Hartwig H Hochmair

List of Publications by Year
in descending order

60 papers	1,483 citations	304602 22 h-index	360920 35 g-index
62 all docs	62 docs citations	62 times ranked	1428 citing authors

#	Article	IF	Citations
1	Bicycle trips in Endomondo, Google Maps, and MapQuest: A comparison between South Florida and North Holland. Transportation Letters, 2023, 15, 308-320.	1.8	1
2	Comparison of cycling path characteristics in South Florida and North Holland among three GPS fitness tracker apps. International Journal of Sustainable Transportation, 2022, 16, 804-819.	2.1	1
3	Change Analysis of Urban Tree Canopy in Miami-Dade County. Forests, 2022, 13, 949.	0.9	1
4	Spatial Measurements on USGS Topo Maps. Edis, 2021, 2021, 7.	0.0	0
5	Comparison of spatiotemporal contribution patterns among three crowd-sourcing drone platforms. Journal of Location Based Services, 2021, 15, 280-304.	1.4	3
6	Monitoring the Efficacy of Crested Floatingheart (Nymphoides cristata) Management with Object-Based Image Analysis of UAS Imagery. Remote Sensing, 2021, 13, 830.	1.8	5
7	Modeling interurban mentioning relationships in the U.S. Twitter network using geo-hashtags. Computers, Environment and Urban Systems, 2021, 87, 101621.	3.3	9
8	A Rigorous Observation Model for the Risley Prism-Based Livox Mid-40 Lidar Sensor. Sensors, 2021, 21, 4722.	2.1	13
9	An Introduction to USGS Topo Maps. Edis, 2021, 2021, 7.	0.0	0
10	An Overview of Social Media Apps and their Potential Role in Geospatial Research. ISPRS International Journal of Geo-Information, 2020, 9, 526.	1.4	18
11	Opportunities and Challenges of Geospatial Analysis for Promoting Urban Livability in the Era of Big Data and Machine Learning. ISPRS International Journal of Geo-Information, 2020, 9, 752.	1.4	17
12	Evaluating the data quality of iNaturalist termite records. PLoS ONE, 2020, 15, e0226534.	1.1	56
13	Cartographic Vandalism in the Era of Location-Based Gamesâ€"The Case of OpenStreetMap and PokÃ©mon GO. ISPRS International Journal of Geo-Information, 2020, 9, 197.	1.4	21
14	Using Twitter to Analyze the Effect of Hurricanes on Human Mobility Patterns. Urban Science, 2019, 3, 87.	1.1	17
15	Estimating bicycle trip volume for Miami-Dade county from Strava tracking data. Journal of Transport Geography, 2019, 75, 58-69.	2.3	57
16	Analyzing the spread of tweets in response to Paris attacks. Computers, Environment and Urban Systems, 2018, 71, 14-26.	3.3	39
17	Data Quality of Points of Interest in Selected Mapping and Social Media Platforms. Lecture Notes in Geoinformation and Cartography, 2018, , 293-313.	0.5	17
18	Using Volunteered Geographic Information to measure name changes of artificial geographical features as a result of political changes: a Libya case study. Geo Journal, 2018, 83, 237-255.	1.7	8

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19	Do Online Bicycle Routing Portals Adequately Address Prevalent Safety Concerns?. Safety, 2018, 4, 9.	0.9	6
20	OSM Data Import as an Outreach Tool to Trigger Community Growth? A Case Study in Miami. ISPRS International Journal of Geo-Information, 2018, 7, 113.	1.4	16
21	Analyzing the effect of earthquakes on OpenStreetMap contribution patterns and tweeting activities. Geo-Spatial Information Science, 2018, 21, 195-212.	2.4	27
22	Where to catch â€˜em all? â€“ a geographic analysis of PokÃ©mon Go locations. Geo-Spatial Information Science, 2017, 20, 241-251.	2.4	35
23	Individual Movement Strategies Revealed through Novel Clustering of Emergent Movement Patterns. Scientific Reports, 2017, 7, 44052.	1.6	21
24	Spatiotemporal analysis of photo contribution patterns to Panoramio and Flickr. Cartography and Geographic Information Science, 2017, 44, 170-184.	1.4	33
25	Analyzing Refugee Migration Patterns Using Geo-tagged Tweets. ISPRS International Journal of Geo-Information, 2017, 6, 302.	1.4	25
26	Proliferation of the Invasive TermiteCoptotermes gestroi(Isoptera: Rhinotermitidae) on Grand Cayman and Overall Termite Diversity on the Cayman Islands. Florida Entomologist, 2016, 99, 496-504.	0.2	6
27	Cross-Linkage Between Mapillary Street Level Photos and OSM Edits. Lecture Notes in Geoinformation and Cartography, 2016, , 141-156.	0.5	7
28	User Contribution Patterns and Completeness Evaluation of Mapillary, a Crowdsourced Street Level Photo Service. Transactions in GIS, 2016, 20, 925-947.	1.0	37
29	Spatiotemporal Pattern Analysis of Taxi Trips in New York City. Transportation Research Record, 2016, 2542, 45-56.	1.0	35
30	Positional Accuracy of Twitter and Instagram Images in Urban Environments. GI_Forum, 2016, 4, 191-203.	0.2	12
31	Choice Set Generation for Modeling Scenic Route Choice Behavior with Geographic Information Systems. Transportation Research Record, 2015, 2495, 101-111.	1.0	5
32	Assessing the Completeness of Bicycle Trail and Lane Features in <scp>O</scp>pen<scp>S</scp>treet<scp>M</scp>ap for the <scp>U</scp>nited <scp>S</scp>tates. Transactions in GIS, 2015, 19, 63-81.	1.0	45
33	Analysing user contribution patterns of drone pictures to the dronestagram photo sharing portal. Journal of Spatial Science, 2015, 60, 79-98.	1.0	19
34	Dispersal Flights of the Formosan Subterranean Termite (Isoptera: Rhinotermitidae). Journal of Economic Entomology, 2015, 108, 707-719.	0.8	24
35	Analyzing how travelers choose scenic routes using route choice models. Computers, Environment and Urban Systems, 2015, 50, 41-52.	3.3	56
36	Assessment of Bicycle Service Areas around Transit Stations. International Journal of Sustainable Transportation, 2015, 9, 15-29.	2.1	56

