Taïs Grippa

List of Publications by Year
in descending order

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	UAV-Based Landfill Land Cover Mapping: Optimizing Data Acquisition and Open-Source Processing Protocols. Drones, 2022, 6, 123.	2.7	11
2	Geographical random forests: a spatial extension of the random forest algorithm to address spatial heterogeneity in remote sensing and population modelling. Geocarto International, 2021, 36, 121-136.	1.7	149
3	A user-driven process for INSPIRE-compliant land use database: example from Wallonia, Belgium. Annals of GIS, 2021, 27, 211-224.	1.4	1
4	Neighbourhood-level housing quality indices for health assessment in Dakar, Senegal. Geospatial Health, 2021, 16, .	0.3	3
5	Domain Adaptation for Semantic Segmentation of Historical Panchromatic Orthomosaics in Central Africa. ISPRS International Journal of Geo-Information, 2021, 10, 523.	1.4	6
6	Towards user-driven earth observation-based slum mapping. Computers, Environment and Urban Systems, 2021, 89, 101681.	3.3	22
7	Geo-Ethics in Slum Mapping. , 2021, , .		2
8	UAVs for Fine-Scale Open-Source Landfill Mapping. , 2021, , .		3
9	Gridded Urban Deprivation Probability from Open Optical Imagery and Dual-Pol Sar Data. , 2021, , .		4
10	Multiple-airport systems: The (re)development of older airports in view of noise pollution issues. Transport Policy, 2021, 114, 298-311.	3.4	6
11	Diversity of urban growth patterns in Sub-Saharan Africa in the 1960–2010 period. African Geographical Review, 2020, 39, 45-57.	0.6	11
12	Modelling and mapping the intra-urban spatial distribution of Plasmodium falciparum parasite rate using very-high-resolution satellite derived indicators. International Journal of Health Geographics, 2020, 19, 38.	1.2	11
13	Fully convolutional networks for land cover classification from historical panchromatic aerial photographs. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 167, 385-395.	4.9	25
14	First 1-M Resolution Land Cover Map Labeling the Overlap in the 3rd Dimension: The 2018 Map for Wallonia. Data, 2020, 5, 117.	1.2	5
15	Need for an Integrated Deprived Area "Slum" Mapping System (IDEAMAPS) in Low- and Middle-Income Countries (LMICs). Social Sciences, 2020, 9, 80.	0.7	38
16	The Role of Earth Observation in an Integrated Deprived Area Mapping "System" for Low-to-Middle Income Countries. Remote Sensing, 2020, 12, 982.	1.8	40
17	Mapping slums and model population density using earth observation data and open source solutions. , 2019, , .		2
18	Weakly supervised fully convolutional networks using OBIA classification output. , 2019, , .		0

#	Article	IF	Citations
19	An Application of Geographical Random Forests for Population Estimation in Dakar, Senegal using Very-High-Resolution Satellite Imagery. , 2019, , .		3
20	Extending Data for Urban Health Decision-Making: a Menu of New and Potential Neighborhood-Level Health Determinants Datasets in LMICs. Journal of Urban Health, 2019, 96, 514-536.	1.8	16
21	Fully Convolutional Networks and Geographic Object-Based Image Analysis for the Classification of VHR Imagery. Remote Sensing, 2019, 11, 597.	1.8	49
22	Improving Urban Population Distribution Models with Very-High Resolution Satellite Information. Data, 2019, 4, 13.	1.2	23
23	Modelling the Wealth Index of Demographic and Health Surveys within Cities Using Very High-Resolution Remotely Sensed Information. Remote Sensing, 2019, 11, 2543.	1.8	11
24	Very High Resolution Object-Based Land Use–Land Cover Urban Classification Using Extreme Gradient Boosting. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 607-611.	1.4	169
25	Less is more: optimizing classification performance through feature selection in a very-high-resolution remote sensing object-based urban application. GIScience and Remote Sensing, 2018, 55, 221-242.	2.4	163
26	Scale Matters: Spatially Partitioned Unsupervised Segmentation Parameter Optimization for Large and Heterogeneous Satellite Images. Remote Sensing, 2018, 10, 1440.	1.8	37
27	Mapping Urban Land Use at Street Block Level Using OpenStreetMap, Remote Sensing Data, and Spatial Metrics. ISPRS International Journal of Geo-Information, 2018, 7, 246.	1.4	70
28	Normalization in Unsupervised Segmentation Parameter Optimization: A Solution Based on Local Regression Trend Analysis. Remote Sensing, 2018, 10, 222.	1.8	17
29	Contribution of nDSM derived from VHR stereo imagery to urban land-cover mapping in Sub-Saharan Africa. , 2017, , .		3
30	Extraction of African urban and rural structural features using SAR sentinel-1 data. , 2017, , .		1
31	An Open-Source Semi-Automated Processing Chain for Urban Object-Based Classification. Remote Sensing, 2017, 9, 358.	1.8	68
32	Toward an operational framework for fine-scale urban land-cover mapping in Wallonia using submeter remote sensing and ancillary vector data. Journal of Applied Remote Sensing, 2017, 11, 1.	0.6	11
33	A local segmentation parameter optimization approach for mapping heterogeneous urban environments using VHR imagery. , 2017, , .		9
34	Optimizing classification performance in an object-based very-high-resolution land use-land cover urban application. , 2017, , .		2
35	An urban expansion model for African cities using fused multi temporal optical and SAR data. , 2015, , .		3
36	Mouvements migratoires et dynamiques des quartiers ÃÂBruxelles. Brussels Studies, 0, , .	0.0	9

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37	Migratiebewegingen en dynamische processen in de Brusselse wijken. Brussels Studies, 0, , .	0.0	4
38	Migratory movements and dynamics of neighbourhoods in Brussels. Brussels Studies, 0, , .	0.0	7