## Michael Szell

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## **Publications**

- 46. M. Coscia, C. Borgelt, M. Szell **Fast Multiplex Graph Association Rules for Link Prediction**, *arXiv*:2211.12094 (2022, submitted)
- 45. L. Alessandretti, M. Szell **Urban Mobility**, *Compendium of Urban Complexity*, *arXiv*:2211.00355, (2022, submitted)
- 44. A. Battiston, L. Napoli, P. Bajardi, A. Panisson, A. Perotti, M. Szell, R. Schifanella **Revealing the determinants of gender inequality in urban cycling with large-scale data**, arXiv:2203.09378 (2022, submitted)
- 43. S.M. Breum, B. Kostic, M. Szell Computational Desire Line Analysis of Cyclists on the Dybbølsbro Intersection in Copenhagen, *Transport Findings* 56683 (2022)
- 42. P. Folco, L. Gauvin, M. Tizzoni, M. Szell

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- 41. L. Alessandretti, L.G. Natera Oroczo, M. Saberi, M. Szell, F. Battiston Multimodal urban mobility and multilayer transport networks, *Environment and Planning B* (2022, in print)
- 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)
- 39. M. Szell, S. Mimar, T. Perlman, G. Ghoshal, R. Sinatra **Growing urban bicycle networks**, *Scientific Reports* 12, 6765 (2022)
- 38. A. Vybornova, T. Cunha, A. Gühnemann, M. Szell
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- 32. B. Resch, M. Szell

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- 30. M. Szell **Crowdsourced quantification and visualization of urban mobility space inequality**, *Urban Planning* 3, 1-20 (2018)
- 29. S. Grauwin, M. Szell, S. Sobolevsky, P. Hövel, F. Simini, M. Vanhoof, Z. Smoreda, A.-L. Barabási, C. Ratti **Identifying the structural discontinuities of human interactions**, *Scientific Reports* 7, 46677 (2017)
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- 23. M. Szell, P. Santi, C. Ratti **Trip sharing in the era of self-driving cars**, *Autonomous Vehicles Conference*, New York University (2015)
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- 1. M. Szell, F. Judex
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Last updated: December 1, 2022