

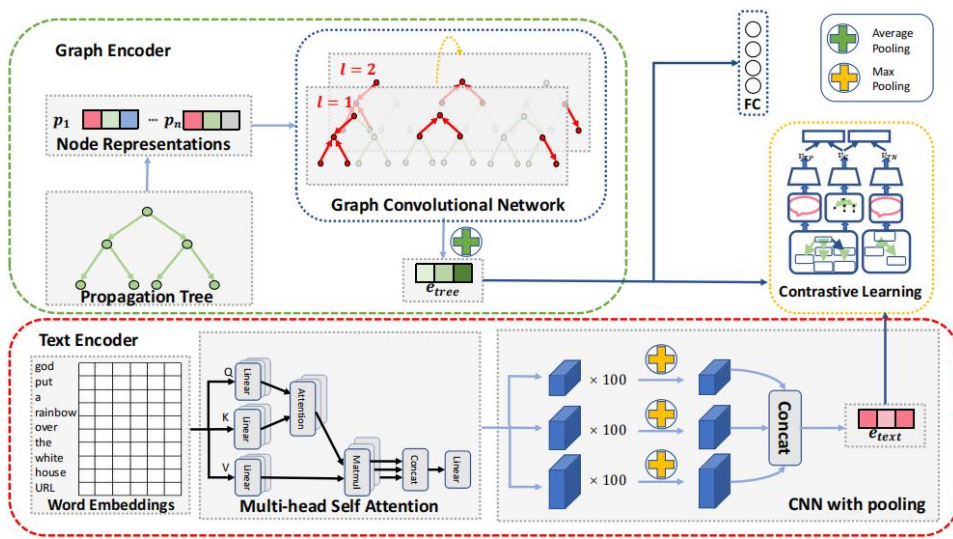
Rumor Detection with Self-supervised Learning on Texts and Social Graph

**Yuan GAO, Xiang WANG, Xiangnan HE, Huamin FENG,
Yongdong ZHANG**

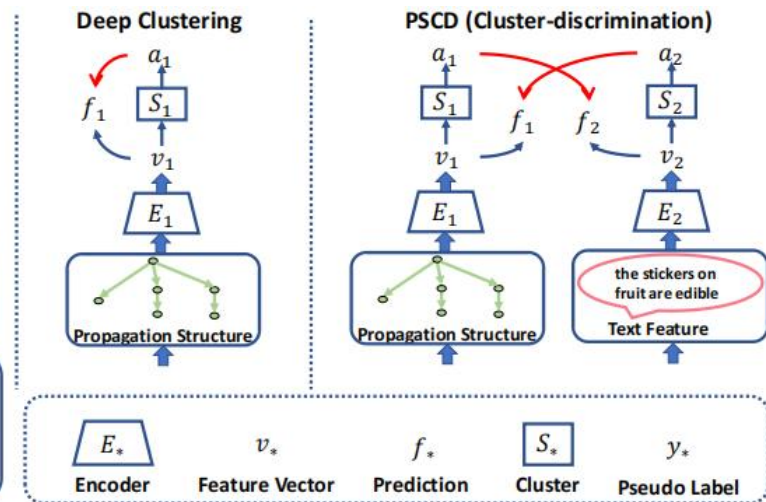
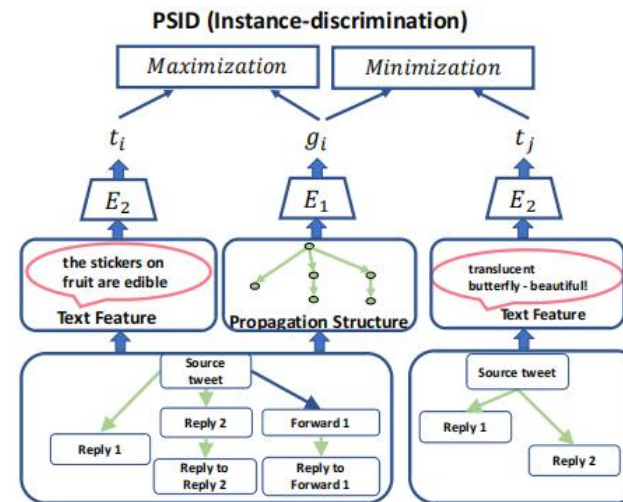
Frontiers of Computer Science, DOI: [10.1007/s11704-022-1531-9](https://doi.org/10.1007/s11704-022-1531-9)

Problems & Ideas

- Problems of Existing Rumor Detection
 - Using one single information source only
 - Ignoring the relations among multiple sources
- Ideas: Self-supervised Learning Rumor Detection
 - Graph encoder and Text encoder
 - Self-supervised Learning Module to fuse two sources
 - cluster-wise and instance-wise approaches



Overview of SRD



Self-supervised Module

