

# Michele Melchiorri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3836972/publications.pdf>

Version: 2024-02-01

15  
papers

761  
citations

687363

13  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling 25 Years of Planetary Urbanization with Remote Sensing: Perspectives from the Global Human Settlement Layer. <i>Remote Sensing</i> , 2018, 10, 768.	4.0	119
2	Automated global delineation of human settlements from 40 years of Landsat satellite data archives. <i>Big Earth Data</i> , 2019, 3, 140-169.	4.4	106
3	Applying the Degree of Urbanisation to the globe: A new harmonised definition reveals a different picture of global urbanisation. <i>Journal of Urban Economics</i> , 2021, 125, 103312.	4.4	99
4	Principles and Applications of the Global Human Settlement Layer as Baseline for the Land Use Efficiency Indicator“SDG 11.3.1. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 96.	2.9	92
5	Convolutional neural networks for global human settlements mapping from Sentinel-2 satellite imagery. <i>Neural Computing and Applications</i> , 2021, 33, 6697-6720.	5.6	72
6	Multi-Scale Estimation of Land Use Efficiency (SDG 11.3.1) across 25 Years Using Global Open and Free Data. <i>Sustainability</i> , 2019, 11, 5674.	3.2	57
7	The grey-green divide: multi-temporal analysis of greenness across 10,000 urban centres derived from the Global Human Settlement Layer (GHSL). <i>International Journal of Digital Earth</i> , 2020, 13, 101-118.	3.9	46
8	Global anthropogenic emissions in urban areas: patterns, trends, and challenges. <i>Environmental Research Letters</i> , 2021, 16, 074033.	5.2	37
9	Remote Sensing Derived Built-Up Area and Population Density to Quantify Global Exposure to Five Natural Hazards over Time. <i>Remote Sensing</i> , 2018, 10, 1378.	4.0	34
10	Land use efficiency of functional urban areas: Global pattern and evolution of development trajectories. <i>Habitat International</i> , 2022, 123, 102543.	5.8	30
11	Population Trends and Urbanisation in Mountain Ranges of the World. <i>Land</i> , 2021, 10, 255.	2.9	23
12	The Generalised Settlement Area: mapping the Earth surface in the vicinity of built-up areas. <i>International Journal of Digital Earth</i> , 2020, 13, 45-60.	3.9	17
13	Built-up areas are expanding faster than population growth: regional patterns and trajectories in Europe. <i>Journal of Land Use Science</i> , 2022, 17, 591-608.	2.2	13
14	Open and Consistent Geospatial Data on Population Density, Built-Up and Settlements to Analyse Human Presence, Societal Impact and Sustainability: A Review of GHSL Applications. <i>Sustainability</i> , 2021, 13, 7851.	3.2	12
15	Analyzing Cities with the Global Human Settlement Layer: A Methodology to Compare Urban Growth Using Remote Sensing Data. <i>Green Energy and Technology</i> , 2018, , 151-165.	0.6	4