

Finding References of Reputation

A decorative background featuring a row of pencils at the bottom. Most pencils are light-colored with grey erasers, but one pencil in the center-right is red. Above the pencils is a horizontal bar with segments of blue, orange, and red.

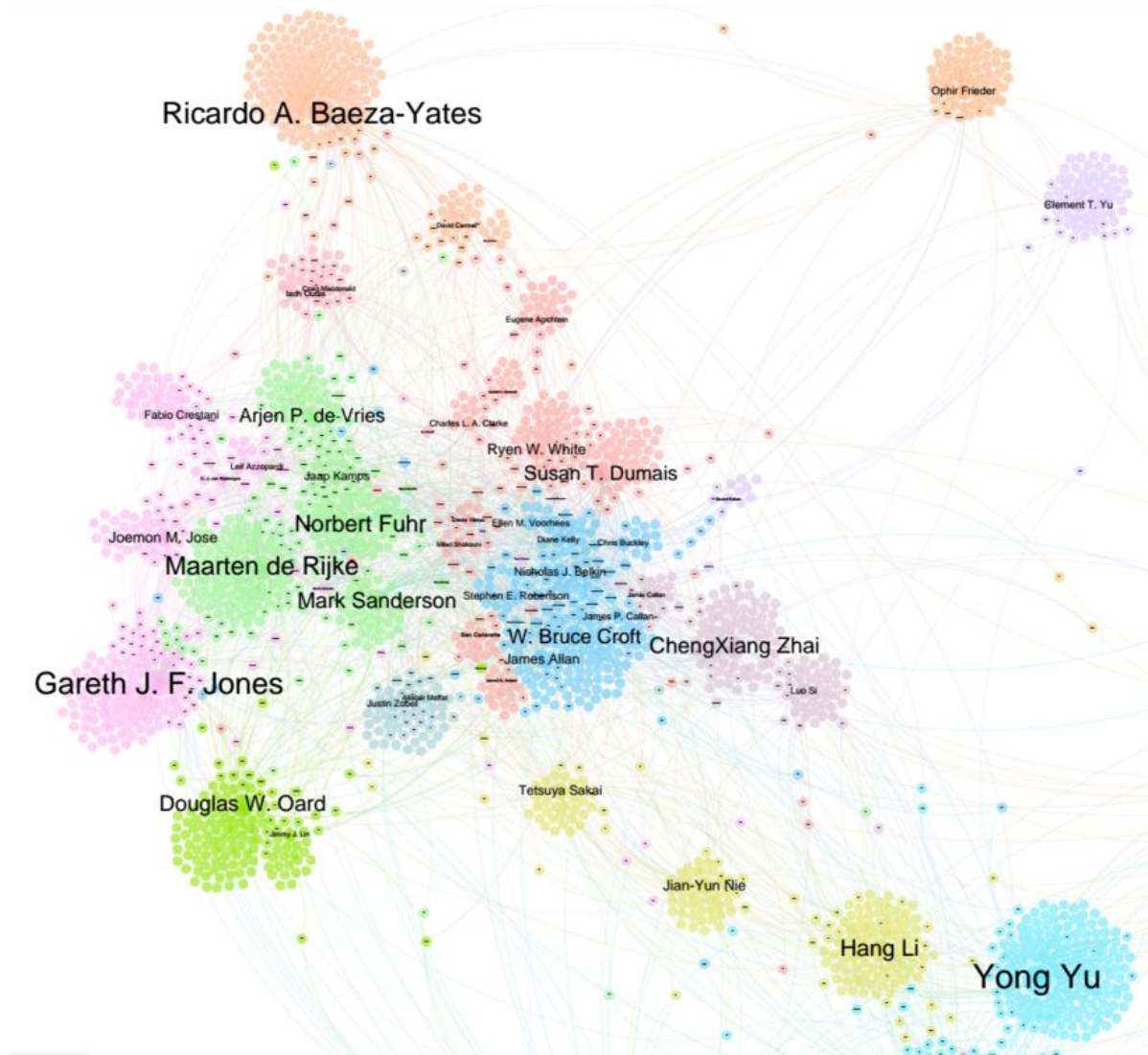
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Research Questions