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37	Street network structure and household activity spaces. Urban Studies, 2015, 52, 1090-1112.	2.2	30
38	Areal Delineation of Home Regions from Contribution and Editing Patterns in OpenStreetMap. ISPRS International Journal of Geo-Information, 2014, 3, 1211-1233.	1.4	25
39	Predicting the Geographical Distribution of Two Invasive Termite Species From Occurrence Data. Environmental Entomology, 2014, 43, 1135-1144.	0.7	16
40	Stochastic spread models: A comparison between an individual-based and a lattice-based model for assessing the expansion of invasive termites over a landscape. Ecological Informatics, 2014, 24, 222-230.	2.3	8
41	Intermodal Door-to-Door Routing for People with Physical Impairments in a Web-Based, Open-Source Platform. Transportation Research Record, 2014, 2469, 108-119.	1.0	12
42	Assessing the Effect of Data Imports on the Completeness of <scp>OpenStreetMap</scp> â€“ A <scp>U</scp>nited <scp>S</scp>tates Case Study. Transactions in GIS, 2013, 17, 315-334.	1.0	110
43	The Role of Geographic Information Systems for Analyzing Infestations and Spread Of Invasive Termites (Isoptera: Rhinotermitidae And Termitidae) in Urban South Florida^{Â§}. Florida Entomologist, 2013, 96, 746-755.	0.2	7
44	Simulating the Spread of an Invasive Termite in an Urban Environment Using a Stochastic Individual-Based Model. Environmental Entomology, 2013, 42, 412-423.	0.7	23
45	Positional accuracy analysis of Flickr and Panoramio images for selected world regions. Journal of Spatial Science, 2013, 58, 251-273.	1.0	67
46	Action and interaction in volunteered geographic information: a workshop review. Journal of Location Based Services, 2013, 7, 291-311.	1.4	8
47	Network Structure and Travel Time Perception. PLoS ONE, 2013, 8, e77718.	1.1	51
48	A Conceptual Model for Analyzing Contribution Patterns in the Context of VGI. Lecture Notes in Geoinformation and Cartography, 2013, , 373-388.	0.5	24
49	Identification of Environmental, Managerial, and Sociodemographic Correlates of Hiker Volume on the Florida National Scenic Trail. American Journal of Health Promotion, 2012, 27, e37-e46.	0.9	2
50	Using Free and Proprietary Data to Compare Shortest-Path Lengths for Effective Pedestrian Routing in Street Networks. Transportation Research Record, 2012, 2299, 41-47.	1.0	45
51	Mapping return levels of absolute NDVI variations for the assessment of drought risk in Ethiopia. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 564-572.	1.4	28
52	Network Structure and Spatial Separation. Environment and Planning B: Planning and Design, 2012, 39, 137-154.	1.7	24
53	Comparative Study of Pedestrian Accessibility to Transit Stations Using Free and Proprietary Network Data. Transportation Research Record, 2011, 2217, 145-152.	1.0	72
54	Spatial Association of Marine Dockage With Land-Borne Infestations of Invasive Termites (Isoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Entomology, 2010, 103, 1338-1346.	0.8	29

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55	The Influence of Map Design on Route Choice from Public Transportation Maps in Urban Areas. Cartographic Journal, 2009, 46, 242-256.	0.8	25
56	Impact of Regionalization and Detour on Ad-hoc Path Choice. Spatial Cognition and Computation, 2008, 8, 167-192.	0.6	8
57	An Analysis of the Navigation Metaphorâ€"And Why It Works for the World Wide Web. Spatial Cognition and Computation, 2006, 6, 235-278.	0.6	7
58	Investigating the Effectiveness of the Least-Angle Strategy for Wayfinding in Unknown Street Networks. Environment and Planning B: Planning and Design, 2005, 32, 673-691.	1.7	17
59	Title is missing!. Spatial Cognition and Computation, 2000, 2, 283-313.	0.6	84
60	Comparing the Spatial and Temporal Activity Patterns between Snapchat, Twitter and Flickr in Florida. GI_Forum, 0, 1, 134-147.	0.2	11