# Zbigniew Smoreda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4333854/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 73 papers | 3,362 citations | 293460 24 h-index | 175968 55 g-index |
| 89 all docs | 89 docs citations | 89 times ranked | 3486 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Potential of cellular signaling data for time-of-day estimation and spatial classification of travel demand: a large-scale comparative study with travel survey and land use data. Transportation Letters, 2022, 14, 787-805. | 1.8 | 5 |
| 2 | Temporary Migration Flow Inference and Analysis From Perspective of Mobile Phone Network Data. IEEE Access, 2022, 10, 23248-23258. | 2.6 | 1 |
| 3 | Impact of Later-Stages COVID-19 Response Measures on Spatiotemporal Mobile Service Usage. , 2022, , . | | 3 |
| 4 | A data-driven approach for originâ€“destination matrix construction from cellular network signalling data: a case study of Lyon region (France). Transportation, 2021, 48, 1671-1702. | 2.1 | 24 |
| 5 | TRANSIT: Fine-grained human mobility trajectory inference at scale with mobile network signaling data. Transportation Research Part C: Emerging Technologies, 2021, 130, 103257. | 3.9 | 23 |
| 6 | Analysing the impact of electrification on rural attractiveness in Senegal with mobile phone data. Royal Society Open Science, 2021, 8, 201898. | 1.1 | 3 |
| 7 | News or social media? Socio-economic divide of mobile service consumption. Journal of the Royal Society Interface, 2021, 18, 20210350. | 1.5 | 9 |
| 8 | Identifying Common Periodicities in Mobile Service Demands with Spectral Analysis. , 2020, , . | | 6 |
| 9 | Methods for Inferring Route Choice of Commuting Trip From Mobile Phone Network Data. ISPRS International Journal of Geo-Information, 2020, 9, 306. | 1.4 | 12 |
| 10 | A method to estimate population densities and electricity consumption from mobile phone data in developing countries. PLoS ONE, 2020, 15, e0235224. | 1.1 | 14 |
| 11 | Title is missing!. , 2020, 15, e0235224. | | 0 |
| 12 | Title is missing!. , 2020, 15, e0235224. | | 0 |
| 13 | Title is missing!. , 2020, 15, e0235224. | | 0 |
| 14 | Title is missing!. , 2020, 15, e0235224. | | 0 |
| 15 | Title is missing!. , 2020, 15, e0235224. | | 0 |
| 16 | Title is missing!. , 2020, 15, e0235224. | | 0 |
| 17 | Inferring and Modeling Migration Flows Using Mobile Phone Network Data. IEEE Access, 2019, 7, 164746-164758. | 2.6 | 18 |
| 18 | How the Quality of Call Detail Records Influences the Detection of Commuting Trips. Lecture Notes in Computer Science, 2019, , 650-662. | 1.0 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Closer to the total? Long-distance travel of French mobile phone users. Travel Behaviour & Society, 2018, 11, 31-42. | 2.4 | 36 |
| 20 | Assessing the Quality of Home Detection from Mobile Phone Data for Official Statistics. Journal of Official Statistics, 2018, 34, 935-960. | 0.1 | 47 |
| 21 | Origin-Destination estimation using mobile network probe data. Transportation Research Procedia, 2018, 32, 69-81. | 0.8 | 23 |
| 22 | Inferring Commuting Flows Using CDR Data. , 2018, , . | | 4 |
| 23 | Comparing Regional Patterns of Individual Movement Using Corrected Mobility Entropy. Journal of Urban Technology, 2018, 25, 27-61. | 2.5 | 18 |
| 24 | A comparison of spatial-based targeted disease mitigation strategies using mobile phone data. EPJ Data Science, 2018, 7, . | 1.5 | 12 |
| 25 | On the privacy-conscientious use of mobile phone data. Scientific Data, 2018, 5, 180286. | 2.4 | 94 |
| 26 | Identifying and modeling the structural discontinuities of human interactions. Scientific Reports, 2017, 7, 46677. | 1.6 | 38 |
| 27 | Assessing the use of mobile phone data to describe recurrent mobility patterns in spatial epidemic models. Royal Society Open Science, 2017, 4, 160950. | 1.1 | 53 |
| 28 | A Tale of Ten Cities: Characterizing Signatures of Mobile Traffic in Urban Areas. IEEE Transactions on Mobile Computing, 2017, 16, 2682-2696. | 3.9 | 59 |
| 29 | Inferring social influence in transport mode choice using mobile phone data. EPJ Data Science, 2017, 6, . | 1.5 | 36 |
| 30 | Not All Apps Are Created Equal. , 2017, , . | | 35 |
| 31 | Exploring the use of mobile phone data for domestic tourism trip analysis. Netcom, 2017, , 335-372. | 0.1 | 11 |
| 32 | Visualizing mobile phone usage for exploratory analysis. , 2016, , . | | 1 |
| 33 | On mobile traffic distribution over cellular backhauling network nodes. , 2016, , . | | 1 |
| 34 | An analytical framework to nowcast well-being using mobile phone data. International Journal of Data Science and Analytics, 2016, 2, 75-92. | 2.4 | 86 |
| 35 | Influence of social relations on human mobility and sociality: a study of social ties in a cellular network. Social Network Analysis and Mining, 2016, 6, 1. | 1.9 | 7 |
| 36 | The anatomy of urban social networks and its implications in the searchability problem. Scientific Reports, 2015, 5, 10265. | 1.6 | 34 |

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|---|---|---|---|
