Mara D Bovea

List of Publications by Citations

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	A taxonomy of ecodesign tools for integrating environmental requirements into the product design process. *Journal of Cleaner Production*, **2012**, 20, 61-71	10.3	280
66	Environmental assessment of alternative municipal solid waste management strategies. A Spanish case study. *Waste Management*, **2010**, 30, 2383-95	8.6	147
65	Developments in life cycle assessment applied to evaluate the environmental performance of construction and demolition wastes. *Waste Management*, **2016**, 50, 151-72	8.6	110
64	An in-depth literature review of the waste electrical and electronic equipment context: trends and evolution. *Waste Management and Research*, **2015**, 33, 3-29	4	99
63	The influence of impact assessment methods on materials selection for eco-design. *Materials & Design*, **2006**, 27, 209-215		83
62	Sustainability on the urban scale: Proposal of a structure of indicators for the Spanish context. *Environmental Impact Assessment Review*, **2015**, 53, 16-30	5.3	78
61	A holistic review of applied methodologies for assessing and selecting the optimal technological alternative from a sustainability perspective. *Journal of Cleaner Production*, **2014**, 70, 259-281	10.3	78
60	Life cycle assessment of construction and demolition waste management systems: a Spanish case study. *International Journal of Life Cycle Assessment*, **2012**, 17, 232-241	4.6	78
59	Comparison of different collection systems for sorted household waste in Spain. *Waste Management*, **2010**, 30, 2430-9	8.6	77
58	Assessing the sustainability of Best Available Techniques (BAT): methodology and´application in the ceramic tiles industry. *Journal of Cleaner Production*, **2013**, 51, 162-176	10.3	73
57	Alternative scenarios to meet the demands of sustainable waste management. *Journal of Environmental Management*, **2006**, 79, 115-32	7.9	67
56	Materials selection for sustainable product design: a case study of wood based furniture eco-design. *Materials & Design*, **2004**, 25, 111-116		63
55	Environmental and cost performance of building envelope insulation materials to reduce energy demand: Thickness optimisation. *Energy and Buildings*, **2017**, 150, 527-545	7	57
54	Analysis of refuse-derived fuel from the municipal solid waste reject fraction and its compliance with quality standards. *Journal of Cleaner Production*, **2014**, 83, 118-125	10.3	55
53	Redesign methodology for developing environmentally conscious products. *International Journal of Production Research*, **2007**, 45, 4057-4072	7.8	54
52	Increasing product value by integrating environmental impact, costs and customer valuation. *Resources, Conservation and Recycling*, **2004**, 41, 133-145	11.9	54
51	Environmental performance of ceramic tiles: Improvement proposals. *Materials & Design*, **2010**, 31, 35-41		52

50	Potential reuse of small household waste electrical and electronic equipment: Methodology and case study. *Waste Management*, **2016**, 53, 204-17	8.6	49
49	Identifying design guidelines to meet the circular economy principles: A case study on electric and electronic equipment. *Journal of Environmental Management*, **2018**, 228, 483-494	7.9	46
48	Life cycle assessment of ceramic tiles. Environmental and statistical analysis. *International Journal of Life Cycle Assessment*, **2011**, 16, 916-928	4.6	44
47	Assessing the social performance of municipal solid waste management systems in developing countries: Proposal of indicators and a case study. *Ecological Indicators*, **2019**, 98, 164-178	5.8	43
46	Analysis of collection systems for sorted household waste in Spain. *Waste Management*, **2012**, 32, 1623-1636	8.6	40
45	Identifying environmental improvement options by combining life cycle assessment and fuzzy set theory. *International Journal of Production Research*, **2003**, 41, 593-609	7.8	39
44	Environmental Product Declarations: exploring their evolution and the factors affecting their demand in Europe. *Journal of Cleaner Production*, **2016**, 116, 157-169	10.3	37
43	Consumer behaviour and environmental education in the field of waste electrical and electronic toys: a Spanish case study. *Waste Management*, **2015**, 36, 277-88	8.6	35
42	Consumer attitude towards the repair and the second-hand purchase of small household electrical and electronic equipment. A Spanish case study. *Journal of Cleaner Production*, **2017**, 158, 261-275	10.3	33
41	Modelling energy efficiency performance of residential building stocks based on Bayesian statistical inference. *Environmental Modelling and Software*, **2016**, 83, 198-211	5.2	31
40	Influence of implementing selective collection on municipal waste management systems in developing countries: A Brazilian case study. *Resources, Conservation and Recycling*, **2018**, 134, 100-111	11.9	29
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. *Journal of Cleaner Production*, **2016**, 139, 646-665	10.3	29
38	Comparative life cycle assessment of commonly used refrigerants in commercial refrigeration systems. *International Journal of Life Cycle Assessment*, **2007**, 12, 299-307	4.6	28
37	A survey on consumers' attitude towards storing and end of life strategies of small information and communication technology devices in Spain. *Waste Management*, **2018**, 71, 589-602	8.6	27
36	Temporal evolution of the environmental performance of implementing selective collection in municipal waste management systems in developing countries: A Brazilian case study. *Waste Management*, **2018**, 72, 65-77	8.6	25
35	Attitude of the stakeholders involved in the repair and second-hand sale of small household electrical and electronic equipment: Case study in Spain. *Journal of Environmental Management*, **2017**, 196, 91-99	7.9	24
34	Eco-efficiency analysis of the life cycle of interior partition walls: a comparison of alternative solutions. *Journal of Cleaner Production*, **2016**, 112, 649-665	10.3	23
33	Attitude towards the incorporation of the selective collection of biowaste in a municipal solid waste management system. A case study. *Waste Management*, **2014**, 34, 2434-44	8.6	23

