

# Alessandro Manzardo

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,049  
citations

257101

24  
h-index

253896

43  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Letter to the editor re: "The scarcity-weighted water footprint provides unreliable water sustainability scoring" by. <i>Science of the Total Environment</i> , 2022, 825, 154108.	3.9	3
2	Improving system performance of the refrigeration unit using phase change material (PCM) for transport refrigerated vehicles: An experimental investigation in South China. <i>Journal of Energy Storage</i> , 2022, 51, 104435.	3.9	16
3	A Methodological Proposal for the Climate Change Risk Assessment of Coastal Habitats Based on the Evaluation of Ecosystem Services: Lessons Learnt from the INTERREG Project ECO-SMART. <i>Sustainability</i> , 2022, 14, 7567.	1.6	1
4	Environmental impact assessment of beef cattle production in semi-intensive systems in Paraguay. <i>Sustainable Production and Consumption</i> , 2021, 27, 269-281.	5.7	18
5	Life Cycle Assessment of Polyurethane Foams from Polyols Obtained through Chemical Recycling. <i>ACS Omega</i> , 2021, 6, 1718-1724.	1.6	25
6	Life cycle sustainability dashboard and communication strategies of scientific data for sustainable development. , 2021, , 135-152.		3
7	Building consensus on water use assessment of livestock production systems and supply chains: Outcome and recommendations from the FAO LEAP Partnership. <i>Ecological Indicators</i> , 2021, 124, 107391.	2.6	22
8	Life cycle assessment applied to waste management in Italy: A mini-review of characteristics and methodological perspectives for local assessment. <i>Waste Management and Research</i> , 2021, 39, 1007-1026.	2.2	3
9	Assessing environmental sustainability of local waste management policies in Italy from a circular economy perspective. An overview of existing tools. <i>Sustainable Production and Consumption</i> , 2021, 27, 613-629.	5.7	49
10	Environmental impact of pig production affected by wet acid scrubber as mitigation technology. <i>Sustainable Production and Consumption</i> , 2021, 28, 580-590.	5.7	11
11	Combination of product environmental footprint method and eco-design process according to ISO 14006: The case of an Italian winery. <i>Science of the Total Environment</i> , 2021, 799, 149507.	3.9	10
12	On the reporting and review requirements of ISO 14044. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 478-482.	2.2	4
13	Industrial system prioritization using the sustainability "interval" index conceptual framework with life cycle considerations. <i>AIChE Journal</i> , 2020, 66, e16961.	1.8	7
14	Life Cycle Assessment Framework To Support the Design of Biobased Rigid Polyurethane Foams. <i>ACS Omega</i> , 2019, 4, 14114-14123.	1.6	30
15	Bridging the Data Gap in the Water Scarcity Footprint by Using Crop-Specific AWARE Factors. <i>Water (Switzerland)</i> , 2019, 11, 2634.	1.2	15
16	Runaway Reaction for the Esterification of Acetic Anhydride with Methanol Catalyzed by Sulfuric Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 4195-4202.	1.8	11
17	Multiactor multicriteria decision making for life cycle sustainability assessment under uncertainties. <i>AIChE Journal</i> , 2018, 64, 2103-2112.	1.8	33
18	Definition and application of activity portfolio and control/influence approaches in organizational life cycle assessment. <i>Journal of Cleaner Production</i> , 2018, 184, 264-273.	4.6	9

