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## **Publications**

- 54. A. Lonardi, M. Szell, C. De Bacco Cohesive urban bicycle infrastructure design through optimal transport routing in multilayer networks, arXiv:2405.02052 (2024, submitted)
- 53. H. Wolf, A.R. Vierø, M. Szell CoolWalks: Assessing the potential of shaded routing for active mobility in urban street networks, arXiv:2405.01225 (2024, submitted)
- 52. L.M. Aiello, A. Vybornova, S. Juhász, M. Szell, E. Bokányi **Urban highways are barriers to social ties**, *arXiv*:2404.11596 (2024, submitted)
- 51. M. Coscia, C. Borgelt, M. Szell **Fast Multiplex Graph Association Rules for Link Prediction**, *arXiv*:2211.12094 (2022, submitted)
- 50. M. Szell, Y. Ma, R. Sinatra

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- 49. L. Alessandretti, M. Szell **Urban Mobility**, in: *Compendium of Urban Complexity, arXiv*:2211.00355, (2024, accepted)
- 48. C.M. Büth, A. Vybornova, M. Szell superblockify: A Python Package for Automated Generation, Visualization, and Analysis of Potential Superblocks in Cities, Journal of Open Source Software 9(100), 6798 (2024)
- 47. A.R. Vierø, A. Vybornova, M. Szell **How Good Is Open Bicycle Network Data? A Countrywide Case Study of Denmark**, Geographical Analysis (2024, in print)
- 46. D. Rhoads, C. Rames, A. Solé-Ribalta, M.C. González, M. Szell, J. Borge-Holthoefer **Sidewalk networks: Review and outlook**, *Computers, Environment and Urban Systems* 106, 102031 (2023)
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- 42. P. Folco, L. Gauvin, M. Tizzoni, M. Szell Data-driven micromobility network planning for demand and safety, *Environment and Planning B* 50(8), 2087–2102 (2023)
- 41. L. Alessandretti, L.G. Natera Oroczo, M. Saberi, M. Szell, F. Battiston Multimodal urban mobility and multilayer transport networks, Environment and Planning B 50(8), 2038–2070 (2023)
- 40. M. Klanjčić, L. Gauvin, M. Tizzoni, M. Szell **Identifying urban features for vulnerable road user safety in Europe**, EPJ Data Science 11, 27 (2022)

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- 37. M. Coscia, M. Szell

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