

Transforming the Automotive Production: A Bibliometric Analysis on Lean-Green Management

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Abstract : The lean management concept is a widely used and implemented production improvement solution especially in the automotive sector. However, in the recent years the need for an efficient production system became no longer sufficient for companies. The increasing importance of green production and environmental sustainability pushed companies to modify their manufacturing systems in a more environmentally conscious way. As a result, the recent improvements in the automotive sector has surpassed the lean management directives and currently are in need of a more sustainable and green transformation. At this point a comprehensive approach like Lean-Green (LG) Management, which combines lean management and green applications, gains popularity in the sector. This study conducts a bibliometric analysis between the years 2015-2023 for LG management. This study aims to identify the current standing of the literature. The most researched branches of the concept have been determined by the conducted analysis. Furthermore, this study sheds a light on the future research directions for scholars.

Keywords : LG management, sustainability, lean, green, automotive, bibliometric analysis

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