

ABSTRACT

In the midst of rising urbanisation and climate change challenges, the less sustainable car-centric strategy poses a hurdle to the practicality of BRT system implementation. Recognising the essential role of public transport initiatives, this study seeks to improve implementation through the public administration realm, urged by its falling scientific progress in the face of a growing market for electric vehicles. Despite BRT extensive literature there's yet a study that systematically maps its development using systematic literature review and bibliometric mapping for policy context. As a result, the 96 publications included by the PRISMA (Preferred Items for Systematic Reviews and Meta-Analyses) framework are clustered into seven evolution themes, comprising of: 1) urban transport planning and implementation; 2) BRT's implementation and feasibility; 3) urban development; 4) public transport reform; 5) investment and sustainability; 6) performance analysis and policy development; and 7) urban transport development and highlight the main three streams of public transit development and innovation, performance and impact assessment and urban transport governance. This study also contributes to BRT system implementation literature in the public administration realm by providing six policy approach recommendations for further BRT system implementation improvements. The set of future research agendas for research developments is also presented.

Keywords:

bibliometric mapping; BRT; bus rapid transit; public transport policy