

Finding References of Reputation

The background features a row of ten pencils at the bottom. The first nine pencils are light-colored with grey erasers, while the tenth pencil on the right is red with a pink eraser. Above the pencils is a horizontal bar composed of four segments: light blue, dark blue, orange, and red. The title text is positioned in the upper left area.

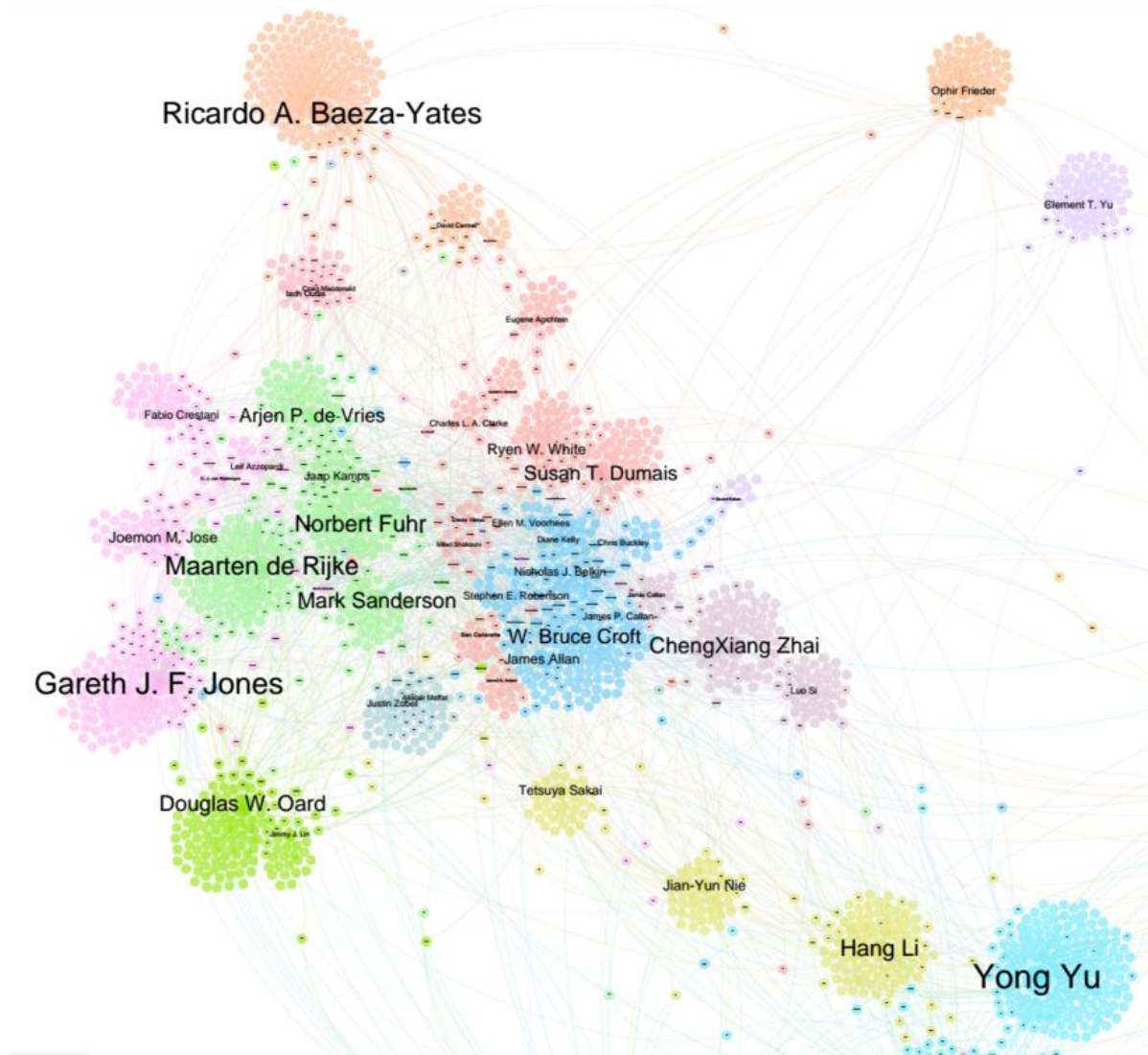
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Research Questions

#	Subarea
1	Algorithms & Theory
2	Artificial Intelligence
3	Bioinformatics & Computational Biology
4	Computer Vision
5	Data Mining
6	Databases
7	Distributed & Parallel Computing
8	Graphics
9	Hardware & Architecture
10	Human-Computer Interaction
11	Information Retrieval
12	Machine Learning & Pattern Recognition
13	Multimedia
14	Natural Language & Speech
15	Networks & Communications
17	Operating Systems
18	Programming Languages
19	Real-Time & Embedded Systems
20	Scientific Computing
21	Security & Privacy
22	Simulation
23	Software Engineering
24	World Wide Web

- ▷ How well Brazilian research groups are doing from the perspective of sub-areas?
- ▷ How to be fair with sub-areas with a low frequency of publications?

A Clustering Approach



Current Work

- ▷ Microsoft Academic Graph
 - Dataset with 120M papers
 - Coverage analysis (BR, USA and Europe)
- ▷ Experiments over P-score parameters
 - Varying how much reputation is propagated between different types of nodes
 - Goal: find the better configuration of the framework for rank venues by sub-areas