

Summary of Bachelor Thesis

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Title: Unveiling Electric Scooters: A Bibliographic and Network Analysis

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Summary

This thesis provides a comprehensive bibliographic and network analysis of the burgeoning field of electric scooter research. The study meticulously reviews and analyzes over 1,400 research papers to understand the dynamics and trends influencing the landscape of electric scooters in urban mobility.

The thesis begins with an exploration of the evolution of electric scooter-related research, identifying key publications, influential authors, and prevalent research areas. I apply various bibliometric indicators, such as the h-index, to evaluate the impact and productivity within the field. Network analysis techniques reveal collaboration patterns among researchers, offering insights into the connectivity and thematic interrelations within the scholarly community.

The findings highlight a significant increase in publications from 2019 onwards, indicating a surge in global interest and research activities surrounding electric scooters. Key research areas include engineering, environmental science, and social sciences, reflecting the interdisciplinary nature of the field. The study emphasizes the importance of collaboration, as evidenced by the dense co-authorship networks and the central roles played by highly connected authors.

This thesis contributes to understanding the academic landscape of electric scooter research, providing valuable insights for policymakers, industry stakeholders, and the academic of community. The work underlines the necessity of interdisciplinary approaches to tackle the challenges and opportunities presented by electric scooters in urban environments.

Through this scholarly endeavor, I not only map the current state of electric scooter research but also set a foundational basis for future studies to build upon, ensuring that the momentum of innovation and knowledge in this area continues to accelerate.