

Amit Birenboim – List of Publications

Chapters in Collections

1. Shoval, N., M. Isaacson, and **A. Birenboim** (2009). Monitoring Impacts of Visitors with Aggregative GPS Data. In: Gottfried, B., N. Van de Weghe, R. Billen, and P. De Maeyer (eds.), *Proceedings of the 3rd Workshop on Behaviour, Monitoring and Interpretation (BMI'09)*, pp. 33-46. Ghent, Belgium. [\(link\)](#)
2. **Birenboim, A.**, A. Y. Grinberger, E. M. Novelli, and C. R. Jonassaint. (2018). Daily Monitoring of Mobility as an Indicator of Wellbeing Among Individuals with Chronic Disease. In: Margareta, F., D. Ettema, and L. E. Olsson (eds.), *Quality of Life and Daily Travel*, pp. 219–234. Cham: Springer International Publishing. [\(link\)](#)
3. **Birenboim, A.**, S. Anton-Clavé, A.P. Russo, and N. Shoval (2021) Structure vs. Agency: Which Best Explains Tourist Activity in a Destination?. In: Ferrante, M., O. Fritz and Ö. Öner (eds.) *Regional Science Perspectives on Tourism and Hospitality*, pp. 355-373. Cham: Springer International Publishing. [\(link\)](#)

Conference Papers (Peer Reviewed)

1. Ferrante, M., **A. Birenboim**, A. M. Milito, S. De Cantis (2018). Monitoring Event Attendance Using a Combination of Traditional and Advanced Surveying Tools. 49th Meeting of the Italian Statistical Society (SIS), Palermo, Italy [\(link\)](#)

Articles in Peer Reviewed Journals

1. Barzilay, Y., N. Shoval, M. Liebergall, G. K. Auslander, **A. Birenboim**, M. Isaacson, A. R. Vaccaro, and L. Kaplan (2011). Assessing the Outcomes of Spine Surgery Using Global Positioning Systems. *Spine*, 26(4) 256-262. [\(link\)](#)
2. Shoval, N., B. McKercher, E. Ng, and **A. Birenboim** (2011). Hotel Location and Tourist Activity in Cities. *Annals of Tourism Research*, 38(4): 1594-1612. [\(link\)](#)
3. McKercher, B., N. Shoval, E. Ng, and **A. Birenboim** (2012). First and Repeat Visitor Behaviour: GPS Tracking and GIS Analysis in Hong Kong. *Tourism Geographies*, 14(1): 147-161. [\(link\)](#)
4. **Birenboim, A.**, S. Anton Clave, A. P. Russo, and N. Shoval (2013) Temporal Activity Patterns of Theme Park Visitors. *Tourism Geographies*, 15(4): 601-619. [\(link\)](#)
5. Shoval, N., B. McKercher, **A. Birenboim**, and E. Ng (2015). The Application of a Sequence Alignment Method to the Creation of Typologies of Tourist Activity in Time and Space. *Environment and Planning B: Planning and Design*, 42(1):76-94. [\(link\)](#)
6. **Birenboim, A.**, K. H. Reinau, N. Shoval, and H. Harder (2015). High Resolution Measurement and Analysis of Visitor Experiences in Time and Space: The Case of Aalborg Zoo in Denmark. *The Professional Geographer*, 67(4): 620-629. [\(link\)](#)
7. Shoval, N. and **A. Birenboim** (2015). The Implementation of Tracking Technologies in Urban Planning. *Tichnon*, 12(2): 19-36 (Heb). [\(link\)](#)
8. **Birenboim, A.** (2016). New Approaches to the Study of Tourist Experiences in Time and Space. *Tourism Geographies*, 18(1): 9-17. [\(link\)](#)

9. **Birenboim, A.** and N. Shoval (2016). Mobility Research in the Age of the Smartphone. *Annals of the American Association of Geographers*, 106(2): 283-291. [\(link\)](#)
10. Jonassaint, C., **A. Birenboim**, D. R. Jorgensen, E. Novelli, and A. L. Rosso (2018). The Association of Smartphone-Based Activity Space Measures with Cognitive Functioning and Pain Sickle Cell Disease. *British Journal of Haematology*, 181: 395-397. [\(link\)](#)
11. **Birenboim, A.** (2018). The Influence of Urban Environments on Our Subjective Momentary Experiences. *Environment and Planning B: Urban Analytics and City Science*, 45(5): 915-932. [\(link\)](#)
12. Shoval, N. and **A. Birenboim** (2019). Customization and Augmentation of Experiences through Mobile Technologies: A Paradigm Shift in the Analysis of Destination Competitiveness. *Tourism Economics*, 25(5): 661-669 [invited commentary]. [\(link\)](#)
13. **Birenboim, A.**, M. Dijst, F. E. Scheepers, M. Poelman, and M. Helbich (2019). Wearables and Location Tracking Technologies for Mental-State Sensing in Outdoor Environments. *The Professional Geographer*, 71(3): 449-461. [\(link\)](#)
14. **Birenboim, A.**, M. Dijst, D. Ettema, J. de Kruijff, G. de Leeuw, and N. Dogterom (2019). The Utilization of Immersive Virtual Environments for the Investigation of Environmental Preferences. *Landscape and Urban Planning*, 189: 129-138. [\(link\)](#)
15. Hardy, A., **A. Birenboim**, and M. Wells (2020). Using Geoinformatics to Assess Tourist Dispersal at the State Level. *Annals of Tourism Research*, 82. [\(link\)](#)
16. **Birenboim, A.**, P. Ben-Nun Bloom, H. Levit, and I. Omer (2021). The Study of Walking, Walkability and Wellbeing in Immersive Virtual Environments. *International Journal of Environmental Research and Public Health*, 18(2):364. [\(link\)](#)
17. **Birenboim, A.**, M. Helbich, and M.-P. Kwan (2021). Advances in Portable Sensing for Urban Environments: Understanding Cities from a Mobility Perspective. *Computers, Environment and Urban Systems*. [\(link\)](#)
18. Kaplan, N., **A. Birenboim**, N. Omer, and I. Omer (2022). Walking Patterns in Tel Aviv Metropolis: Empirical Findings about Walking Durations and Planning Implications. *Tichnon*, (Heb), 19(1).

Reports

1. Shoval, N., **A. Birenboim**, S. Anton Clavé, M. Isaacson, and P. Russo (2008). Spatial and Temporal Analysis of Visitors to PortAventura Park April 2008. School of Tourism and Leisure (EUTO), University Rovira i Virgili (105 pages).
2. **Birenboim, A.**, K. H. Reinau, N. Shoval, and H. Harder (2013). Evaluation of the ACTUM GPS Data and Advice for Future Research (48 pages). [\(link\)](#)
3. **Birenboim, A.**, Y. Bulis (2020) Smart City / Destination Initiatives. In: Bornioli, A., A. P. Russo, S. Vermeulen, and R. Valente (eds.), *The Spatial Articulation and Local Effects of Tourism and Associated Mobilities*, pp. 33-41 (9 pages). [\(link\)](#)
4. **Birenboim, A.**, J-A. Ivars-Baidal, S. Anton Clavé, A. Ganzaroli, M. Farkash, and A. P. Alcaraz (2021) Tourism, Smartness, Inequality and Social Exclusion in European Regions. In: Bornioli, A., and A. P. Russo (eds.), *Tourism-Related Mobilities, Spatial Effects and Local Responses*, pp. 74-81 (8 pages).