# Matthias Finkbeiner

List of Publications by Year
in descending order

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| 204 | 7,347 | 53660 45 | 69108 77 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 210 | 210 | 210 | 5859 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The New International Standards for Life Cycle Assessment: ISO 14040 and ISO 14044. International Journal of Life Cycle Assessment, 2006, 11, 80-85. | 2.2 | 648 |
| 2 | Towards Life Cycle Sustainability Assessment. Sustainability, 2010, 2, 3309-3322. | 1.6 | 581 |
| 3 | Carbon footprintingâ€"opportunities and threats. International Journal of Life Cycle Assessment, 2009, 14, 91-94. | 2.2 | 279 |
| 4 | Application challenges for the social Life Cycle Assessment of fertilizers within life cycle sustainability assessment. Journal of Cleaner Production, 2014, 69, 34-48. | 4.6 | 198 |
| 5 | Water Footprinting: How to Address Water Use in Life Cycle Assessment?. Sustainability, 2010, 2, 919-944. | 1.6 | 193 |
| 6 | Understanding the LCA and ISO water footprint: A response to Hoekstra (2016) â€œA critique on the water-scarcity weighted water footprint in LCAâ€• Ecological Indicators, 2017, 72, 352-359. | 2.6 | 158 |
| 7 | Towards life cycle sustainability assessment: an implementation to photovoltaic modules. International Journal of Life Cycle Assessment, 2012, 17, 1068-1079. | 2.2 | 143 |
| 8 | Water Accounting and Vulnerability Evaluation (WAVE): Considering Atmospheric Evaporation Recycling and the Risk of Freshwater Depletion in Water Footprinting. Environmental Science & Technology, 2014, 48, 4521-4528. | 4.6 | 135 |
| 9 | Life Cycle Sustainability Dashboard. Journal of Industrial Ecology, 2012, 16, 680-688. | 2.8 | 123 |
| 10 | Social aspects for sustainability assessment of technologiesâ€"challenges for social life cycle assessment (SLCA). International Journal of Life Cycle Assessment, 2013, 18, 1581-1592. | 2.2 | 122 |
| 11 | Methodological Challenges in Volumetric and Impactâ€Oriented Water Footprints. Journal of Industrial Ecology, 2013, 17, 79-89. | 2.8 | 104 |
| 12 | Product environmental footprintâ€"breakthrough or breakdown for policy implementation of life cycle assessment?. International Journal of Life Cycle Assessment, 2014, 19, 266-271. | 2.2 | 95 |
| 13 | Indirect land use change â€“ Help beyond the hype?. Biomass and Bioenergy, 2014, 62, 218-221. | 2.9 | 95 |
| 14 | LCAâ€™s theory and practice: like ebony and ivory living in perfect harmony?. International Journal of Life Cycle Assessment, 2013, 18, 5-13. | 2.2 | 92 |
| 15 | How LCA contributes to the environmental assessment of higher order effects of ICT application: A review of different approaches. Journal of Cleaner Production, 2019, 219, 698-712. | 4.6 | 92 |
| 16 | Defining the baseline in social life cycle assessment. International Journal of Life Cycle Assessment, 2010, 15, 376-384. | 2.2 | 90 |
| 17 | Enhancing the practical implementation of life cycle sustainability assessment â€“ proposal of a Tiered approach. Journal of Cleaner Production, 2015, 102, 165-176. | 4.6 | 85 |
| 18 | Life Cycle Costing in Sustainability Assessmentâ€"A Case Study of Remanufactured Alternators. Sustainability, 2011, 3, 2268-2288. | 1.6 | 81 |

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| 19 | The economic resource scarcity potential (ESP) for evaluating resource use based on life cycle assessment. International Journal of Life Cycle Assessment, 2014, 19, 601-610. | 2.2 | 79 |
| 20 | Integrated method to assess resource efficiency â€“ ESSENZ. Journal of Cleaner Production, 2016, 137, 118-130. | 4.6 | 79 |
