hai Zhao 2017.6-2019.9
- **Tencent, AI Lab**
Research Intern Supervisor: Ph.D Wei Bi 2019.1-2019.9

Award

- *Wu Wenjun Honorary Doctoral Scholarship* in Shanghai Jiao Tong University (Twenty places each year)
- *Zhang Xu Scholarship* in Shanghai Jiao Tong University (Ten places each year)
- *Xingcai Scholarship* in Shanghai Jiao Tong University (Ten places each year)

Publication¹

- Zhixin Ling, Zhen Xing, **Jiangtong Li**, Li Niu. *Multi-Level Region Matching for Fine-Grained Sketch-Based Image Retrieval*. Proceedings of the 30th ACM International Conference on Multimedia (**ACM MM 2022**), CCF-A.
- **Jiangtong Li**, Li Niu, and Liqing Zhang. *Representation to Reasoning: Towards both Evidence and Commonsense Reasoning for Video Question-Answering*. Proceedings of the IEEE / CVF Computer Vision and Pattern Recognition Conference 2022 (**CVPR 2022**), CCF-A.
- **Jiangtong Li**, Zhixin Ling, Li Niu, and Liqing Zhang. *Zero-Shot Sketch-Based Image Retrieval with Structure-aware Asymmetric Disentanglement*. Computer Vision and Image Understanding (**CVIU 2022**), CCF-B.
- **Jiangtong Li**, Li Niu, and Liqing Zhang. *Action-Aware Embedding Enhancement for Image-Text Retrieval*. Proceedings of the 36th AAAI Conference on Artificial Intelligence (**AAAI 2022**), CCF-A.
- **Jiangtong Li**, Liu Liu, Li Niu, and Liqing Zhang. *Memorize, Associate and Match: Embedding Enhancement via Fine-Grained Alignment for Image-Text Retrieval*. IEEE Transactions on Image Processing (**IEEE TIP 2021**), CCF-A.

¹* indicates these authors contribute equally

- **Jiangtong Li***, Wentao Wang*, Junjie Chen, Li Niu, Jianlou Si, Chen Qian, Liqing Zhang. *Video Semantic Segmentation via Sparse Temporal Transformer*. Proceedings of the 29th ACM International Conference on Multimedia. (**ACM MM 2021**), CCF-A.
- Liu Liu, **Jiangtong Li**, Li Niu, Ruicong Xu, Liqing Zhang. *Activity image-to-video retrieval by disentangling appearance and motion*. Proceedings of the 35th AAAI Conference on Artificial Intelligence. (**AAAI 2021**), CCF-A.
- Fengshun Xiao, **Jiangtong Li**, Hai Zhao, Rui Wang and Kehai Chen. *Lattice-Based Transformer Encoder for Neural Machine Translation*. Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (**ACL 2019**), CCF-A.
- Zhuosheng Zhang, Hai Zhao, Kangwei Ling, **Jiangtong Li**, Zuchao Li, Shexia He. *Effective Subword Segmentation for Text Comprehension*. IEEE/ACM Transactions on Audio, Speech, and Language Processing (**TASLP**), CCF-B.
- Zhuosheng Zhang*, **Jiangtong Li***, Pengfei Zhu, Hai Zhao, Gongshen Liu. *Modeling Multi-turn Conversation with Deep Utterance Aggregation*. Proceedings of the 27th International Conference on Computational Linguistics (**COLING 2018**), CCF-B.
- Pengfei Zhu, Zhuosheng Zhang, **Jiangtong Li**, Yafang Huang, Hai Zhao. *Lingke: A Fine-grained Multi-turn Chatbot for Customer Service*. Proceedings of the 27th International Conference on Computational Linguistics (**COLING 2018**), CCF-B.

Patents

- A method for chemical reaction practicality judgement, Application ID: CN201710846223.3. (Issued)
- A method for predicting productive rate of chemical reaction, Application ID: CN201810392135.5 (Issued)
- A method for Subword-based Dynamics English word Embedding, Application ID: 2019030131CN. (Issued)

Academic Service

- Reviewer: ACL, COLING, EMNLP, EACL
- Sub-reviewer: NAACL, IJCAI, AAAI, CVPR, ACM MM