

A Literature Survey on Carpooling

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Abstract: *This paper embarks on an exploratory journey through a collection of diverse studies, shedding light on the multifaceted world of carpooling. These papers collectively underscore the compelling advantages of carpooling, from economic benefits to addressing traffic congestion and pollution, highlighting its potential to reshape urban commuting and contribute to sustainability. Simultaneously, these studies address inherent carpooling challenges, proposing solutions that encompass logistical considerations and social barriers. We also witness the evolution of carpooling design and technology, from dedicated lanes to advanced matching algorithms, emphasizing innovation at its core. These papers collectively provide valuable insights into carpooling's multifaceted world, illuminating its transformative potential and resilience in the face of urban challenges. This paper provides an overview of the existing research related to the carpooling concept.*

Keywords: Carpooling, Ride-sharing, Sustainable Urban Transportation, Traffic Congestion

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