

## Paper 1

Abstract: Recent methods for learning vector space representations of authors...

## Paper 2

Abstract: Data insufficiency problem (i.e., data missing and label scarcity)...

## Paper n

Abstract: Spatio-temporal graph neural networks have become the most popular...

Author 1

word<sub>1</sub>

word<sub>2</sub>

...

word<sub>n</sub>

word<sub>1</sub>

word<sub>2</sub>

...

word<sub>n</sub>

word<sub>1</sub>

word<sub>2</sub>

...

word<sub>n</sub>

## Word Embedding

GloVe Pre-training Model (50d)

$\vec{w}_1$

$\vec{w}_2$

...

$\vec{w}_n$

$\vec{w}_1$

$\vec{w}_2$

...

$\vec{w}_n$

$\vec{w}_1$

$\vec{w}_2$

...

$\vec{w}_n$

## Paper Embedding

$$\vec{P} = \frac{1}{n} \sum_{i=1}^n \vec{w}_i$$

$P_1$

$P_2$

$P_n$

## Scholar Embedding

$$\vec{A}_i = \frac{\sum_{j=1}^m E_{ij} \vec{P}_{ij}}{m}$$

$A_1$

Scholar  
Vector