32	Cradle-to-gate study of red clay for use in the ceramic industry. *International Journal of Life Cycle Assessment*, **2007**, 12, 439-447	4.6	23
31	The role played by environmental factors in the integration of a transfer station in a municipal solid waste management system. *Waste Management*, **2007**, 27, 545-53	8.6	22
30	Waste electric and electronic toys: Management practices and characterisation. *Resources, Conservation and Recycling*, **2013**, 77, 1-12	11.9	21
29	Disassembly properties and material characterisation of household small waste electric and electronic equipment. *Waste Management*, **2016**, 53, 225-36	8.6	21
28	Relationship between green public procurement criteria and sustainability assessment tools applied to office buildings. *Environmental Impact Assessment Review*, **2020**, 81, 106310	5.3	18
27	Criteria analysis of green public procurement in the Spanish furniture sector. *Journal of Cleaner Production*, **2020**, 258, 120704	10.3	15
26	Safety factor nomograms for homogeneous earth dams less than ten meters high. *Engineering Geology*, **2009**, 105, 231-238	6	14
25	Application of life cycle assessment to improve the environmental performance of a ceramic tile packaging system. *Packaging Technology and Science*, **2006**, 19, 83-95	2.3	14
24	Environmental performance of alternative end-of-life scenarios for electrical and electronic equipment: A case study for vacuum cleaners. *Journal of Cleaner Production*, **2017**, 159, 158-170	10.3	12
23	Complex Lyapunov Exponents from Short and Noisy Sets of Data. Application to Stability Analysis of BWRs. *Annals of Nuclear Energy*, **1997**, 24, 973-994	1.7	12
22	Repair vs. replacement: Selection of the best end-of-life scenario for small household electric and electronic equipment based on life cycle assessment. *Journal of Environmental Management*, **2020**, 254, 109679	7.9	12
21	Options for labelling circular products: Icon design and consumer preferences. *Journal of Cleaner Production*, **2018**, 202, 1253-1263	10.3	11
20	Incorporation of Circular Aspects into Product Design and Labelling: Consumer Preferences. *Sustainability*, **2018**, 10, 2311	3.6	10
19	Biodrying as a biological process to diminish moisture in gardening and harvest wastes. *Environment, Development and Sustainability*, **2012**, 14, 1013-1026	4.5	9
18	Contribution of households' occupant profile in predictions of energy consumption in residential buildings: A statistical approach from Mediterranean survey data. *Energy and Buildings*, **2021**, 241, 110939	7	9
17	Life cycle sustainability assessment: Lessons learned from case studies. *Environmental Impact Assessment Review*, **2021**, 87, 106517	5.3	9
16	Variables that affect the environmental performance of small electrical and electronic equipment. Methodology and case study. *Journal of Cleaner Production*, **2018**, 203, 1067-1084	10.3	7
15	Carbon footprint in Higher Education Institutions: a literature review and prospects for future research. *Clean Technologies and Environmental Policy*, **2021**, 1-20	4.3	7

14	Evolution of sorted waste collection: a case study of Spanish cities. *Waste Management and Research*, **2012**, 30, 859-63	4	6
13	A decision support tool for communicating the environmental performance of products and organisations from the ceramic sector. *Clean Technologies and Environmental Policy*, **2016**, 18, 123-138	4.3	5
12	Comparative life cycle assessment of commonly used refrigerants in commercial refrigeration systems **2007**, 12, 299		5
11	New approach to the decay ratio estimation in B.W.R. N.P.P.: Frequency-moments technique. *Annals of Nuclear Energy*, **1997**, 24, 113-133	1.7	4
10	Carbon footprint assessment tool for universities: CO2UNV. *Sustainable Production and Consumption*, **2022**, 29, 791-804	8.2	3
9	APLICACIÓN DE LA METODOLOGÍA DE ANÁLISIS DE CICLO DE VIDA PARA EVALUAR EL DESEMPEÑO AMBIENTAL DE SISTEMAS DE GESTIÓN DE RESIDUOS EN IBEROAMERICA. *Revista Internacional De Contaminacion Ambiental*, **2016**, 32, 23-46	1.2	3
8	Exploring residential urban form patterns: a Spanish case study. *International Planning Studies*, **2020** , 25, 166-188	1.6	3
7	Carbon metric of the household sector in the use stage according to ISO 16745: A case study. *Energy Policy*, **2019**, 132, 474-489	7.2	2
6	How do organisations graphically communicate their sustainability? An exploratory analysis based on corporate reports. *Sustainable Production and Consumption*, **2021**, 28, 300-314	8.2	2
5	Combining O-LCA and O-LCC to support circular economy strategies in organizations: Methodology and case study. *Journal of Cleaner Production*, **2022**, 336, 130365	10.3	1
4	Which is the best-fit response variable for modelling the energy consumption of households? An analysis based on survey data. *Energy*, **2021**, 231, 120835	7.9	1
3	Achieving waste recovery goals in the medium/long term: Eco-efficiency analysis in a Brazilian city by using the LCA approach. *Journal of Environmental Management*, **2021**, 298, 113457	7.9	1
2	HOW can organisations measure their level of circularity? A review of available tools. *Journal of Cleaner Production*, **2022**, 131679	10.3	1
1	Avaliação do ciclo de vida da coleta seletiva de papel e papelão no núcleo do Bessa, município de João Pessoa (PB), Brasil. *Engenharia Sanitaria E Ambiental*, **2019**, 24, 875-886	0.4	