

# Jorge Sierra-PÃ©rez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6061420/publications.pdf>

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	Application of life cycle thinking towards sustainable cities: A review. <i>Journal of Cleaner Production</i> , 2017, 166, 939-951.	4.6	110
2	Environmental assessment of facade-building systems and thermal insulation materials for different climatic conditions. <i>Journal of Cleaner Production</i> , 2016, 113, 102-113.	4.6	87
3	Environmental implications of the use of agglomerated cork as thermal insulation in buildings. <i>Journal of Cleaner Production</i> , 2016, 126, 97-107.	4.6	58
4	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
5	Production and trade analysis in the Iberian cork sector: Economic characterization of a forest industry. <i>Resources, Conservation and Recycling</i> , 2015, 98, 55-66.	5.3	41
6	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
7	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
8	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
9	Introducing eco-ideation and creativity techniques to increase and diversify the applications of eco-materials: The case of cork in the building sector. <i>Journal of Cleaner Production</i> , 2016, 137, 606-616.	4.6	29
10	Metric for measuring the effectiveness of an eco-ideation process. <i>Journal of Cleaner Production</i> , 2017, 162, 865-874.	4.6	29
11	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
12	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
13	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
14	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
15	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
16	A Characterisation and Evaluation of Urban Areas from an Energy Efficiency Approach, using Geographic Information Systems in Combination with Life Cycle Assessment Methodology. <i>International Journal of Sustainable Development and Planning</i> , 2017, 12, 294-303.	0.3	12
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Design methodology for production systems retrofit in SMEs. International Journal of Production Research, 2020, 58, 4306-4324.	4.9	3
20	Conceptualization in the circular economy: Analysing the influence of thinking profiles in creative groups. Journal of Cleaner Production, 2021, 316, 128287.	4.6	3
21	Collaborative Methodologies for Creative Processes in the SDGs Framework. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-12.	0.0	1
22	Co-creative Experiences for the Achievement of the Sustainable Development Goals. Lecture Notes in Mechanical Engineering, 2020, , 49-57.	0.3	1
23	Collaborative Methodologies for Creative Processes in the SDGs Framework. Encyclopedia of the UN Sustainable Development Goals, 2021, , 171-182.	0.0	0
24	Evaluation of GHG Emissions from the Production of Cross-Laminated Timber (CLT): Analysis of Different Life Cycle Inventories. , 0, , .		0