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19	LCA comparison of traditional open cut and pipe bursting systems for relining water pipelines. Resources, Conservation and Recycling, 2018, 128, 458-469.	5.3	17
20	The WULCA consensus characterization model for water scarcity footprints: assessing impacts of water consumption based on available water remaining (AWARE). International Journal of Life Cycle Assessment, 2018, 23, 368-378.	2.2	471
21	Organizational Life Cycle Assessment: The Introduction of the Production Allocation Burden. Procedia CIRP, 2018, 69, 429-434.	1.0	8
22	Simplified Direct Water Footprint Model to Support Urban Water Management. Water (Switzerland), 2018, 10, 630.	1.2	14
23	Sustainability Assessment Framework for Chemical Processes Selection under Uncertainties: A Vector-Based Algorithm Coupled with Multicriteria Decision-Making Approaches. Industrial & Engineering Chemistry Research, 2018, 57, 7999-8010.	1.8	25
24	Understanding the LCA and ISO water footprint: A response to Hoekstra (2016) – A critique on the water-scarcity weighted water footprint in LCA. Ecological Indicators, 2017, 72, 352-359.	2.6	158
25	Critical Factors and Cause-Effect Analysis for Enhancing the Sustainability of Hydrogen Supply Chain. , 2017, , 55-83.		1
26	Exploring the Direction on the Environmental and Business Performance Relationship at the Firm Level. Lessons from a Literature Review. Sustainability, 2016, 8, 1200.	1.6	26
27	Methodological proposal to assess the water footprint accounting of direct water use at an urban level: A case study of the Municipality of Vicenza. Ecological Indicators, 2016, 69, 165-175.	2.6	27
28	Area of concern: a new paradigm in life cycle assessment for the development of footprint metrics. International Journal of Life Cycle Assessment, 2016, 21, 276-280.	2.2	38
29	Organization Life-Cycle Assessment (OLCA): Methodological Issues and Case Studies in the Beverage-Packaging Sector. Environmental Footprints and Eco-design of Products and Processes, 2016, , 47-73.	0.7	10
30	Lessons learned from the application of different water footprint approaches to compare different food packaging alternatives. Journal of Cleaner Production, 2016, 112, 4657-4666.	4.6	40
31	Is ecosystem restoration worth the effort? The rehabilitation of a Finnish river affects recreational ecosystem services. Ecosystem Services, 2015, 14, 158-169.	2.3	34
32	Prioritization of bioethanol production pathways in China based on life cycle sustainability assessment and multicriteria decision-making. International Journal of Life Cycle Assessment, 2015, 20, 842-853.	2.2	164
33	Water Footprint to Support Environmental Management: An Overview. , 2014, , 33-42.		6
34	How can a life cycle inventory parametric model streamline life cycle assessment in the wooden pallet sector?. International Journal of Life Cycle Assessment, 2014, 19, 901-918.	2.2	29
35	Integration of water footprint accounting and costs for optimal chemical pulp supply mix in paper industry. Journal of Cleaner Production, 2014, 72, 167-173.	4.6	64
36	Water use performance of water technologies: the Cumulative Water Demand and Water Payback Time indicators. Journal of Cleaner Production, 2014, 70, 251-258.	4.6	8

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37	Significance of the use of non-renewable fossil CED as proxy indicator for screening LCA in the beverage packaging sector. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 673-682.	2.2	30
38	Sustainability of hydrogen supply chain. Part I: Identification of critical criteria and causeâ€œeffect analysis for enhancing the sustainability using DEMATEL. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 14159-14171.	3.8	102
39	Design and modeling of sustainable bioethanol supply chain by minimizing the total ecological footprint in life cycle perspective. <i>Bioresource Technology</i> , 2013, 146, 771-774.	4.8	38
40	Fuzzy Multi-actor Multi-criteria Decision Making for sustainability assessment of biomass-based technologies for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 9111-9120.	3.8	101
41	Sustainability of hydrogen supply chain. Part II: Prioritizing and classifying the sustainability of hydrogen supply chains based on the combination of extension theory and AHP. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 13845-13855.	3.8	48
42	Energy Analysis and Sustainability Efficiency Analysis of Different Crop-Based Biodiesel in Life Cycle Perspective. <i>Scientific World Journal</i> , The, 2013, 2013, 1-12.	0.8	29
43	A grey-based group decision-making methodology for the selection of hydrogen technologies in life cycle sustainability perspective. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 17663-17670.	3.8	95
44	Monitoring the carbon footprint of products: a methodological proposal. <i>Journal of Cleaner Production</i> , 2012, 36, 94-101.	4.6	66
45	Voluntary GHG management using a life cycle approach. A case study. <i>Journal of Cleaner Production</i> , 2010, 18, 299-306.	4.6	31
46	The Dashboard of Sustainability to measure the local urban sustainable development: The case study of Padua Municipality. <i>Ecological Indicators</i> , 2009, 9, 364-380.	2.6	99