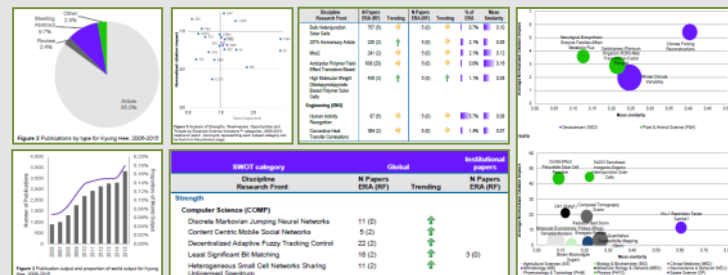


EMERGING RESEARCH AREAS REPORT – Project Overview

SECTION 1 . Organization Profile

- Institutional Overview
- In what fields is research being produced?
- In what fields does K*** have strength, weakness, opportunities and threats?
- Emerging research areas recommended for further analysis



SECTION 2. Emerging Research Areas Profile

- Global or regional trends in research output
- Top global or regional institutions contributing to the area
- Institutions that most frequently collaborated with K*** within this area
- Most highly-cited K*** papers/ researchers in this area
- Funding organizations commonly funding this area



Methodology & Meaning

Procedure

Organizational Profiling



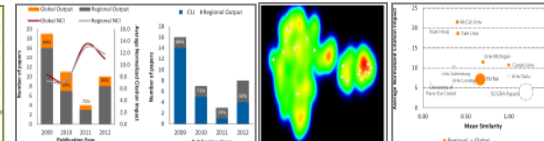
- Performance analysis
- Core competency analysis

Emerging Research Areas recommendation



- Emerging Research forecasting
- Identifying potential funding opportunity

Emerging Research Areas Analysis & Profiling

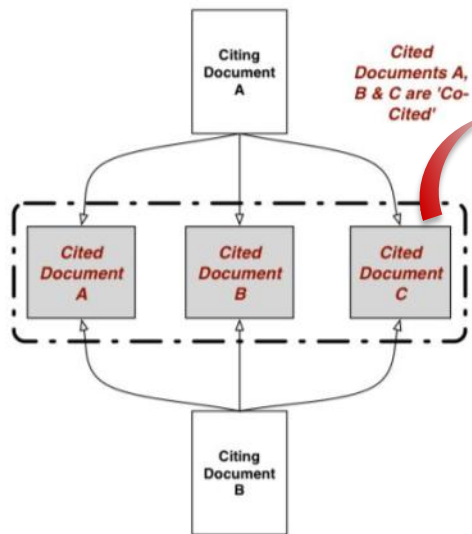


- Emerging area - Deep analysis
- Emerging area – Trend analysis

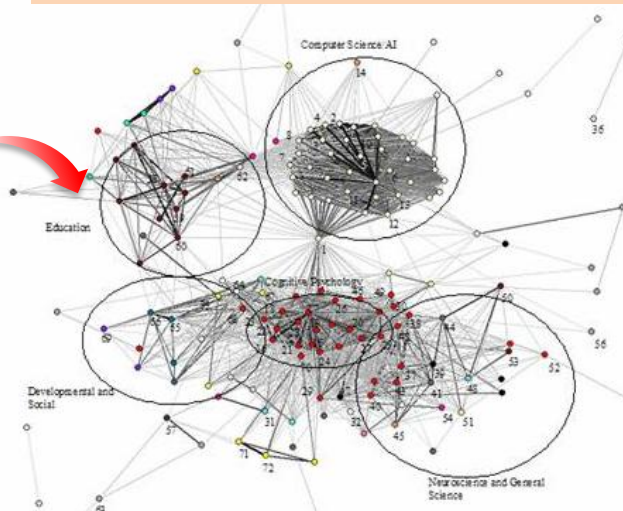
Methodology & Meaning

○ Main Approach : Research front & co-citation analysis

Co-cited connection



Co-citation analysis, Research Fronts



Physics (March 2016)					
Rank	Research Fronts	Core Papers	Citations	Ave Year	Hot Papers in Core
1	Galactic center gamma-ray excess	49	2111	2014.2	0
2	Black phosphorus field-effect transistors	25	3270	2014	13
3	Three-dimensional topological Dirac semimetal phase	43	3604	2013.7	17

Emerging Research Areas

