Esther SanyÃ©-Mengual

List of Publications by Year
in descending order

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39 papers	1,719 citations	304743 22 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	1315 citing authors

#	Article	IF	Citations
1	Comparative LCA of recycled and conventional concrete for structural applications. International Journal of Life Cycle Assessment, 2013, 18, 909-918.	4.7	218
2	An environmental and economic life cycle assessment of rooftop greenhouse (RTG) implementation in Barcelona, Spain. Assessing new forms of urban agriculture from the greenhouse structure to the final product level. International Journal of Life Cycle Assessment, 2015, 20, 350-366.	4.7	150
3	Application of life cycle thinking towards sustainable cities: A review. Journal of Cleaner Production, 2017, 166, 939-951.	9.3	110
4	Resolving differing stakeholder perceptions of urban rooftop farming in Mediterranean cities: promoting food production as a driver for innovative forms of urban agriculture. Agriculture and Human Values, 2016, 33, 101-120.	3.0	98
5	Barriers and Opportunities Regarding the Implementation of Rooftop Eco.Greenhouses (RTEG) in Mediterranean Cities of Europe. Journal of Urban Technology, 2012, 19, 87-103.	4.7	83
6	Environmental analysis of the logistics of agricultural products from roof top greenhouses in Mediterranean urban areas. Journal of the Science of Food and Agriculture, 2013, 93, 100-109.	3.5	81
7	Techniques and crops for efficient rooftop gardens in Bologna, Italy. Agronomy for Sustainable Development, 2015, 35, 1477-1488.	5.3	74
8	Integrating Horticulture into Cities: A Guide for Assessing the Implementation Potential of Rooftop Greenhouses (RTGs) in Industrial and Logistics Parks. Journal of Urban Technology, 2015, 22, 87-111.	4.7	63
9	Towards a green sustainable strategy for social neighbourhoods in Latin America: Case from social housing in Merida, Yucatan, Mexico. Habitat International, 2013, 38, 47-56.	5.8	61
10	Social acceptance and perceived ecosystem services of urban agriculture in Southern Europe: The case of Bologna, Italy. PLoS ONE, 2018, 13, e0200993.	2.5	61
11	The global rise of urban rooftop agriculture: A review of worldwide cases. Journal of Cleaner Production, 2021, 296, 126556.	9.3	56
12	Roofs of the Future: Rooftop Greenhouses to Improve Buildings Metabolism. Procedia Engineering, 2015, 123, 441-448.	1.2	55
13	Features and Functions of Multifunctional Urban Agriculture in the Global North: A Review. Frontiers in Sustainable Food Systems, 2020, 4, .	3.9	55
14	Risks in urban rooftop agriculture: Assessing stakeholdersâ€™ perceptions to ensure efficient policymaking. Environmental Science and Policy, 2017, 69, 13-21.	4.9	54
15	Modelling Environmental Burdens of Indoor-Grown Vegetables and Herbs as Affected by Red and Blue LED Lighting. Sustainability, 2019, 11, 4063.	3.2	52
16	Towards Regenerated and Productive Vacant Areas through Urban Horticulture: Lessons from Bologna, Italy. Sustainability, 2016, 8, 1347.	3.2	50
17	How Can Innovation in Urban Agriculture Contribute to Sustainability? A Characterization and Evaluation Study from Five Western European Cities. Sustainability, 2019, 11, 4221.	3.2	44
18	Urban horticulture in retail parks: Environmental assessment of the potential implementation of rooftop greenhouses in European and South American cities. Journal of Cleaner Production, 2018, 172, 3081-3091.	9.3	39

#	Article	IF	Citations
19	Eco-Efficiency Assessment and Food Security Potential of Home Gardening: A Case Study in Padua, Italy. Sustainability, 2018, 10, 2124.	3.2	38
20	Ecoâ€Designing the Use Phase of Products in Sustainable Manufacturing. Journal of Industrial Ecology, 2014, 18, 545-557.	5.5	33
21	Revisiting the Sustainability Concept of Urban Food Production from a Stakeholdersâ€™ Perspective. Sustainability, 2018, 10, 2175.	3.2	33
22	Proper selection of substrates and crops enhances the sustainability of Paris rooftop garden. Agronomy for Sustainable Development, 2017, 37, 1.	5.3	26
23	Ecosystem Services of Urban Agriculture: Perceptions of Project Leaders, Stakeholders and the General Public. Sustainability, 2020, 12, 10446.	3.2	26
24	Sustainable Community Gardens Require Social Engagement and Training: A Usersâ€™ Needs Analysis in Europe. Sustainability, 2019, 11, 3978.	3.2	22
25	Life cycle assessment of energy flow and packaging use in food purchasing. Journal of Cleaner Production, 2012, 25, 51-59.	9.3	20
26	Modeling the EU plastic footprint: Exploring data sources and littering potential. Resources, Conservation and Recycling, 2022, 178, 106086.	10.8	18
27	Technology for Rooftop Greenhouses. Urban Agriculture, 2017, , 83-101.	0.5	16
28	Environmental and self-sufficiency assessment of the energy metabolism of tourist hubs on Mediterranean Islands: The case of Menorca (Spain). Energy Policy, 2014, 65, 377-387.	8.8	15
29	Development of urban solar infrastructure to support low-carbon mobility. Energy Policy, 2015, 85, 102-114.	8.8	13
30	Analysis of the consumerâ€™s perception of urban food products from a soilless system in rooftop greenhouses: a case study from the Mediterranean area of Barcelona (Spain). Agriculture and Human Values, 2019, 36, 375-393.	3.0	13
31	Quality of Life Benefits of Urban Rooftop Gardening for People With Intellectual Disabilities or Mental Health Disorders. Preventing Chronic Disease, 2020, 17, E126.	3.4	10
32	Environmental impacts of household goods in Europe: a process-based life cycle assessment model to assess consumption footprint. International Journal of Life Cycle Assessment, 2021, 26, 2040-2055.	4.7	9
33	Sustainable Design of Packaging Materials. Environmental Footprints and Eco-design of Products and Processes, 2016, , 23-46.	1.1	5
34	Community and Social Justice Aspects of Rooftop Agriculture. Urban Agriculture, 2017, , 277-290.	0.5	5
35	Toward the Creation of Urban Foodscapes: Case Studies of Successful Urban Agriculture Projects for Income Generation, Food Security, and Social Cohesion. Sustainable Development and Biodiversity, 2018, , 91-106.	1.7	4
36	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

#	Article	IF	Citations
37	A Geography of Rooftop Agriculture in 20 Projects. Urban Agriculture, 2017, , 309-382.	0.5	2
38	Eco-Design and Product Carbon Footprint Use in the Packaging Sector. Ecoproduction, 2014, , 221-245.	0.8	2
39	Resource Efficiency and Waste Avoidance. Urban Agriculture, 2017, , 263-276.	0.5	1