

# Marzia Traverso

## List of Publications by Citations

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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.

57  
papers

1,971  
citations

20  
h-index

44  
g-index

66  
ext. papers

2,391  
ext. citations

4.7  
avg, IF

5.43  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 57 | Towards Life Cycle Sustainability Assessment. <i>Sustainability</i> , <b>2010</b> , 2, 3309-3322   | 3.6  | 452       |
| 56 | Application challenges for the social Life Cycle Assessment of fertilizers within life cycle sustainability assessment. <i>Journal of Cleaner Production</i> , <b>2014</b> , 69, 34-48                                       | 10.3 | 169       |
| 55 | Introducing the UNEP/SETAC methodological sheets for subcategories of social LCA. <i>International Journal of Life Cycle Assessment</i> , <b>2011</b> , 16, 682-690  | 4.6  | 130       |
| 54 | A UNEP/SETAC approach towards a life cycle sustainability assessment—our contribution to Rio+20. <i>International Journal of Life Cycle Assessment</i> , <b>2013</b> , 18, 1673-1685   | 4.6  | 129       |
| 53 | Towards life cycle sustainability assessment: an implementation to photovoltaic modules. <i>International Journal of Life Cycle Assessment</i> , <b>2012</b> , 17, 1068-1079   | 4.6  | 123       |
| 52 | Social aspects for sustainability assessment of technologies—challenges for social life cycle assessment (SLCA). <i>International Journal of Life Cycle Assessment</i> , <b>2013</b> , 18, 1581-1592                         | 4.6  | 97        |
| 51 | Life Cycle Sustainability Dashboard. <i>Journal of Industrial Ecology</i> , <b>2012</b> , 16, 680-688  | 7.2  | 95        |
| 50 | Life Cycle Costing in Sustainability Assessment—A Case Study of Remanufactured Alternators. <i>Sustainability</i> , <b>2011</b> , 3, 2268-2288   | 3.6  | 69        |
| 49 | The cost of green roofs disposal in a life cycle perspective: Covering the gap. <i>Energy</i> , <b>2012</b> , 48, 406-414  | 7.9  | 50        |
| 48 | Impact Pathways to Address Social Well-Being and Social Justice in SLCA—Fair Wage and Level of Education. <i>Sustainability</i> , <b>2014</b> , 6, 4839-4857   | 3.6  | 49        |
| 47 | Embedding “substrate” in environmental assessment of green roofs life cycle: evidences from an application to the whole chain in a Mediterranean site. <i>Journal of Cleaner Production</i> , <b>2012</b> , 35, 274-287      | 10.3 | 47        |
| 46 | Life cycle approach to sustainability assessment: a case study of remanufactured alternators. <i>Journal of Remanufacturing</i> , <b>2012</b> , 2, 1   | 2.6  | 45        |
| 45 | Environmental performance of building materials: life cycle assessment of a typical Sicilian marble. <i>International Journal of Life Cycle Assessment</i> , <b>2010</b> , 15, 104-114                                       | 4.6  | 42        |
| 44 | Review of Life Cycle Sustainability Assessment and Potential for Its Adoption at an Automotive Company. <i>Sustainability</i> , <b>2017</b> , 9, 670   | 3.6  | 41        |
| 43 | Towards social life cycle assessment: a quantitative product social impact assessment. <i>International Journal of Life Cycle Assessment</i> , <b>2018</b> , 23, 597-606   | 4.6  | 30        |
| 42 | An Italian tomato “Cuore di Bue” case study: challenges and benefits using subcategory assessment method for social life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , <b>2018</b> , 23, 569-580 | 4.6  | 28        |
| 41 | Social Life Cycle Assessment in the Textile Sector: An Italian Case Study. <i>Sustainability</i> , <b>2017</b> , 9, 2092   | 3.6  | 28        |

