

Mara D Bovea

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67 papers	2,393 citations	29 h-index	48 g-index
68 ext. papers	2,773 ext. citations	7.1 avg, IF	5.73 L-index

#	Paper	IF	Citations
67	Combining O-LCA and O-LCC to support circular economy strategies in organizations: Methodology and case study. <i>Journal of Cleaner Production</i> , 2022 , 336, 130365	10.3	1
66	Carbon footprint assessment tool for universities: CO2UNV. <i>Sustainable Production and Consumption</i> , 2022 , 29, 791-804	8.2	3
65	HOW can organisations measure their level of circularity? A review of available tools. <i>Journal of Cleaner Production</i> , 2022 , 131679	10.3	1
64	Contribution of households' occupant profile in predictions of energy consumption in residential buildings: A statistical approach from Mediterranean survey data. <i>Energy and Buildings</i> , 2021 , 241, 110939	7.9	9
63	Life cycle sustainability assessment: Lessons learned from case studies. <i>Environmental Impact Assessment Review</i> , 2021 , 87, 106517	5.3	9
62	Carbon footprint in Higher Education Institutions: a literature review and prospects for future research. <i>Clean Technologies and Environmental Policy</i> , 2021 , 1-20	4.3	7
61	Which is the best-fit response variable for modelling the energy consumption of households? An analysis based on survey data. <i>Energy</i> , 2021 , 231, 120835	7.9	1
60	How do organisations graphically communicate their sustainability? An exploratory analysis based on corporate reports. <i>Sustainable Production and Consumption</i> , 2021 , 28, 300-314	8.2	2
59	Achieving waste recovery goals in the medium/long term: Eco-efficiency analysis in a Brazilian city by using the LCA approach. <i>Journal of Environmental Management</i> , 2021 , 298, 113457	7.9	1
58	Criteria analysis of green public procurement in the Spanish furniture sector. <i>Journal of Cleaner Production</i> , 2020 , 258, 120704	10.3	15
57	Relationship between green public procurement criteria and sustainability assessment tools applied to office buildings. <i>Environmental Impact Assessment Review</i> , 2020 , 81, 106310	5.3	18
56	Repair vs. replacement: Selection of the best end-of-life scenario for small household electric and electronic equipment based on life cycle assessment. <i>Journal of Environmental Management</i> , 2020 , 254, 109679	7.9	12
55	Exploring residential urban form patterns: a Spanish case study. <i>International Planning Studies</i> , 2020 , 25, 166-188	1.6	3
54	Carbon metric of the household sector in the use stage according to ISO 16745: A case study. <i>Energy Policy</i> , 2019 , 132, 474-489	7.2	2
53	Avaliação do ciclo de vida da coleta seletiva de papel e papelão no núcleo do Bessa, município de João Pessoa (PB), Brasil. <i>Engenharia Sanitária E Ambiental</i> , 2019 , 24, 875-886	0.4	
52	Assessing the social performance of municipal solid waste management systems in developing countries: Proposal of indicators and a case study. <i>Ecological Indicators</i> , 2019 , 98, 164-178	5.8	43
51	Influence of implementing selective collection on municipal waste management systems in developing countries: A Brazilian case study. <i>Resources, Conservation and Recycling</i> , 2018 , 134, 100-111	11.9	29

