

Synthesizing Green Finance Research in Banking Industry: A Systematic Review and Future Agenda

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Abstract: Green financing has become an important financing instrument to banks since it allows them to invest in sustainable projects and to expedite the shift towards a low carbon economy. This study discusses green financing in the banking industry using bibliometric review and content analysis. With PRISMA framework, 639 papers related to bibliometric analysis and 30 research papers related to content analysis were obtained through SCOPUS database between 1994 and 2025. The analysis will focus on the trend of publication, the most influential sources, emerging topics, and future research opportunities. The findings indicate that the emerging themes in the field are central bank policies, ESG risk management, green bonds as well as practices related to sustainability reporting. The discussion indicates that policy frameworks, ESG risk integration, technology use and involvement of the private sector are the less developed avenues that may be future research agendas. The findings of this study are aimed at helping banks, policymakers, and governments deal with the main challenges in green financing in order to meet the sustainability objectives, and the contributions of the study are specifically correlated with SDG 7 (Affordable and Clean Energy) and SDG 9 (Industry, Innovation, and Infrastructure).

Keywords: Green Financing, Banking Sector, SDGs, Sustainability

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