#	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?

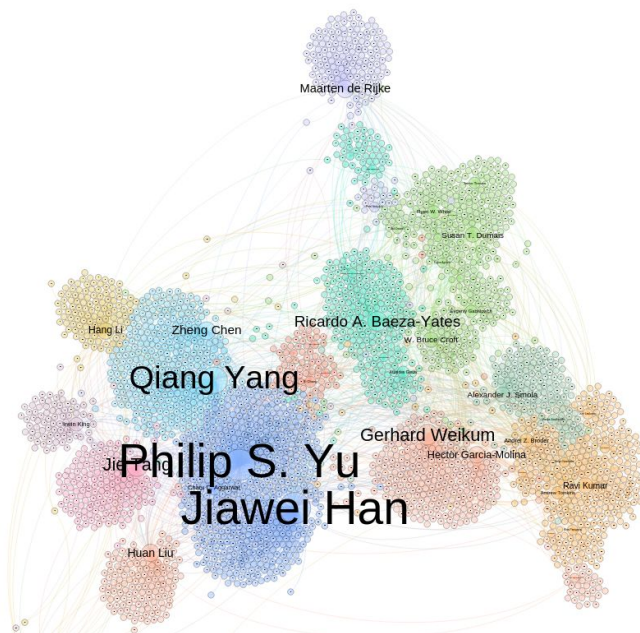
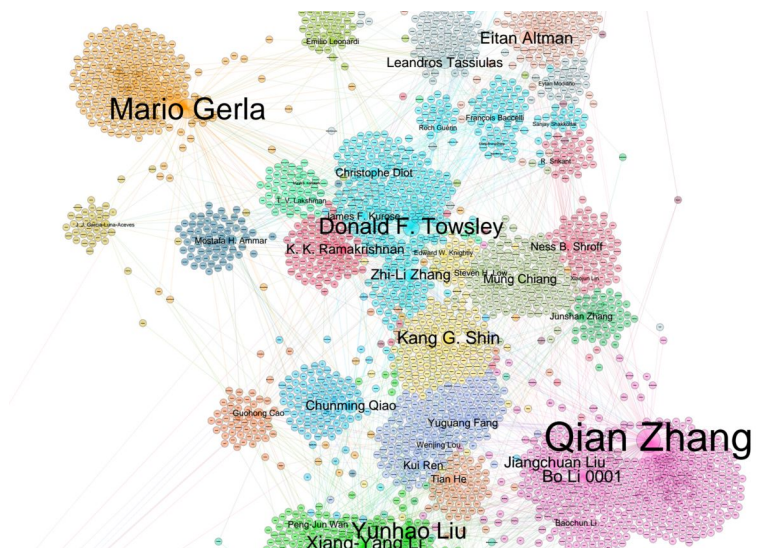