| 37 | Passive Mobile Phone Dataset to Construct Origin-destination Matrix: Potentials and Limitations. Transportation Research Procedia, 2015, 11, 381-398. | 0.8 | 49 |
| 38 | Urban-scale cellular offloading through Wi-Fi access points: A measurement-based case study. , 2015, , . | | 3 |
| 39 | Using big data to study the link between human mobility and socio-economic development. , 2015, , . | | 56 |
| 40 | Mobile data traffic offloading over Passpoint hotspots. Computer Networks, 2015, 84, 76-93. | 3.2 | 8 |
| 41 | Everyday spaceâ€“time geographies: using mobile phone-based sensor data to monitor urban activity in Harbin, Paris, and Tallinn. International Journal of Geographical Information Science, 2015, 29, 2017-2039. | 2.2 | 123 |
| 42 | Discovering urban and country dynamics from mobile phone data with spatial correlation patterns. Telecommunications Policy, 2015, 39, 347-362. | 2.6 | 50 |
| 43 | On the Use of Human Mobility Proxies for Modeling Epidemics. PLoS Computational Biology, 2014, 10, e1003716. | 1.5 | 265 |
| 44 | Quantifying the achievable cellular traffic offloading gain with passpoint hotspots. , 2014, , . | | 1 |
| 45 | The elliptic model for communication fluxes. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P04022. | 0.9 | 3 |
| 46 | Mobility-aware estimation of content consumption hotspots for urban cellular networks. , 2014, , . | | 2 |
| 47 | The scaling of human interactions with city size. Journal of the Royal Society Interface, 2014, 11, 20130789. | 1.5 | 247 |
| 48 | RÃ©seaux et les mutations de la sociabilitÃ©. RÃ©seaux, 2014, nÂ° 184-185, 161-185. | 0.1 | 19 |
| 49 | Exploring the mobility of mobile phone users. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1459-1473. | 1.2 | 182 |
| 50 | A Local Structure-Based Method for Nodes Clustering: Application to a Large Mobile Phone Social Network. Lecture Notes in Social Networks, 2013, , 157-184. | 0.8 | 3 |
| 51 | Unravelling daily human mobility motifs. Journal of the Royal Society Interface, 2013, 10, 20130246. | 1.5 | 379 |
| 52 | Spatiotemporal Data from Mobile Phones for Personal Mobility Assessment. , 2013, , 745-768. | | 24 |
| 53 | Moving and Calling: Mobile Phone Data Quality Measurements and Spatiotemporal Uncertainty in Human Mobility Studies. Lecture Notes in Geoinformation and Cartography, 2013, , 247-265. | 0.5 | 39 |
| 54 | Delineating Geographical Regions with Networks of Human Interactions in an Extensive Set of Countries. PLoS ONE, 2013, 8, e81707. | 1.1 | 104 |

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|---|---|---|---|
| 55 | Content consumption cartography of the paris urban region using cellular probe data. , 2012, , . | | 12 |
| 56 | Weather Effects on Mobile Social Interactions: A Case Study of Mobile Phone Users in Lisbon, Portugal. PLoS ONE, 2012, 7, e45745. | 1.1 | 20 |
| 57 | Socio-Geography of Human Mobility: A Study Using Longitudinal Mobile Phone Data. PLoS ONE, 2012, 7, e39253. | 1.1 | 160 |
| 58 | Le Paris des visiteurs Ã©trangers, quâ€™en disent les tÃ©lÃ©phones mobiles ? InfÃ©rence des pratiques spatiales et frÃ©quentations des sites touristiques en ÃŽle-de-France. Revue Internationale De GÃ©omatique, 2012, 22, 413-437. | 0.2 | 19 |
| 59 | Interplay between Telecommunications and Face-to-Face Interactions: A Study Using Mobile Phone Data. PLoS ONE, 2011, 6, e20814. | 1.1 | 127 |
| 60 | Looking at spatiotemporal city dynamics through mobile phone lenses. , 2011, , . | | 4 |
| 61 | Urban Mobility: Velocity and Uncertainty in Mobile Phone Data. , 2011, , . | | 3 |
| 62 | Out of Sight Out of Mind--How Our Mobile Social Network Changes during Migration. , 2011, , . | | 16 |
| 63 | Extraction De Reseaux Egocentres Dans Un (Tres Grand) Reseau Social. BMS Bulletin of Sociological Methodology/ Bulletin De Methodologie Sociologique, 2009, 101, 5-27. | 0.4 | 4 |
| 64 | Geographical dispersal of mobile communication networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5317-5325. | 1.2 | 326 |
| 65 | Using mobile phone geolocalisation for â€˜socioâ€geographicalâ€™ analysis of coâ€ordination, urban mobilities, and social integration patterns. Tijdschrift Voor Economische En Sociale Geografie, 2008, 99, 584-601. | 1.2 | 40 |
| 66 | Geolocation and Video Ethnography: Capturing Mobile Internet used by a Commuter. Mobilities, 2008, 3, 201-222. | 2.5 | 2 |
| 67 | Le mondial mobile. RÃ©seaux, 2007, 25, 367-392. | 0.1 | 1 |
| 68 | Saisir les pratiques numÃ©riques dans leur globalitÃ©. RÃ©seaux, 2007, 25, 19-43. | 0.1 | 0 |
| 69 | La communication interpersonnelle face Ã  la multiplication des technologies de contact. RÃ©seaux, 2007, 25, 81-115. | 0.1 | 0 |
| 70 | Saisir les pratiques numÃ©riques dans leur globalitÃ©. RÃ©seaux, 2007, 25, 19-43. | 0.1 | 2 |
| 71 | Are social networks technologically embedded?. Social Networks, 2005, 27, 317-335. | 1.3 | 221 |
| 72 | Gender-Specific Use of the Domestic Telephone. Social Psychology Quarterly, 2000, 63, 238. | 1.4 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Power, gender stereotypes and perceptions of heterosexual couples. British Journal of Social Psychology, 1995, 34, 421-435. | 1.8 | 11 |