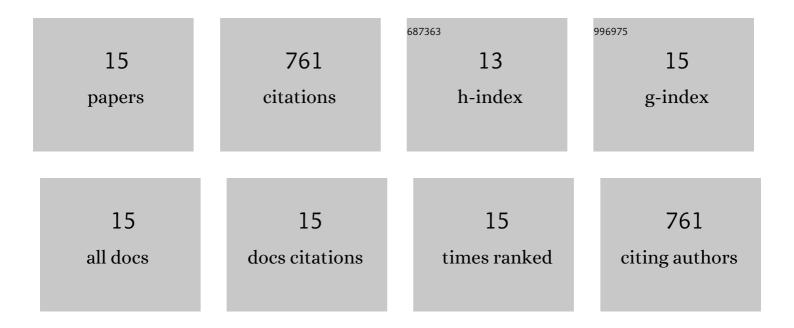
## Michele Melchiorri

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3836972/publications.pdf Version: 2024-02-01



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