Summary

Time of creation: Wed May 22 23:40:35 IST 2024

Introduction

This summary is automatically generated. To maximize the level of details in the summary, complete the following tasks before running this function:

- clustering and labeling by using the **All in One** button
- run the burst detection function from the **Burstness** tab in the Control Panel
- compute the betweenness centrality from the Nodes menu
- save the current visualization as a PNG image in the project folder

The summary highlights major clusters first, including citing articles and cited references. The importance of nodes will be summarized in terms of citation-based metrics such as citation counts and citation bursts, network-based metrics such as degree centrality and betweenness centrality. Sigma is a combination of both types, i.e., burst and betweenness centrality.

There are other features that are not included in the current summary, for example, structural variation analysis, analysis of uncertainties, concept trees, and dual-map overlays.

MAJOR CLUSTERS

Cluster information is not available.

CITATION COUNTS

The top ranked item by citation counts is climate change in Cluster #, with citation counts of **62**. The second one is adaptation finance in Cluster #, with citation counts of **33**. The third is vulnerability in Cluster #, with citation counts of **21**. The 4th is climate finance in Cluster #, with citation counts of **21**. The 5th is climate change adaptation in Cluster #, with citation counts of **21**. The 6th is policy in Cluster #, with citation counts of **20**. The 7th is equity in Cluster #, with citation counts of **11**. The 8th is impacts in Cluster #, with citation counts of **10**. The 9th is governance in Cluster #, with citation counts of **9**. The 10th is politics in Cluster #, with citation counts of **8**.

Citation Counts	Node Name	DOI	Cluster ID
62	climate change		
33	adaptation finance		

21	vulnerability		
21	climate finance		
21	climate change adaptation		
20	policy		
11	equity		
10	impacts		
9	governance		
8	politics		

BURSTS

The top ranked item by bursts is climate change in Cluster #, with bursts of **5.50**. The second one is vulnerability in Cluster #, with bursts of **3.53**. The third is adaptation finance in Cluster #, with bursts of **3.37**. The 4th is adaptive capacity in Cluster #, with bursts of **3.26**. The 5th is climate finance in Cluster #, with bursts of **0.00**. The 6th is climate change adaptation in Cluster #, with bursts of **0.00**. The 7th is policy in Cluster #, with bursts of **0.00**. The 8th is equity in Cluster #, with bursts of **0.00**. The 9th is impacts in Cluster #, with bursts of **0.00**. The 10th is governance in Cluster #, with bursts of **0.00**.

Bursts	Node Name	DOI	Cluster ID
5.50	climate change		
3.53	vulnerability		
3.37	adaptation finance		
3.26	adaptive capacity		
0.00	climate finance		
0.00	climate change adaptation		
0.00	policy		
0.00	equity		
0.00	impacts		
0.00	governance		

DEGREE

The top ranked item by degree is climate change in Cluster #, with degree of **14**. The second one is vulnerability in Cluster #, with degree of **12**. The third is policy in Cluster #, with degree of **10**. The 4th is adaptation finance in Cluster #, with degree of **7**. The 5th is climate finance in Cluster #, with degree of **6**. The

6th is impacts in Cluster #, with degree of **6**. The 7th is governance in Cluster #, with degree of **6**. The 8th is politics in Cluster #, with degree of **6**. The 9th is justice in Cluster #, with degree of **6**. The 10th is resilience in Cluster #, with degree of **5**.

Degree	Node Name	DOI	Cluster ID
14	climate change		
12	vulnerability		
10	policy		
7	adaptation finance		
6	climate finance		
6	impacts		
6	governance		
6	politics		
6	justice		
5	resilience		

CENTRALITY

The top ranked item by centrality is policy in Cluster #, with centrality of **0.77**. The second one is climate change in Cluster #, with centrality of **0.72**. The third is vulnerability in Cluster #, with centrality of **0.49**. The 4th is adaptation finance in Cluster #, with centrality of **0.29**. The 5th is climate finance in Cluster #, with centrality of **0.29**. The 6th is impacts in Cluster #, with centrality of **0.24**. The 7th is governance in Cluster #, with centrality of **0.21**. The 8th is politics in Cluster #, with centrality of **0.18**. The 9th is change mitigation in Cluster #, with centrality of **0.12**. The 10th is climate vulnerability in Cluster #, with centrality of **0.11**.

Centrality	Node Name	DOI	Cluster ID
0.77	policy		
0.72	climate change		
0.49	vulnerability		
0.29	adaptation finance		
0.29	climate finance		
0.24	impacts		
0.21	governance		
0.18	politics		

0.12	change mitigation		
0.11	climate vulnerability		

SIGMA

The top ranked item by sigma is climate change in Cluster #, with sigma of **19.72**. The second one is vulnerability in Cluster #, with sigma of **4.10**. The third is adaptation finance in Cluster #, with sigma of **2.38**. The 4th is adaptive capacity in Cluster #, with sigma of **1.08**. The 5th is policy in Cluster #, with sigma of **1.00**. The 6th is climate finance in Cluster #, with sigma of **1.00**. The 7th is impacts in Cluster #, with sigma of **1.00**. The 8th is governance in Cluster #, with sigma of **1.00**. The 9th is politics in Cluster #, with sigma of **1.00**. The 10th is change mitigation in Cluster #, with sigma of **1.00**.

Sigma	Node Name	DOI	Cluster ID
19.72	climate change		
4.10	vulnerability		
2.38	adaptation finance		
1.08	adaptive capacity		
1.00	policy		
1.00	climate finance		
1.00	impacts		
1.00	governance		
1.00	politics		
1.00	change mitigation		

References

- Chen, C. (2004) Searching for intellectual turning points: Progressive knowledge domain visualization. PNAS, 101 (suppl_1), 5303-5310. 10.1073/pnas.0307513100 **CiteSpace Original**
- Chen, C. (2006) CiteSpace II: Detecting and visualizing emerging trends and transient patterns in scientific literature. Journal of the American Society for Information Science and Technology, 57(3), 359-377. 10.1002/asi.20317 **CiteSpace II**
- Chen, C., Ibekwe-SanJuan, F., Hou, J. (2010) The structure and dynamics of cocitation clusters: A multiple-perspective cocitation analysis. Journal of the American Society for information Science and Technology, 61(7), 1386-1409. 10.1002.asi.21309 **cluster labeling**
- Chen, C. (2012) Predictive effects of structural variation on citation counts. Journal of the American Society for Information Science and Technology, 63(3), 431-449. 10.1002/asi.21694 **structural variation analysis**
- Chen, C. (2017) Science Mapping: A Systematic Review of the Literature. Journal of Data and Information Science, 2(2), 1-40. 10.1515/jdis-2017-0006 **a show-case study**

- Chen, C., Song, M. (2019) Visualizing a Field of Research: A Methodology of Systematic Scientometric Reviews. PLoS One, 14(10), e0223994. 10.1371/journal.pone.0223994 **cascading citation expansion**
- Chen, C. (2020) A Glimpse of the First Eight Months of the COVID-19 Literature on Microsoft Academic Graph: Themes, Citation Contexts, and Uncertainties. Frontiers in Research Metrics and Analytics, 5:607286. 10.3389/frma.2020.607286 **citation contexts; uncertainties**