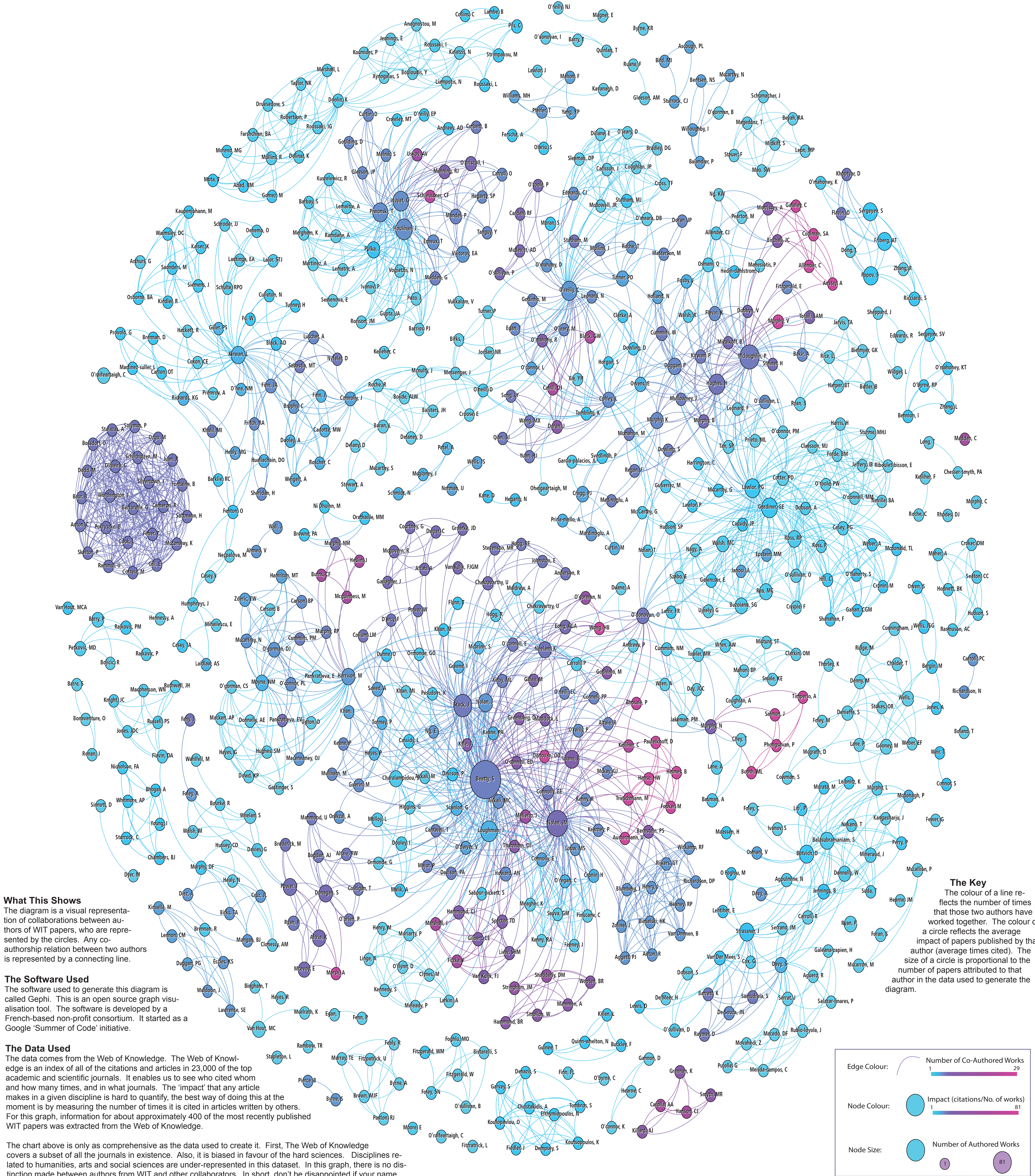


Co-Authorship Network for Scientific and Technical Papers published by at least one WIT Author

David Kane, WIT Libraries



The chart above is only as comprehensive as the data used to create it. First, The Web of Knowledge covers a subset of all the journals in existence. Also, it is biased in favour of the hard sciences. Disciplines related to humanities, arts and social sciences are under-represented in this dataset. In this graph, there is no distinction made between authors from WIT and other collaborators. In short, don't be disappointed if your name does not appear here, it's not you, it's the data.

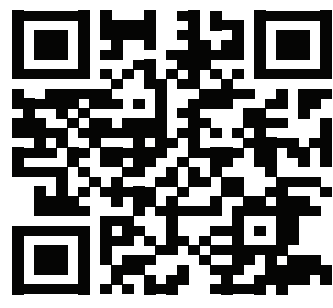
The Benefits

In spite of these shortcomings, the Web of Knowledge is a valuable tool for research assessment across the education sector, as it provides a very consistent benchmark. Analysis of networks using graph theory is a discipline that has come into its own of late, as improvements in technology have made possible the development of new tools, namely graph databases and visualisation software such as Gephi.

In the context of research and bibliometric analysis this approach is only just beginning to be explored. It is likely that it will prove to be increasingly used for strategic planning, capacity building and identifying collaborative opportunities among different research organisations.

Contact

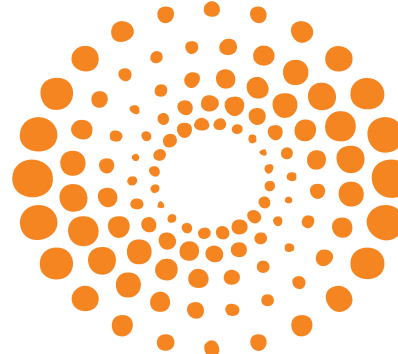
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