# ABSTRACT

Innovation and technology transfer from academia to industry are crucial drivers of economic growth and competitiveness. This study provides a comprehensive bibliometric analysis of academic patent publications from 2013 to 2023, using data from the Scopus database to explore dynamic trends, international collaborations, and significant contributions from various authors, institutions, and countries.

Employing quantitative methods with a descriptive approach and utilizing bibliometric software in R Studio, the research reveals a significant increase in academic patent publications, from 24 articles in 2013 to a peak of 36 articles in 2022. Key findings indicate that strong collaborations between universities, industries, and international researchers have driven this growth, with the United States and China emerging as major contributors. Institutions such as Arizona State University and the Massachusetts Institute of Technology (MIT) play crucial roles, and authors like Hayter CS, Janodia MD, and KIM YC are also significant contributors, while influential journals such as the Journal of Technology Transfer shape the academic landscape. Despite progress, areas like "Medical Research" and "Technology Transfer" require further integration to enhance their impact.

This study underscores the importance of academic patents in fostering innovation and calls for the expansion of data sources, increased collaboration between universities and industries, and sustained government support through funding and incentives. By understanding these trends, stakeholders can better align their strategies to promote innovation and economic development.

Keywords: Academic Patents, Innovation, Technology Transfer, Bibliometrics