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| 40 | Product social impact assessment. <i>International Journal of Life Cycle Assessment</i> , <b>2018</b> , 23, 547-555  | 4.6  | 27 |
| 39 | Artificial Neural Networks to assess energy and environmental performance of buildings: An Italian case study. <i>Journal of Cleaner Production</i> , <b>2019</b> , 239, 117993  | 10.3 | 27 |
| 38 | Application of optimized artificial intelligence algorithm to evaluate the heating energy demand of non-residential buildings at European level. <i>Energy</i> , <b>2019</b> , 176, 380-391  | 7.9  | 26 |
| 37 | Implementing the guidelines for social life cycle assessment: past, present, and future. <i>International Journal of Life Cycle Assessment</i> , <b>2020</b> , 25, 1910-1929   | 4.6  | 19 |
| 36 | Using Analytical Hierarchy Process (AHP) to Introduce Weights to Social Life Cycle Assessment of Mobility Services. <i>Sustainability</i> , <b>2021</b> , 13, 1258   | 3.6  | 19 |
| 35 | How sustainable are sustainability conferences? [Comprehensive Life Cycle Assessment of an international conference series in Europe. <i>Journal of Cleaner Production</i> , <b>2020</b> , 242, 118516   | 10.3 | 17 |
| 34 | Principles for the application of life cycle sustainability assessment. <i>International Journal of Life Cycle Assessment</i> , <b>2021</b> , 26, 1900-1905  | 4.6  | 15 |
| 33 | Marble quarrying: an energy and waste intensive activity in the production of building materials. <i>WIT Transactions on Ecology and the Environment</i> , <b>2008</b> ,   | 1    | 14 |
| 32 | Towards social life cycle assessment of mobility services: systematic literature review and the way forward. <i>International Journal of Life Cycle Assessment</i> , <b>2020</b> , 25, 1883-1909   | 4.6  | 14 |
| 31 | Circularity potential of rare earths for sustainable mobility: Recent developments, challenges and future prospects. <i>Journal of Cleaner Production</i> , <b>2021</b> , 292, 126089  | 10.3 | 14 |
| 30 | Assessing impacts of responsible sourcing initiatives for cobalt: Insights from a case study. <i>Resources Policy</i> , <b>2021</b> , 71, 102015   | 7.2  | 13 |
| 29 | Life cycle assessment of asphalt variants in infrastructures: The case of lignin in Australian road pavements. <i>Structures</i> , <b>2020</b> , 25, 190-199   | 3.4  | 13 |
| 28 | In itinere strategic environmental assessment of an integrated provincial waste system. <i>Waste Management and Research</i> , <b>2009</b> , 27, 390-8   | 4    | 9  |
| 27 | How to Obtain Accurate Environmental Impacts at Early Design Stages in BIM When Using Environmental Product Declaration. A Method to Support Decision-Making. <i>Sustainability</i> , <b>2020</b> , 12, 6927 <sup>6</sup>                              | 7.6  | 9  |
| 26 | Sustainability Performance of an Italian Textile Product. <i>Economies</i> , <b>2018</b> , 6, 17   | 2    | 8  |
| 25 | Application of Life Cycle Sustainability Assessment in the Construction Sector: A Systematic Literature Review. <i>Processes</i> , <b>2021</b> , 9, 1248   | 2.9  | 8  |
| 24 | Preface new paradigm for life cycle thinking: exploring sustainability in urban development scenarios. <i>International Journal of Life Cycle Assessment</i> , <b>2019</b> , 24, 1169-1173   | 4.6  | 7  |
| 23 | Social aspects of water consumption: risk of access to unimproved drinking water and to unimproved sanitation facilities in an example from the automobile industry. <i>International Journal of Life Cycle Assessment</i> , <b>2018</b> , 23, 940-956 | 4.6  | 7  |

