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Research interests Approximate algorithms in data streams, Computer network systems

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Publications **Finding Simplex Items in Data Streams**
Zhuochen Fan, **Jiarui Guo**, Xiaodong Li, Tong Yang, Yikai Zhao, Yuhan Wu, Bin Cui, Yanwei Xu, Steve Uhlig, Gong Zhang
2023 IEEE 39th International Conference on Data Engineering (ICDE'23). Apr. 2023

REncoder: A Space-Time Efficient Range Filter with Local Encoder
Ziwei Wang, Zheng Zhong, **Jiarui Guo**, Yuhan Wu, Haoyu Li, Tong Yang, Yaofeng Tu, Huanchen Zhang, Bin Cui
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PISketch: Finding Persistent and Infrequent Flows
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