Exploring the Landscape of Information Visualization through a Mark Lombardi Lens

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Abstract : This bibliometric study takes an artistic and storytelling approach to explore the term "information visualization." Analyzing over 1008 titles collected from databases that specialize in data visualization research, we examine the titles of these publications to report on the characteristics and development trends in the field. Employing a qualitative methodology, we delve into the titles of these publications, extracting leading terms and exploring the cooccurrence of these terms to gain deeper insights. By systematically analyzing the leading terms and their relationships within the titles, we shed light on the prevailing themes that shape the landscape of "information visualization" by employing the artist Mark Lombardi's techniques to visualize our findings. By doing so, this study provides valuable insights into bibliometrics visualization while also opening new avenues for leveraging art and storytelling to enhance data representation.

1

Keywords : bibliometrics analysis, Mark Lombardi design, information visualization, qualitative methodology

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