

# Jorge Sierra-PÃ©rez

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

656  
citations

623188

14  
h-index

642321

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

793  
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS-based assessment for the potential of implementation of food-energy-water systems on building rooftops at the urban level. <i>Science of the Total Environment</i> , 2022, 803, 149963.	3.9	15
2	Collaborative Methodologies for Creative Processes in the SDGs Framework. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 171-182.	0.0	0
3	Heating Energy Consumption and Environmental Implications Due to the Change in Daily Habits in Residential Buildings Derived from COVID-19 Crisis: The Case of Barcelona, Spain. <i>Sustainability</i> , 2021, 13, 918.	1.6	16
4	Identifying potential applications for residual biomass from urban agriculture through eco-ideation: Tomato stems from rooftop greenhouses. <i>Journal of Cleaner Production</i> , 2021, 295, 126360.	4.6	10
5	Designing sustainable services with the ECO-Service design method: Bridging user experience with environmental performance. <i>Journal of Cleaner Production</i> , 2021, 305, 127228.	4.6	20
6	Conceptualization in the circular economy: Analysing the influence of thinking profiles in creative groups. <i>Journal of Cleaner Production</i> , 2021, 316, 128287.	4.6	3
7	Promoting sustainable consumption in Higher Education Institutions through integrative co-creative processes involving relevant stakeholders. <i>Sustainable Production and Consumption</i> , 2021, 28, 445-458.	5.7	23
8	Design methodology for production systems retrofit in SMEs. <i>International Journal of Production Research</i> , 2020, 58, 4306-4324.	4.9	3
9	Analysis of urban agriculture solid waste in the frame of circular economy: Case study of tomato crop in integrated rooftop greenhouse. <i>Science of the Total Environment</i> , 2020, 734, 139375.	3.9	41
10	Collaborative Methodologies for Creative Processes in the SDGs Framework. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-12.	0.0	1
11	Co-creative Experiences for the Achievement of the Sustainable Development Goals. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 49-57.	0.3	1
12	Introducing ergonomics requirements in the eco-design of energy-related products from users' behaviour approach. <i>Ergonomics</i> , 2019, 62, 940-953.	1.1	4
13	Environmental assessment at the urban level combining LCA-GIS methodologies: A case study of energy retrofits in the Barcelona metropolitan area. <i>Building and Environment</i> , 2018, 134, 191-204.	3.0	51
14	Integrated life cycle assessment and thermodynamic simulation of a public building's envelope renovation: Conventional vs. Passivhaus proposal. <i>Applied Energy</i> , 2018, 212, 1510-1521.	5.1	41
15	The use of forest-based materials for the efficient energy of cities: Environmental and economic implications of cork as insulation material. <i>Sustainable Cities and Society</i> , 2018, 37, 628-636.	5.1	31
16	Metric for measuring the effectiveness of an eco-ideation process. <i>Journal of Cleaner Production</i> , 2017, 162, 865-874.	4.6	29
17	Environmental performance of expanded cork slab and granules through life cycle assessment. <i>Journal of Cleaner Production</i> , 2017, 145, 294-302.	4.6	25
18	Application of life cycle thinking towards sustainable cities: A review. <i>Journal of Cleaner Production</i> , 2017, 166, 939-951.	4.6	110

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19	A Characterisation and Evaluation of Urban Areas from an Energy Efficiency Approach, using Geographic Information Systems in Combination with Life Cycle Assessment Methodology. International Journal of Sustainable Development and Planning, 2017, 12, 294-303.	0.3	12
20	Introducing eco-ideation and creativity techniques to increase and diversify the applications of eco-materials: The case of cork in the building sector. Journal of Cleaner Production, 2016, 137, 606-616.	4.6	29
21	Environmental assessment of façade-building systems and thermal insulation materials for different climatic conditions. Journal of Cleaner Production, 2016, 113, 102-113.	4.6	87
22	Environmental implications of the use of agglomerated cork as thermal insulation in buildings. Journal of Cleaner Production, 2016, 126, 97-107.	4.6	58
23	Production and trade analysis in the Iberian cork sector: Economic characterization of a forest industry. Resources, Conservation and Recycling, 2015, 98, 55-66.	5.3	41
24	Evaluation of GHG Emissions from the Production of Cross-Laminated Timber (CLT): Analysis of Different Life Cycle Inventories. , 0, , .		0