| 21 | Addressing Sustainability and Flexibility in Manufacturing Via Smart Modular Machine Tool Frames to Support Sustainable Value Creation. Procedia CIRP, 2015, 29, 514-519. | 1.0 | 78 |
| 22 | Social organizational LCA (SOLCA)â€”a new approach for implementing social LCA. International Journal of Life Cycle Assessment, 2015, 20, 1586-1599. | 2.2 | 73 |
| 23 | The anthropogenic stock extended abiotic depletion potential (AADP) as a new parameterisation to model the depletion of abiotic resources. International Journal of Life Cycle Assessment, 2011, 16, 929-936. | 2.2 | 72 |
| 24 | Environmental and Social Life Cycle Assessment of Welding Technologies. Procedia CIRP, 2015, 26, 293-298. | 1.0 | 72 |
| 25 | Including biodiversity in life cycle assessment â€“ State of the art, gaps and research needs. Environmental Impact Assessment Review, 2017, 67, 88-100. | 4.4 | 72 |
| 26 | Water Footprint of European Cars: Potential Impacts of Water Consumption along Automobile Life Cycles. Environmental Science & Technology, 2012, 46, 4091-4099. | 4.6 | 70 |
| 27 | Type III Environmental Declaration Programmes and harmonization ofÂproduct category rules: status quo and practical challenges. Journal of Cleaner Production, 2015, 94, 235-246. | 4.6 | 70 |
| 28 | Application of the Cereal Unit in a new allocation procedure for agricultural life cycle assessments. Journal of Cleaner Production, 2014, 73, 72-79. | 4.6 | 68 |
| 29 | Abiotic resource depletion in LCAâ€”background and update of the anthropogenic stock extended abiotic depletion potential (AADP) model. International Journal of Life Cycle Assessment, 2015, 20, 709-721. | 2.2 | 66 |
| 30 | Application of Life Cycle Assessment for the Environmental Certificate of the Mercedes-Benz S-Class (7) Tj ETQq0 0 0 rgBT /Overlock 10 | 2.2 | 65 |
| 31 | From Life Cycle Costing to Economic Life Cycle Assessmentâ€”Introducing an Economic Impact Pathway. Sustainability, 2016, 8, 428. | 1.6 | 63 |
| 32 | The cost of green roofs disposal in a life cycle perspective: Covering the gap. Energy, 2012, 48, 406-414. | 4.5 | 61 |
| 33 | Modeling crop rotation in agricultural LCAs â€” Challenges and potential solutions. Agricultural Systems, 2015, 138, 66-76. | 3.2 | 58 |
| 34 | Regional carbon footprints of households: a German case study. Environment, Development and Sustainability, 2016, 18, 577-591. | 2.7 | 57 |
| 35 | Challenges in Life Cycle Assessment: An Overview of Current Gaps and Research Needs. LCA Compendium, 2014, , 207-258. | 0.8 | 57 |
| 36 | Embedding â€œsubstrateâ€•in environmental assessment of green roofs life cycle: evidences from an application to the whole chain in a Mediterranean site. Journal of Cleaner Production, 2012, 35, 274-287. | 4.6 | 56 |

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| 37 | Integration of Social Aspects in Decision Support, Based on Life Cycle Thinking. Sustainability, 2011, 3, 562-577. | 1.6 | 55 |
| 38 | Life cycle approach to sustainability assessment: a case study of remanufactured alternators. Journal of Remanufacturing, 2012, 2, 1. | 1.6 | 55 |
| 39 | Impact Pathways to Address Social Well-Being and Social Justice in SLCAâ€"Fair Wage and Level of Education. Sustainability, 2014, 6, 4839-4857. | 1.6 | 55 |
| 40 | From the 40s to the 70sâ€"the future of LCA in the ISO 14000 family. International Journal of Life Cycle Assessment, 2013, 18, 1-4. | 2.2 | 53 |
| 41 | Life Cycle Assessment of welding technologies for thick metal plate welds. Journal of Cleaner Production, 2015, 108, 46-53. | 4.6 | 53 |
