Eva Cuerva

List of Publications by Year
in descending order

22 papers	590 citations	759233 12 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	595 citing authors

#	Article	IF	Citations
1	Building-integrated rooftop greenhouses: An energy and environmental assessment in the mediterranean context. Applied Energy, 2017, 187, 338-351.	10.1	110
2	Energy mapping of existing building stock in Spain. Journal of Cleaner Production, 2016, 112, 3895-3904.	9.3	92
3	Performance and influence of numerical sub-models on the CFD simulation of free and forced convection in double-glazed ventilated faÃ§ades. Energy and Buildings, 2008, 40, 1781-1789.	6.7	76
4	Roofs of the Future: Rooftop Greenhouses to Improve Buildings Metabolism. Procedia Engineering, 2015, 123, 441-448.	1.2	55
5	Urban planning and agriculture. Methodology for assessing rooftop greenhouse potential of non-residential areas using airborne sensors. Science of the Total Environment, 2017, 601-602, 493-507.	8.0	45
6	Rooftop greenhouses in educational centers: A sustainability assessment of urban agriculture in compact cities. Science of the Total Environment, 2018, 626, 1319-1331.	8.0	41
7	Social perception of urban agriculture in Latin-America. A case study in Mexican social housing. Land Use Policy, 2018, 76, 719-734.	5.6	33
8	Quantifying energy symbiosis of building-integrated agriculture in a mediterranean rooftop greenhouse. Renewable Energy, 2020, 156, 696-709.	8.9	28
9	Building-integrated agriculture: Are we shifting environmental impacts? AnÂenvironmental assessment and structural improvement of urban greenhouses. Resources, Conservation and Recycling, 2021, 169, 105526.	10.8	23
10	Effects of the type of facade on the energy performance of office buildings representative of the city of Barcelona. Ain Shams Engineering Journal, 2018, 9, 3325-3334.	6.1	17
11	Feasibility assessment of rooftop greenhouses in Latin America. The case study of a social neighborhood in Quito, Ecuador. Urban Forestry and Urban Greening, 2019, 44, 126389.	5.3	15
12	Building-integrated greenhouses raise energy co-benefits through active ventilation systems. Building and Environment, 2022, 208, 108585.	6.9	13
13	Sound Absorbing and Insulating Low-Cost Panels from End-of-Life Household Materials for the Development of Vulnerable Contexts in Circular Economy Perspective. Applied Sciences (Switzerland), 2021, 11, 5372.	2.5	12
14	Conversion of End-of-Life Household Materials into Building Insulating Low-Cost Solutions for the Development of Vulnerable Contexts: Review and Outlook towards a Circular and Sustainable Economy. Sustainability, 2021, 13, 4397.	3.2	9
15	Urban greenhouse covering materials: Assessing environmental impacts and crop yields effects. Resources, Conservation and Recycling, 2022, 186, 106527.	10.8	7
16	Improving the Metabolism and Sustainability of Buildings and Cities Through Integrated Rooftop Greenhouses (i-RTG). Sustainable Development and Biodiversity, 2018, , 53-72.	1.7	4
17	Recovering Industrial Heritage: Restoration of the Wine Cellar Cooperative in Falset (Catalonia,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	4
18	A Dataset to Evaluate IEEE 802.15.4g SUN for Dependable Low-Power Wireless Communications in Industrial Scenarios. Data, 2020, 5, 64.	2.3	4

#	Article	IF	Citations
19	Accessibility of emergency evacuation of persons with disabilities in public swimming pools in Barcelona, Spain: a review of literature and regulations. Architectural Engineering and Design Management, 2015, 11, 475-487.	1.7	1
20	Rooftop Greenhouses: Energy And Environmental Synergies Of Bidirectional Integration With The Building.. , 0, , .		1
21	COMPARTMENT AND FAÃ‡ADE LARGE SCALE TESTS: BEHAVIOR COMPARISON OF DIFFERENT INSULATING MATERIALS IN CASE OF FIRE. Applications of Structural Fire Engineering, 0, , .	0.3	0
22	PERCEPCIÃ“N SOCIAL DE LOS TÃ‰CNICOS DEL SECTOR DE LA CONSTRUCCIÃ“N EN ESPAÃ‘A. INFLUENCIA DE LA CRISIS ECONÃ“MICA. Dyna (Spain), 2016, 91, 42-46.	0.2	0