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| 22 | Convolutional Neural Network for Dust and Hotspot Classification in PV Modules. <i>Energies</i> , <b>2020</b> , 13, 6357   | 3.1  | 6 |
| 21 | Environmental Product Declarations as Data Source for the Environmental Assessment of Buildings in the Context of Level(s) and DGNB: How Feasible Is Their Adoption?. <i>Sustainability</i> , <b>2021</b> , 13, 6143                             | 3.6  | 6 |
| 20 | Life Cycle Sustainability Assessment of a dish-Stirling Concentrating Solar Power Plant in the Mediterranean area. <i>Sustainable Energy Technologies and Assessments</i> , <b>2021</b> , 47, 101444   | 4.7  | 6 |
| 19 | Costructural law, exergy analysis and life cycle energy sustainability assessment: an expanded framework applied to a boiler. <i>International Journal of Life Cycle Assessment</i> , <b>2020</b> , 25, 2063-2085                                | 4.6  | 5 |
| 18 | S-LCA applications: a case studies analysis. <i>E3S Web of Conferences</i> , <b>2018</b> , 74, 10009   | 0.5  | 5 |
| 17 | Effects of residence time on life cycle assessment of bioenergy production from dairy manure. <i>Bioresource Technology Reports</i> , <b>2018</b> , 4, 57-65   | 4.1  | 5 |
| 16 | Improving data management system from health, Safety and Environmental data external assurance. <i>Journal of Cleaner Production</i> , <b>2020</b> , 256, 120240   | 10.3 | 4 |
| 15 | Life Cycle Assessment of an Integrated Steel Mill Using Primary Manufacturing Data: Actual Environmental Profile. <i>Sustainability</i> , <b>2021</b> , 13, 3443   | 3.6  | 4 |
| 14 | A framework to identify environmental-economic trade-offs by combining life cycle assessment and life cycle costing   A case study of aluminium production. <i>Journal of Cleaner Production</i> , <b>2021</b> , 321, 128902                     | 10.3 | 4 |
| 13 | Carbon footprint of scenarios towards climate-neutral steel according to ISO 14067. <i>Journal of Cleaner Production</i> , <b>2021</b> , 318, 128588   | 10.3 | 4 |
| 12 | Managing Life Cycle Sustainability Aspects in the Automotive Industry. <i>LCA Compendium</i> , <b>2015</b> , 331-339   |      | 3 |
| 11 | Integrated approach to the assessment of waste management systems within the SEA framework. <i>International Journal of Environmental Technology and Management</i> , <b>2007</b> , 7, 68  | 0.6  | 3 |
| 10 | First Life Cycle Impact Considerations of Two Wave Energy Converters <b>2018</b> ,   |      | 3 |
| 9  | Towards a sustainable district: a streamlined Life cycle assessment applied to an Italian urban district. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 323, 012095  | 0.3  | 2 |
| 8  | Energy and environmental analysis of marble productive sites: By phases and By single process combined approach.. <i>Energy Procedia</i> , <b>2018</b> , 148, 1183-1190  | 2.3  | 2 |
| 7  | Discussion Panel   Assessment of Externalities: Monetisation and Social LCA <b>2018</b> , 391-396  |      | 1 |
| 6  | A comparative LCA as a tool for evaluating existing best available techniques (BATs) in facing brick manufacturing and more eco-sustainable coating solutions. <i>International Journal of Life Cycle Assessment</i> , <b>2021</b> , 26, 673-691 | 4.6  | 1 |
| 5  | Social hotspots life cycle assessment: A case study on social risks of an antimicrobial keyboard cover. <i>Journal of Cleaner Production</i> , <b>2021</b> , 311, 127787   | 10.3 | 1 |

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| 4 | Social Life Cycle Indicators Towards a Sustainability Label of a Natural Stone for Coverings <b>2022</b> , 207-216   | o     |
| 3 | Life Cycle Sustainability Assessment A Survey Based Potential Future Development for Implementation and Interpretation. <i>Sustainability</i> , <b>2021</b> , 13, 13688                            | 3.6 o |
| 2 | An effect factor approach for quantifying the impact of plastic additives on aquatic biota in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , <b>2022</b> , 27, 564 | 4.6 o |
| 1 | Applying social life cycle assessment to evaluate the use phase of mobility services: a case study in Berlin.. <i>International Journal of Life Cycle Assessment</i> , <b>2022</b> , 27, 1-20      | 4.6 o |