| 42 | Principles for the application of life cycle sustainability assessment. International Journal of Life Cycle Assessment, 2021, 26, 1900-1905. | 2.2 | 53 |
| 43 | Scoping organizational LCAâ€"challenges and solutions. International Journal of Life Cycle Assessment, 2015, 20, 829-841. | 2.2 | 51 |
| 44 | Review of Life Cycle Sustainability Assessment and Potential for Its Adoption at an Automotive Company. Sustainability, 2017, 9, 670. | 1.6 | 51 |
| 45 | Environmental performance of building materials: life cycle assessment of a typical Sicilian marble. International Journal of Life Cycle Assessment, 2010, 15, 104-114. | 2.2 | 50 |
| 46 | Sustainability Assessment of a Single-Use Plastics Ban. Sustainability, 2020, 12, 3746. | 1.6 | 48 |
| 47 | Correlation analysis of life cycle impact assessment indicators measuring resource use. International Journal of Life Cycle Assessment, 2011, 16, 74-81. | 2.2 | 46 |
| 48 | Comparison of Different Monetization Methods in LCA: A Review. Sustainability, 2020, 12, 10493. | 1.6 | 46 |
| 49 | Product environmental footprint in policy and market decisions: Applicability and impact assessment. Integrated Environmental Assessment and Management, 2015, 11, 417-424. | 1.6 | 45 |
| 50 | Product Environmental Footprint (PEF) Pilot Phaseâ€"Comparability over Flexibility?. Sustainability, 2018, 10, 2898. | 1.6 | 44 |
| 51 | A Review of Life Cycle Assessment Studies of Electric Vehicles with a Focus on Resource Use. Resources, 2020, 9, 32. | 1.6 | 44 |
| 52 | The International Standards as the Constitution of Life Cycle Assessment: The ISO 14040 Series and its Offspring. LCA Compendium, 2014, , 85-106. | 0.8 | 40 |
| 53 | Organizational LCA: the new member of the LCA familyâ€"introducing the UNEP/SETAC Life Cycle Initiative guidance document. International Journal of Life Cycle Assessment, 2015, 20, 1045-1047. | 2.2 | 39 |
| 54 | Statistical analysis of empirical lifetime mileage data for automotive LCA. International Journal of Life Cycle Assessment, 2016, 21, 215-223. | 2.2 | 39 |

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| 55 | Urban horticulture in retail parks: Environmental assessment of the potential implementation of rooftop greenhouses in European and South American cities. Journal of Cleaner Production, 2018, 172, 3081-3091. | 4.6 | 39 |
| 56 | Enhancing the Water Accounting and Vulnerability Evaluation Model: WAVE+. Environmental Science & Technology, 2018, 52, 10757-10766. | 4.6 | 39 |
| 57 | Saving the Planetâ€™s Climate or Water Resources? The Trade-Off between Carbon and Water Footprints of European Biofuels. Sustainability, 2015, 7, 6665-6683. | 1.6 | 37 |
| 58 | Modeling pharmaceutical emissions and their toxicityâ€related effects in life cycle assessment (LCA): A review. Integrated Environmental Assessment and Management, 2019, 15, 6-18. | 1.6 | 37 |
| 59 | A comprehensive approach towards product and organisation related environmental management tools. International Journal of Life Cycle Assessment, 1998, 3, 169. | 2.2 | 36 |
| 60 | Life cycle assessment of decarbonization optionsâ€”towards scientifically robust carbon neutrality. International Journal of Life Cycle Assessment, 2021, 26, 635-639. | 2.2 | 35 |
| 61 | Calculation of Fair wage potentials along products' life cycle â€“ Introduction of a new midpoint impact category for social life cycle assessment. Journal of Cleaner Production, 2017, 143, 1221-1232. | 4.6 | 34 |
| 62 | Crop rotations and crop residues are relevant parameters for agricultural carbon footprints. Agronomy for Sustainable Development, 2017, 37, 1. | 2.2 | 34 |
