

# Marta Chã fer

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

691  
citations

687220

13  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular economy in the building and construction sector: A scientific evolution analysis. <i>Journal of Building Engineering</i> , 2021, 44, 102704.	1.6	122
2	Technological options and strategies towards zero energy buildings contributing to climate change mitigation: A systematic review. <i>Energy and Buildings</i> , 2020, 219, 110009.	3.1	116
3	A comparative life cycle assessment (LCA) of different insulation materials for buildings in the continental Mediterranean climate. <i>Energy and Buildings</i> , 2020, 225, 110323.	3.1	80
4	Embodied energy and embodied carbon of structural building materials: Worldwide progress and barriers through literature map analysis. <i>Energy and Buildings</i> , 2021, 231, 110612.	3.1	73
5	Comparative Analysis of Web of Science and Scopus on the Energy Efficiency and Climate Impact of Buildings. <i>Energies</i> , 2020, 13, 409.	1.6	64
6	Research trends and perspectives of thermal management of electric batteries: Bibliometric analysis. <i>Journal of Energy Storage</i> , 2020, 32, 101976.	3.9	43
7	Thermal characterization of different substrates under dried conditions for extensive green roofs. <i>Energy and Buildings</i> , 2017, 144, 175-180.	3.1	33
8	Inter-building assessment of urban heat island mitigation strategies: Field tests and numerical modelling in a simplified-geometry experimental set-up. <i>Renewable Energy</i> , 2020, 147, 1663-1675.	4.3	31
9	Life cycle assessment (LCA) of a pneumatic municipal waste collection system compared to traditional truck collection. Sensitivity study of the influence of the energy source. <i>Journal of Cleaner Production</i> , 2019, 231, 1122-1135.	4.6	25
10	Trends and gaps in global research of greenery systems through a bibliometric analysis. <i>Sustainable Cities and Society</i> , 2021, 65, 102608.	5.1	22
11	A comparative life cycle assessment between green walls and green facades in the Mediterranean continental climate. <i>Energy and Buildings</i> , 2021, 249, 111236.	3.1	19
12	How internal heat loads of buildings affect the effectiveness of vertical greenery systems? An experimental study. <i>Renewable Energy</i> , 2020, 151, 919-930.	4.3	18
13	Life cycle assessment and life cycle costing of an innovative component for refrigeration units. <i>Journal of Cleaner Production</i> , 2021, 295, 126442.	4.6	16
14	Mobile measurements of microclimatic variables through the central area of Singapore: An analysis from the pedestrian perspective. <i>Sustainable Cities and Society</i> , 2022, 83, 103986.	5.1	13
15	Greenery System for Cooling Down Outdoor Spaces: Results of an Experimental Study. <i>Sustainability</i> , 2020, 12, 5888.	1.6	12
16	Life Cycle Assessment (LCA) of Two Pneumatic Urban Waste Collection Systems Compared to Traditional Truck Collection in an Airport. <i>Sustainability</i> , 2022, 14, 1109.	1.6	4