50	Identifying design guidelines to meet the circular economy principles: A case study on electric and electronic equipment. <i>Journal of Environmental Management</i> , 2018 , 228, 483-494	7.9	46
49	Options for labelling circular products: Icon design and consumer preferences. <i>Journal of Cleaner Production</i> , 2018 , 202, 1253-1263	10.3	11
48	A survey on consumers' attitude towards storing and end of life strategies of small information and communication technology devices in Spain. <i>Waste Management</i> , 2018 , 71, 589-602	8.6	27
47	Temporal evolution of the environmental performance of implementing selective collection in municipal waste management systems in developing countries: A Brazilian case study. <i>Waste Management</i> , 2018 , 72, 65-77	8.6	25
46	Variables that affect the environmental performance of small electrical and electronic equipment. Methodology and case study. <i>Journal of Cleaner Production</i> , 2018 , 203, 1067-1084	10.3	7
45	Incorporation of Circular Aspects into Product Design and Labelling: Consumer Preferences. <i>Sustainability</i> , 2018 , 10, 2311	3.6	10
44	Consumer attitude towards the repair and the second-hand purchase of small household electrical and electronic equipment. A Spanish case study. <i>Journal of Cleaner Production</i> , 2017 , 158, 261-275	10.3	33
43	Environmental and cost performance of building envelope insulation materials to reduce energy demand: Thickness optimisation. <i>Energy and Buildings</i> , 2017 , 150, 527-545	7	57
42	Attitude of the stakeholders involved in the repair and second-hand sale of small household electrical and electronic equipment: Case study in Spain. <i>Journal of Environmental Management</i> , 2017 , 196, 91-99	7.9	24
41	Environmental performance of alternative end-of-life scenarios for electrical and electronic equipment: A case study for vacuum cleaners. <i>Journal of Cleaner Production</i> , 2017 , 159, 158-170	10.3	12
40	Eco-efficiency analysis of the life cycle of interior partition walls: a comparison of alternative solutions. <i>Journal of Cleaner Production</i> , 2016 , 112, 649-665	10.3	23
39	A methodology for predicting the energy performance and indoor thermal comfort of residential stocks on the neighbourhood and city scales. A case study in Spain. <i>Journal of Cleaner Production</i> , 2016 , 139, 646-665	10.3	29
38	Modelling energy efficiency performance of residential building stocks based on Bayesian statistical inference. <i>Environmental Modelling and Software</i> , 2016 , 83, 198-211	5.2	31
37	Developments in life cycle assessment applied to evaluate the environmental performance of construction and demolition wastes. <i>Waste Management</i> , 2016 , 50, 151-72	8.6	110
36	Environmental Product Declarations: exploring their evolution and the factors affecting their demand in Europe. <i>Journal of Cleaner Production</i> , 2016 , 116, 157-169	10.3	37
35	A decision support tool for communicating the environmental performance of products and organisations from the ceramic sector. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 123-138	4.3	5
34	APLICACIÓN DE LA METODOLOGÍA DE ANÁLISIS DE CICLO DE VIDA PARA EVALUAR EL DESEMPEÑO AMBIENTAL DE SISTEMAS DE GESTIÓN DE RESIDUOS EN IBEROAMÉRICA. <i>Revista Internacional De Contaminación Ambiental</i> , 2016 , 32, 23-46	1.2	3
33	Potential reuse of small household waste electrical and electronic equipment: Methodology and case study. <i>Waste Management</i> , 2016 , 53, 204-17	8.6	49