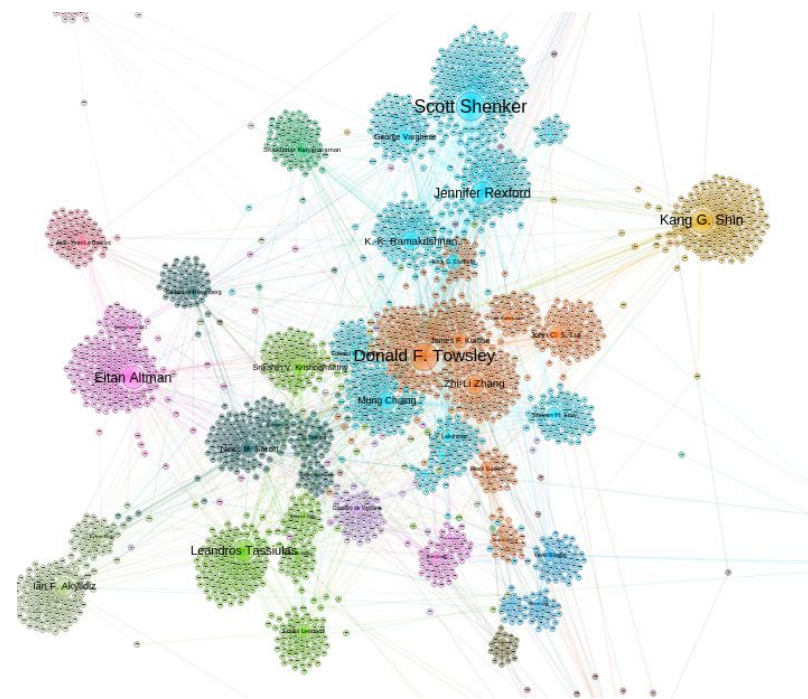
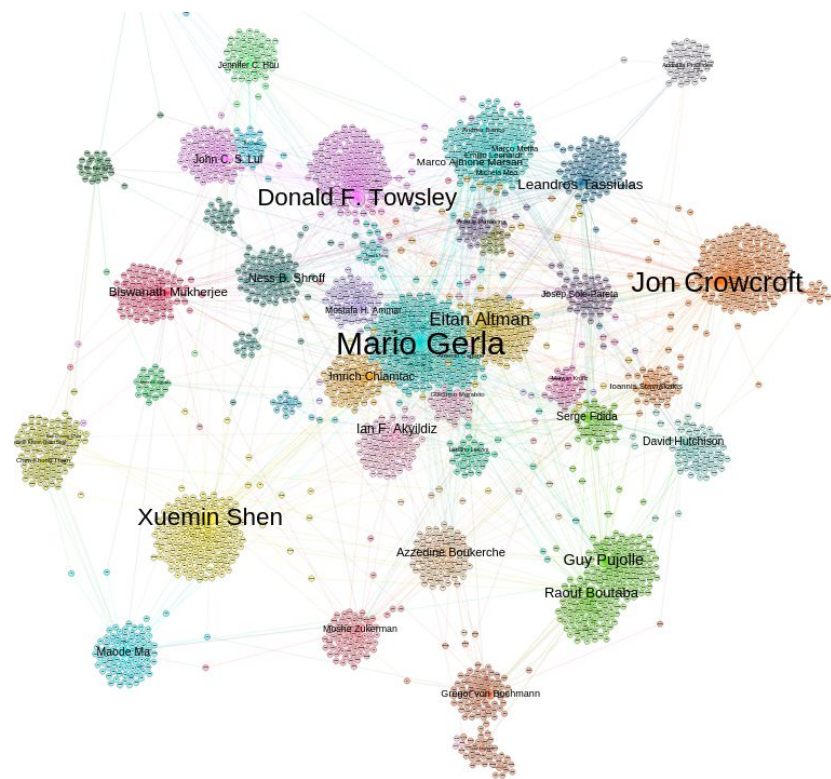
A Clustering Approach

