

TaÃ's Grippa

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,016
citations

623574

14
h-index

610775

24
g-index

40
all docs

40
docs citations

40
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Very High Resolution Object-Based Land Use—Land Cover Urban Classification Using Extreme Gradient Boosting. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 607-611.	1.4	169
2	Less is more: optimizing classification performance through feature selection in a very-high-resolution remote sensing object-based urban application. <i>GIScience and Remote Sensing</i> , 2018, 55, 221-242.	2.4	163
3	Geographical random forests: a spatial extension of the random forest algorithm to address spatial heterogeneity in remote sensing and population modelling. <i>Geocarto International</i> , 2021, 36, 121-136.	1.7	149
4	Mapping Urban Land Use at Street Block Level Using OpenStreetMap, Remote Sensing Data, and Spatial Metrics. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 246.	1.4	70
5	An Open-Source Semi-Automated Processing Chain for Urban Object-Based Classification. <i>Remote Sensing</i> , 2017, 9, 358.	1.8	68
6	Fully Convolutional Networks and Geographic Object-Based Image Analysis for the Classification of VHR Imagery. <i>Remote Sensing</i> , 2019, 11, 597.	1.8	49
7	The Role of Earth Observation in an Integrated Deprived Area Mapping “System” for Low-to-Middle Income Countries. <i>Remote Sensing</i> , 2020, 12, 982.	1.8	40
8	Need for an Integrated Deprived Area “Slum” Mapping System (IDEAMAPS) in Low- and Middle-Income Countries (LMICs). <i>Social Sciences</i> , 2020, 9, 80.	0.7	38
9	Scale Matters: Spatially Partitioned Unsupervised Segmentation Parameter Optimization for Large and Heterogeneous Satellite Images. <i>Remote Sensing</i> , 2018, 10, 1440.	1.8	37
10	Fully convolutional networks for land cover classification from historical panchromatic aerial photographs. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 167, 385-395.	4.9	25
11	Improving Urban Population Distribution Models with Very-High Resolution Satellite Information. <i>Data</i> , 2019, 4, 13.	1.2	23
12	Towards user-driven earth observation-based slum mapping. <i>Computers, Environment and Urban Systems</i> , 2021, 89, 101681.	3.3	22
13	Normalization in Unsupervised Segmentation Parameter Optimization: A Solution Based on Local Regression Trend Analysis. <i>Remote Sensing</i> , 2018, 10, 222.	1.8	17
14	Extending Data for Urban Health Decision-Making: a Menu of New and Potential Neighborhood-Level Health Determinants Datasets in LMICs. <i>Journal of Urban Health</i> , 2019, 96, 514-536.	1.8	16
15	Modelling the Wealth Index of Demographic and Health Surveys within Cities Using Very High-Resolution Remotely Sensed Information. <i>Remote Sensing</i> , 2019, 11, 2543.	1.8	11
16	Diversity of urban growth patterns in Sub-Saharan Africa in the 1960—2010 period. <i>African Geographical Review</i> , 2020, 39, 45-57.	0.6	11
17	Modelling and mapping the intra-urban spatial distribution of Plasmodium falciparum parasite rate using very-high-resolution satellite derived indicators. <i>International Journal of Health Geographics</i> , 2020, 19, 38.	1.2	11
18	Toward an operational framework for fine-scale urban land-cover mapping in Wallonia using submeter remote sensing and ancillary vector data. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 1.	0.6	11

#	ARTICLE	IF	CITATIONS
19	UAV-Based Landfill Land Cover Mapping: Optimizing Data Acquisition and Open-Source Processing Protocols. <i>Drones</i> , 2022, 6, 123.	2.7	11
20	A local segmentation parameter optimization approach for mapping heterogeneous urban environments using VHR imagery. , 2017, , .		9
21	Mouvements migratoires et dynamiques des quartiers ÃBruxelles. <i>Brussels Studies</i> , 0, , .	0.0	9
22	Migratory movements and dynamics of neighbourhoods in Brussels. <i>Brussels Studies</i> , 0, , .	0.0	7
23	Domain Adaptation for Semantic Segmentation of Historical Panchromatic Orthomosaics in Central Africa. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 523.	1.4	6
24	Multiple-airport systems: The (re)development of older airports in view of noise pollution issues. <i>Transport Policy</i> , 2021, 114, 298-311.	3.4	6
25	First 1-M Resolution Land Cover Map Labeling the Overlap in the 3rd Dimension: The 2018 Map for Wallonia. <i>Data</i> , 2020, 5, 117.	1.2	5
26	Migratiebewegingen en dynamische processen in deÃBrusselseÃwijken. <i>Brussels Studies</i> , 0, , .	0.0	4
27	Gridded Urban Deprivation Probability from Open Optical Imagery and Dual-Pol Sar Data. , 2021, , .		4
28	An urban expansion model for African cities using fused multi temporal optical and SAR data. , 2015, , .		3
29	Contribution of nDSM derived from VHR stereo imagery to urban land-cover mapping in Sub-Saharan Africa. , 2017, , .		3
30	An Application of Geographical Random Forests for Population Estimation in Dakar, Senegal using Very-High-Resolution Satellite Imagery. , 2019, , .		3
31	Neighbourhood-level housing quality indices for health assessment in Dakar, Senegal. <i>Geospatial Health</i> , 2021, 16, .	0.3	3
32	UAVs for Fine-Scale Open-Source Landfill Mapping. , 2021, , .		3
33	Mapping slums and model population density using earth observation data and open source solutions. , 2019, , .		2
34	Geo-Ethics in Slum Mapping. , 2021, , .		2
35	Optimizing classification performance in an object-based very-high-resolution land use-land cover urban application. , 2017, , .		2
36	Extraction of African urban and rural structural features using SAR sentinel-1 data. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	A user-driven process for INSPIRE-compliant land use database: example from Wallonia, Belgium. Annals of GIS, 2021, 27, 211-224.	1.4	1
38	Weakly supervised fully convolutional networks using OBIA classification output. , 2019, , .		0