| 63 | Life cycle assessment of flexibly fed biogas processes for an improved demand-oriented biogas supply. Bioresource Technology, 2016, 219, 536-544. | 4.8 | 33 |
| 64 | Enhancing the assessment of critical resource use at the country level with the SCARCE method â€“ Case study of Germany. Resources Policy, 2017, 53, 283-299. | 4.2 | 33 |
| 65 | Introducing weights to life cycle sustainability assessmentâ€”how do decision-makers weight sustainability dimensions?. International Journal of Life Cycle Assessment, 2019, 24, 530-542. | 2.2 | 33 |
| 66 | Approach to qualify decision support maturity of new versus established impact assessment methodsâ€”demonstrated for the categories acidification and eutrophication. International Journal of Life Cycle Assessment, 2017, 22, 387-397. | 2.2 | 32 |
| 67 | Renewable electricity targets in selected MENA countries â€“ Assessment of available resources, generation costs and GHG emissions. Energy Reports, 2019, 5, 1470-1487. | 2.5 | 31 |
| 68 | Hydrogen and hydrogen-derived fuels through methane decomposition of natural gas â€“ GHG emissions and costs. Energy Conversion and Management: X, 2020, 7, 100043. | 0.9 | 31 |
| 69 | Planetary boundaries for water â€“ A review. Ecological Indicators, 2021, 121, 107022. | 2.6 | 29 |
| 70 | Sugarcane ethanol production in Malawi: Measures to optimize the carbon footprint and to avoid indirect emissions. Biomass and Bioenergy, 2014, 71, 37-45. | 2.9 | 27 |
| 71 | EU Product Environmental Footprintâ€”Mid-Term Review of the Pilot Phase. Sustainability, 2016, 8, 92. | 1.6 | 27 |
| 72 | Are we still keeping it â€œrealâ€? Proposing a revised paradigm for recycling credits in attributional life cycle assessment. International Journal of Life Cycle Assessment, 2018, 23, 181-190. | 2.2 | 27 |

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| 73 | Water footprint of German agricultural imports: Local impacts due to global trade flows in a fifteen-year perspective. Science of the Total Environment, 2019, 662, 521-529. | 3.9 | 26 |
| 74 | A Regional Socio-Economic Life Cycle Assessment of a Bioeconomy Value Chain. Sustainability, 2020, 12, 1259. | 1.6 | 26 |
| 75 | The Fifth international conference on ecobalances practical tools and thoughtful principles for sustainability November 6â€“8, 2002, Tsukuba, Japan. International Journal of Life Cycle Assessment, 2003, 8, 1-5. | 2.2 | 25 |
| 76 | Resource Efficiency Assessmentâ€”Comparing a Plug-In Hybrid with a Conventional Combustion Engine. Resources, 2016, 5, 5. | 1.6 | 25 |
| 77 | Process on â€œglobal guidance for LCA databasesâ€• International Journal of Life Cycle Assessment, 2011, 16, 95-97. | 2.2 | 23 |
| 78 | Characterization of the Cradle to Cradle Certifiedâ„¢ Products Program in the Context of Eco-labels and Environmental Declarations. Sustainability, 2018, 10, 738. | 1.6 | 23 |
| 79 | Regional Carrying Capacities of Freshwater Consumptionâ€”Current Pressure and Its Sources. Environmental Science & Technology, 2020, 54, 9083-9094. | 4.6 | 23 |
| 80 | The need for innovation management and decision guidance in sustainable process design. Journal of Cleaner Production, 2018, 172, 2374-2388. | 4.6 | 22 |
| 81 | Harmonized rules for future LCAs on pharmaceutical products and processes. International Journal of Life Cycle Assessment, 2019, 24, 1040-1057. | 2.2 | 22 |
| 82 | Characterization of environmental labels beyond the criteria of ISO 14020 series. International Journal of Life Cycle Assessment, 2020, 25, 840-855. | 2.2 | 22 |
