

Robert Hecht

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

664
citations

758635

12
h-index

676716

22
g-index

32
all docs

32
docs citations

32
times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	Do land policies make a difference? A data-driven approach to trace effects on urban form in France and Germany. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2022, 49, 114-130.	1.0	7
2	Geospatial Modeling Approaches to Historical Settlement and Landscape Analysis. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 75.	1.4	3
3	Comparative Study on Matching Methods for the Distinction of Building Modifications and Replacements Based on Multi-Temporal Building Footprint Data. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 91.	1.4	0
4	Urban infill development potential in Germany: comparing survey and GIS data. <i>Buildings and Cities</i> , 2021, 2, 36-54.	1.1	10
5	What to do in, and what to expect from, urban green spaces – Indicator-based approach to assess cultural ecosystem services. <i>Urban Forestry and Urban Greening</i> , 2021, 59, 126986.	2.3	31
6	Mapping Public Urban Green Spaces Based on OpenStreetMap and Sentinel-2 Imagery Using Belief Functions. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 251.	1.4	30
7	Automatic Delineation of Urban Growth Boundaries Based on Topographic Data Using Germany as a Case Study. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 353.	1.4	12
8	Two decades of urban and rural restructuring in India: An empirical investigation along Delhi-Mumbai Industrial Corridor. <i>Habitat International</i> , 2021, 117, 102444.	2.3	4
9	Innovative Approaches, Tools and Visualization Techniques for Analysing Land Use Structures and Dynamics of Cities and Regions (Editorial). <i>Journal of Geovisualization and Spatial Analysis</i> , 2020, 4, 1.	2.1	10
10	Urban big data analytics and morphology. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2019, 46, 1203-1205.	1.0	5
11	Mapping Long-Term Dynamics of Population and Dwellings Based on a Multi-Temporal Analysis of Urban Morphologies. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 2.	1.4	20
12	Spatial Assessment of Commuting Patterns in India's National Capital Region. <i>Built Environment</i> , 2019, 45, 507-522.	0.4	1
13	Determinants of commuting patterns in a rural-urban megaregion of India. <i>Transport Policy</i> , 2018, 68, 98-106.	3.4	21
14	Assessing urban containment policies within a suburban context – An approach to enable a regional perspective. <i>Land Use Policy</i> , 2018, 77, 846-858.	2.5	30
15	3D Reconstruction of Urban History Based on Old Maps. <i>Communications in Computer and Information Science</i> , 2018, , 63-79.	0.4	7
16	Investigating the suitability of Sentinel-2 data to derive the urban vegetation structure. , 2018, , .		5
17	A Supervised Approach to Delineate Built-Up Areas for Monitoring and Analysis of Settlements. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 137.	1.4	6
18	A Workflow for Automatic Quantification of Structure and Dynamic of the German Building Stock Using Official Spatial Data. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 142.	1.4	16

#	ARTICLE	IF	CITATIONS
19	Automatic identification of building types based on topographic databases – a comparison of different data sources. <i>International Journal of Cartography</i> , 2015, 1, 18-31.	0.2	64
20	Semantic enrichment of building data with volunteered geographic information to improve mappings of dwelling units and population. <i>Computers, Environment and Urban Systems</i> , 2015, 53, 4-18.	3.3	55
21	Measuring Completeness of Building Footprints in OpenStreetMap over Space and Time. <i>ISPRS International Journal of Geo-Information</i> , 2013, 2, 1066-1091.	1.4	143
22	Data fusion of extremely high resolution aerial imagery and LiDAR data for automated railroad centre line reconstruction. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011, 66, S40-S51.	4.9	39
23	Raumstrukturelle Ausgangssituation und VerÄnderungen der FlÄchennutzung. , 2011, , 19-49.		2
24	Analyzing building stock using topographic maps and GIS. <i>Building Research and Information</i> , 2009, 37, 468-482.	2.0	75
25	Estimation of Urban Green Volume Based on Single-Pulse LiDAR Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008, 46, 3832-3840.	2.7	51
26	Sensitivity analysis in multi-criteria evaluation of the suitability of urban green spaces for recreational activities. <i>AGILE: GIScience Series</i> , 0, 2, 1-8.	0.0	5
27	A WEB APP TO GENERATE AND DISSEMINATE NEW KNOWLEDGE ON URBAN GREEN SPACE QUALITIES AND THEIR ACCESSIBILITY. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, VIII-4/W1-2021, 65-72.	0.0	4
28	Crowd-sourced data collection to support automatic classification of building footprint data. <i>Proceedings of the ICA</i> , 0, 1, 1-7.	0.0	4
29	APPROACHES TO DISTINGUISH –REAL–™ CHANGES FROM –UNREAL–™ CHANGES BASED ON MULTI-TEMPORAL 2D BUILDING FOOTPRINT DATA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-4, 559-563.	0.2	1
30	Approach to user group-specific assessment of urban green spaces for a more equitable supply exemplified by the elderly population. <i>One Ecosystem</i> , 0, 7, .	0.0	2