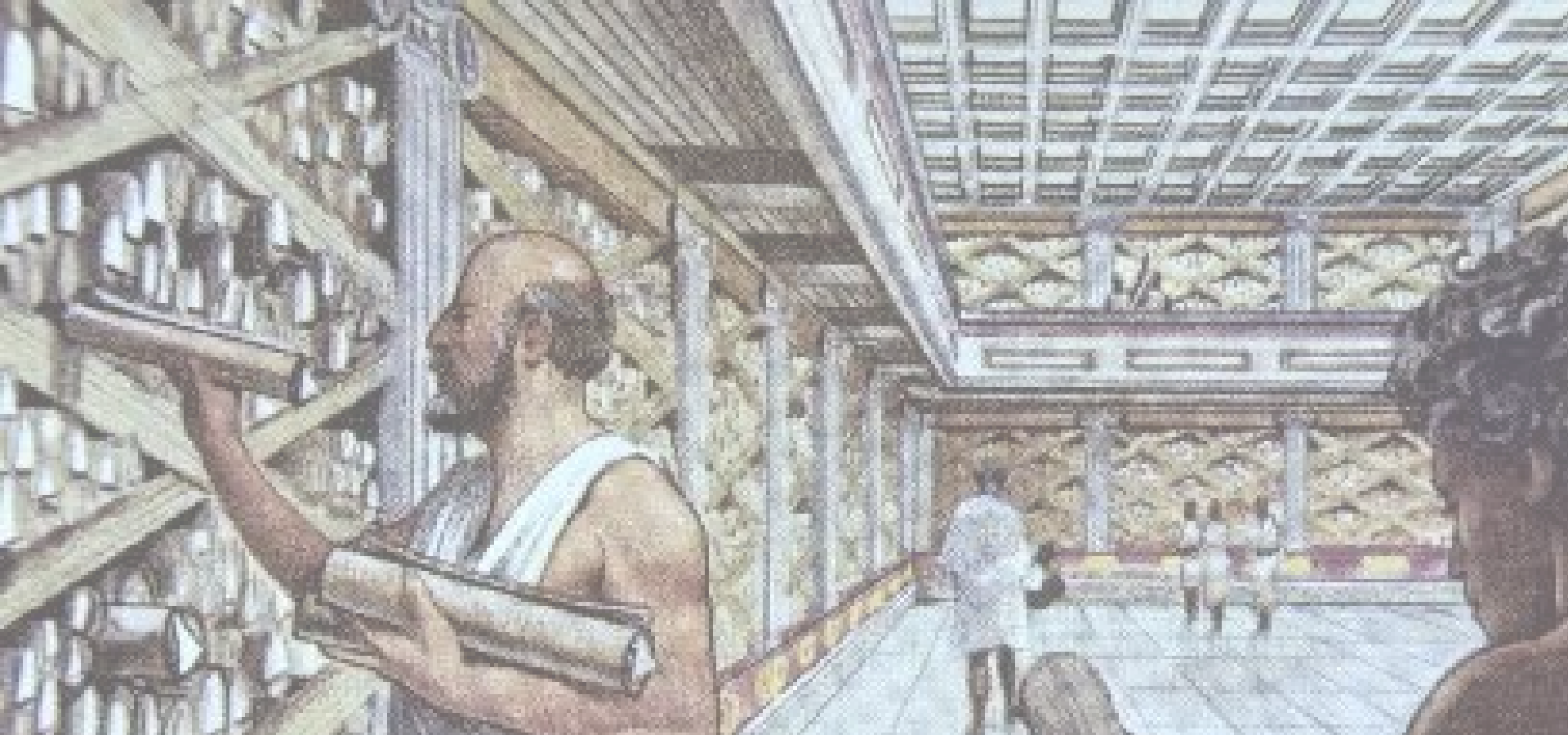


Current Work

- ▷ 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

Reference (Venue)	SIGIR									
Rank / Strategy	TOP 50 AUTHORS AS REPUTATION SOURCES					AUTHORS OF TOP 10 CENTRAL CLUSTERS AS REPUTATION SOURCES				
	ds = 0	ds = 0.25	ds = 0.5	ds = 0.75	ds = 0.99	ds = 0	ds = 0.25	ds = 0.5	ds = 0.75	ds = 0.99
1	conf/sigir	conf/sigir	conf/sigir	conf/sigir	conf/sigir	conf/sigir	conf/sigir	conf/sigir	conf/sigir	conf/sigir
2	conf/cikm	conf/trec	conf/trec	conf/trec	conf/trec	conf/clef	conf/clef	conf/clef	conf/clef	conf/clef
3	conf/trec	conf/cikm	conf/cikm	conf/cikm	conf/cikm	conf/trec	conf/trec	conf/trec	conf/trec	conf/trec
4	conf/ecir	conf/ecir	conf/ecir	journals/sigir	conf/ecir	conf/cikm	conf/cikm	conf/cikm	conf/cikm	conf/cikm
5	conf/clef	journals/sigir	journals/sigir	conf/ecir	journals/sigir	conf/ecir	conf/ecir	conf/ecir	conf/ecir	conf/ecir
6	journals/sigir	conf/clef	conf/clef	conf/clef	conf/clef	journals/jasis	journals/sigir	journals/sigir	journals/sigir	journals/sigir
7	conf/www	journals/ipm	journals/ipm	journals/ipm	journals/ipm	journals/ipm	journals/ipm	journals/ipm	journals/ipm	conf/inex
8	journals/ipm	conf/www	conf/www	conf/www	conf/www	conf/www	journals/jasis	journals/jasis	conf/inex	journals/ipm
9	journals/jasis	journals/jasis	journals/jasis	journals/jasis	journals/ir	journals/sigir	conf/www	conf/inex	journals/jasis	journals/jasis
10	journals/ir	journals/ir	journals/ir	journals/ir	journals/jasis	conf/interpeech	conf/inex	conf/www	conf/www	conf/www
11	conf/mm	journals/tois	journals/tois	journals/tois	journals/tois	conf/icde	journals/ir	journals/ir	journals/ir	journals/ir
12	journals/tois	conf/ntcir	conf/ntcir	conf/ntcir	conf/riao	conf/acl	conf/chi	conf/ercimdl	conf/ercimdl	conf/mm
13	conf/ntcir	conf/mm	conf/wsdm	conf/wsdm	conf/ntcir	conf/chi	conf/ercimdl	conf/chi	conf/ntcir	conf/ercimdl