| 83 | High resolution water scarcity analysis for cotton cultivation areas in Punjab, Pakistan. Ecological Indicators, 2020, 109, 105852. | 2.6 | 22 |
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| 85 | Environmental energy efficiency of single wire and tandem gas metal arc welding. Welding in the World, Le Soudage Dans Le Monde, 2017, 61, 733-743. | 1.3 | 21 |
| 86 | Life Cycle Assessment of Fungal-Based Composite Bricks. Sustainability, 2021, 13, 11573. | 1.6 | 21 |
| 87 | End-of-life modelling in life cycle assessmentâ€”material or product-centred perspective?. International Journal of Life Cycle Assessment, 2017, 22, 1288-1301. | 2.2 | 20 |
| 88 | Assessing the Availability of Terrestrial Biotic Materials in Product Systems (BIRD). Sustainability, 2017, 9, 137. | 1.6 | 20 |
| 89 | The implementation of organizational LCA to internally manage the environmental impacts of a broad product portfolio: an example for a cosmetics, fragrances, and toiletry provider. International Journal of Life Cycle Assessment, 2019, 24, 104-116. | 2.2 | 20 |
| 90 | Energy efficiency and environmental impacts of high power gas metal arc welding. International Journal of Advanced Manufacturing Technology, 2017, 91, 3503-3513. | 1.5 | 18 |

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| 91 | Biodiversity impact assessment (BIA+) â€“ methodological framework for screening biodiversity. Integrated Environmental Assessment and Management, 2018, 14, 282-297. | 1.6 | 18 |
| 92 | Development of Eco-factors for the European Union based on the Ecological Scarcity Method. International Journal of Life Cycle Assessment, 2019, 24, 1701-1714. | 2.2 | 18 |
| 93 | Benefits and obstacles of sustainable product development methods: a case study in the field of urban mobility. Design Science, 2017, 3, . | 1.1 | 17 |
| 94 | Assessing the Ability of the Cradle to Cradle Certifiedâ„¢ Products Program to Reliably Determine the Environmental Performance of Products. Sustainability, 2018, 10, 1562. | 1.6 | 17 |
| 95 | Life cycle assessment of zircon sand. International Journal of Life Cycle Assessment, 2019, 24, 1976-1984. | 2.2 | 17 |
| 96 | A GIS based method to calculate regionalized land use characterization factors for life cycle impact assessment using LANCAÂ®. International Journal of Life Cycle Assessment, 2020, 25, 1259-1277. | 2.2 | 17 |
| 97 | Criticality assessment of abiotic resource use for Europeâ€“ application of the SCARCE method. Resources Policy, 2020, 67, 101650. | 4.2 | 17 |
| 98 | The Water Footprint of European Agricultural Imports: Hotspots in the Context of Water Scarcity. Resources, 2019, 8, 141. | 1.6 | 16 |
| 99 | An environmental assessment of small hydropower in India: the real costs of damsâ€™ construction under a life cycle perspective. International Journal of Life Cycle Assessment, 2019, 24, 419-440. | 2.2 | 16 |
| 100 | Life cycle assessment of ferro niobium. International Journal of Life Cycle Assessment, 2020, 25, 611-619. | 2.2 | 16 |
| 101 | Obsolescence in LCAâ€“methodological challenges and solution approaches. International Journal of Life Cycle Assessment, 2020, 25, 495-507. | 2.2 | 16 |
| 102 | Sustainable Welding Process Selection Based on Weight Space Partitions. Procedia CIRP, 2016, 40, 127-132. | 1.0 | 15 |
| 103 | Facts and figures from road testing the guidance on organizational life cycle assessment. International Journal of Life Cycle Assessment, 2019, 24, 866-880. | 2.2 | 15 |
| 104 | A framework for environmental decision support in cities incorporating organizational LCA. International Journal of Life Cycle Assessment, 2020, 25, 2204-2216. | 2.2 | 15 |