32	Disassembly properties and material characterisation of household small waste electric and electronic equipment. <i>Waste Management</i> , 2016 , 53, 225-36	8.6	21
31	Sustainability on the urban scale: Proposal of a structure of indicators for the Spanish context. <i>Environmental Impact Assessment Review</i> , 2015 , 53, 16-30	5.3	78
30	An in-depth literature review of the waste electrical and electronic equipment context: trends and evolution. <i>Waste Management and Research</i> , 2015 , 33, 3-29	4	99
29	Consumer behaviour and environmental education in the field of waste electrical and electronic toys: a Spanish case study. <i>Waste Management</i> , 2015 , 36, 277-88	8.6	35
28	A holistic review of applied methodologies for assessing and selecting the optimal technological alternative from a sustainability perspective. <i>Journal of Cleaner Production</i> , 2014 , 70, 259-281	10.3	78
27	Attitude towards the incorporation of the selective collection of biowaste in a municipal solid waste management system. A case study. <i>Waste Management</i> , 2014 , 34, 2434-44	8.6	23
26	Analysis of refuse-derived fuel from the municipal solid waste reject fraction and its compliance with quality standards. <i>Journal of Cleaner Production</i> , 2014 , 83, 118-125	10.3	55
25	Waste electric and electronic toys: Management practices and characterisation. <i>Resources, Conservation and Recycling</i> , 2013 , 77, 1-12	11.9	21
24	Assessing the sustainability of Best Available Techniques (BAT): methodology and application in the ceramic tiles industry. <i>Journal of Cleaner Production</i> , 2013 , 51, 162-176	10.3	73
23	A taxonomy of ecodesign tools for integrating environmental requirements into the product design process. <i>Journal of Cleaner Production</i> , 2012 , 20, 61-71	10.3	280
22	Life cycle assessment of construction and demolition waste management systems: a Spanish case study. <i>International Journal of Life Cycle Assessment</i> , 2012 , 17, 232-241	4.6	78
21	Biodrying as a biological process to diminish moisture in gardening and harvest wastes. <i>Environment, Development and Sustainability</i> , 2012 , 14, 1013-1026	4.5	9
20	Analysis of collection systems for sorted household waste in Spain. <i>Waste Management</i> , 2012 , 32, 1623-336	8.6	40
19	Evolution of sorted waste collection: a case study of Spanish cities. <i>Waste Management and Research</i> , 2012 , 30, 859-63	4	6
18	Life cycle assessment of ceramic tiles. Environmental and statistical analysis. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 916-928	4.6	44
17	Environmental assessment of alternative municipal solid waste management strategies. A Spanish case study. <i>Waste Management</i> , 2010 , 30, 2383-95	8.6	147
16	Environmental performance of ceramic tiles: Improvement proposals. <i>Materials & Design</i> , 2010 , 31, 35-41		52
15	Comparison of different collection systems for sorted household waste in Spain. <i>Waste Management</i> , 2010 , 30, 2430-9	8.6	77

14	Safety factor nomograms for homogeneous earth dams less than ten meters high. <i>Engineering Geology</i> , 2009 , 105, 231-238	6	14
13	Comparative life cycle assessment of commonly used refrigerants in commercial refrigeration systems. <i>International Journal of Life Cycle Assessment</i> , 2007 , 12, 299-307	4.6	28
12	The role played by environmental factors in the integration of a transfer station in a municipal solid waste management system. <i>Waste Management</i> , 2007 , 27, 545-53	8.6	22
11	Cradle-to-gate study of red clay for use in the ceramic industry. <i>International Journal of Life Cycle Assessment</i> , 2007 , 12, 439-447	4.6	23
10	Redesign methodology for developing environmentally conscious products. <i>International Journal of Production Research</i> , 2007 , 45, 4057-4072	7.8	54
9	Comparative life cycle assessment of commonly used refrigerants in commercial refrigeration systems 2007 , 12, 299		5
8	Application of life cycle assessment to improve the environmental performance of a ceramic tile packaging system. <i>Packaging Technology and Science</i> , 2006 , 19, 83-95	2.3	14
7	The influence of impact assessment methods on materials selection for eco-design. <i>Materials & Design</i> , 2006 , 27, 209-215		83
6	Alternative scenarios to meet the demands of sustainable waste management. <i>Journal of Environmental Management</i> , 2006 , 79, 115-32	7.9	67
5	Increasing product value by integrating environmental impact, costs and customer valuation. <i>Resources, Conservation and Recycling</i> , 2004 , 41, 133-145	11.9	54
4	Materials selection for sustainable product design: a case study of wood based furniture eco-design. <i>Materials & Design</i> , 2004 , 25, 111-116		63
3	Identifying environmental improvement options by combining life cycle assessment and fuzzy set theory. <i>International Journal of Production Research</i> , 2003 , 41, 593-609	7.8	39
2	New approach to the decay ratio estimation in B.W.R. N.P.P.: Frequency-moments technique. <i>Annals of Nuclear Energy</i> , 1997 , 24, 113-133	1.7	4
1	Complex Lyapunov Exponents from Short and Noisy Sets of Data. Application to Stability Analysis of BWRs. <i>Annals of Nuclear Energy</i> , 1997 , 24, 973-994	1.7	12