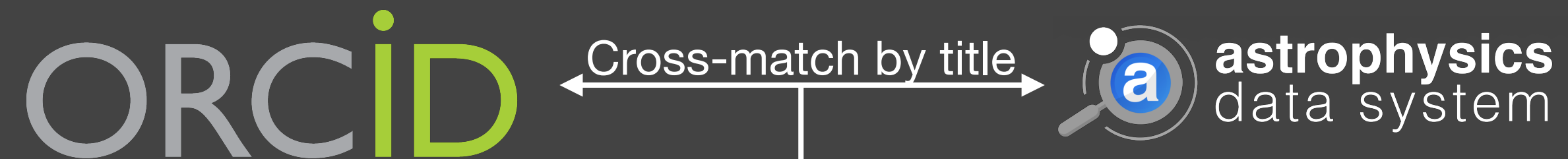


## Data Pipeline



554,962 matches for researcher records

e.g., [Author Name, Affiliation, Title, Abstract]

## Data Representation

e.g., [Vicente Amado Olivo, Michigan State University, ...]

Author Names and Affiliation  
Character-level Representation

Title and Abstract  
Semantic Representation

$A = \text{Chars2vec}(\text{Li, Zhao..}) + \text{SPECTER}(\text{FeAmGen.jl: A Julia program for Feynman Amplitude Generation})$

$\text{Similarity}(A, B) = \cos(\theta) = \frac{A \cdot B}{\|A\| \|B\|}$

$B = \text{Chars2vec}(\text{Li, Zhao...}) + \text{SPECTER}(\text{Qualitative analysis and modulation instability for the extended ...})$

## Baseline Model