14	conf/wsdm	conf/wsdm	conf/mm	conf/riao	conf/wsdm	conf/mm	conf/mm	conf/ntcir	conf/mm	conf/ntcir
15	conf/riao	conf/riao	conf/riao	conf/inex	conf/inex	conf/sigmod	conf/jcdl	conf/mm	conf/chi	conf/lrec
16	conf/kdd	conf/inex	conf/inex	conf/mm	conf/ictir	conf/icassp	conf/icde	conf/jcdl	conf/lrec	conf/trecvid
17	conf/icdm	conf/icdm	journals/cacm	journals/cacm	conf/spire	conf/jcdl	conf/acl	conf/lrec	conf/wsdm	conf/wsdm
18	conf/inex	conf/spire	conf/icdm	conf/ictir	journals/cacm	conf/vldb	conf/ntcir	conf/acl	conf/jcdl	conf/iiix
19	conf/spire	conf/kdd	conf/spire	conf/spire	conf/iiix	conf/icip	conf/vldb	conf/wsdm	journals/tois	conf/civr
20	conf/acl	conf/acl	conf/ictir	conf/icdm	conf/chi	conf/ercimdl	conf/lrec	conf/icde	conf/acl	conf/chi
21	conf/mmm	journals/cacm	conf/iiix	conf/iiix	conf/mm	conf/lrec	conf/sigmod	journals/tois	conf/iiix	conf/riao
22	conf/icmcs	conf/ictir	conf/acl	conf/chi	conf/icdm	conf/inex	conf/interpeech	conf/vldb	conf/riao	journals/tois
23	conf/airs	conf/airs	conf/kdd	conf/airs	conf/airs	journals/ir	journals/tois	conf/sigmod	conf/trecvid	conf/jcdl
24	conf/aaai	conf/mmm	conf/airs	conf/acl	conf/naacl	conf/icmcs	conf/wsdm	conf/iiix	conf/icde	conf/mmm
25	journals/tkde	conf/icmcs	conf/chi	conf/naacl	conf/acl	conf/icml	conf/iiix	conf/riao	conf/vldb	conf/acl
26	conf/naacl	conf/iiix	conf/naacl	conf/kdd	conf/icwsm	conf/kdd	conf/riao	conf/interpeech	conf/civr	conf/mir
27	journals/cacm	conf/naacl	conf/icmcs	conf/icmcs	conf/ercimdl	journals/cacm	conf/icassp	conf/civr	conf/sigmod	conf/icip
28	conf/ictir	conf/chi	conf/mmm	conf/ercimdl	conf/kdd	journals/tkde	conf/icip	conf/trecvid	conf/interpeech	conf/adcs
29	conf/iiix	journals/tkde	conf/ercimdl	conf/aaai	journals/cj	conf/ntcir	journals/cacm	conf/naacl	conf/mir	conf/icmcs
30	conf/ercimdl	conf/aaai	conf/aaai	conf/mmm	conf/dcc	conf/naacl	conf/naacl	journals/cacm	conf/naacl	conf/interpeech





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