| 105 | Carbon footprint of recycled biogenic products: the challenge of modelling CO2removal credits. International Journal of Sustainable Engineering, 2013, 6, 66-73. | 1.9 | 14 |
| 106 | Life Cycle Assessment of Organizations. LCA Compendium, 2016, , 333-394. | 0.8 | 14 |
| 107 | Environmental and social life cycle assessment of growing media for urban rooftop farming. International Journal of Life Cycle Assessment, 2021, 26, 2085-2102. | 2.2 | 14 |
| 108 | A Practical Approach for Social Life Cycle Assessment in the Automotive Industry. Resources, 2019, 8, 146. | 1.6 | 13 |

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| 109 | Cradle-to-grave life cycle assessment of an ibuprofen analgesic. Sustainable Chemistry and Pharmacy, 2020, 18, 100329. | 1.6 | 13 |
| 110 | A Regionalised Life Cycle Assessment Model to Globally Assess the Environmental Implications of Soil Salinization in Irrigated Agriculture. Environmental Science & Technology, 2020, 54, 3082-3090. | 4.6 | 13 |
| 111 | The fate of land evaporation â€“ a global dataset. Earth System Science Data, 2020, 12, 1897-1912. | 3.7 | 13 |
| 112 | Carbon footprint and life cycle assessment of organizations. Journal of Environmental Accounting and Management, 2013, 1, 55-63. | 0.3 | 13 |
| 113 | The global environmental costs of mining and processing abiotic raw materials and their geographic distribution. Journal of Cleaner Production, 2022, 361, 132232. | 4.6 | 13 |
| 114 | A comparison of Multi-Regional Input-Output databases regarding transaction structure and supply chain analysis. Journal of Cleaner Production, 2018, 196, 1486-1500. | 4.6 | 12 |
| 115 | Analyzing Changes in Supply Risks for Abiotic Resources over Time with the ESSENZ Methodâ€”A Data Update and Critical Reflection. Resources, 2019, 8, 83. | 1.6 | 12 |
| 116 | Life-LCA: assessing the environmental impacts of a human beingâ€”challenges and perspectives. International Journal of Life Cycle Assessment, 2020, 25, 141-156. | 2.2 | 12 |
| 117 | Comment to â€œMarginal and non-marginal approaches in characterization: how context and scale affect the selection of an adequate characterization factor. The AWARE model exampleâ€• International Journal of Life Cycle Assessment, 2020, 25, 663-666. | 2.2 | 12 |
| 118 | Organizational Life Cycle Assessment of a Service Providing SME for Renewable Energy Projects (PV) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.6 | 12 |
| 119 | A method of calibration of the formic acid monomer concentration in the gas phase. Fresenius' Journal of Analytical Chemistry, 1995, 351, 521-525. | 1.5 | 11 |
| 120 | ENVIRONMENTAL AUDITING: The Functional Unit in the Life Cycle Inventory Analysis of Degreasing Processes in the Metal-Processing Industry. Environmental Management, 1997, 21, 635-642. | 1.2 | 11 |
| 121 | Assessing Child Development: A Critical Review and the Sustainable Child Development Index (SCDI). Sustainability, 2015, 7, 4973-4996. | 1.6 | 11 |
| 122 | Benchmarking and environmental performance classes in life cycle assessmentâ€”development of a procedure for non-leather shoes in the context of the Product Environmental Footprint. International Journal of Life Cycle Assessment, 2015, 20, 1640-1648. | 2.2 | 11 |
| 123 | Comparative life cycle assessment of re-use and replacement for video projectors. International Journal of Life Cycle Assessment, 2018, 23, 82-94. | 2.2 | 11 |
| 124 | The Sustainable Child Development Index (SCDI) for Countries. Sustainability, 2018, 10, 1563. | 1.6 | 11 |
| 125 | Application Options of the Sustainable Child Development Index (SCDI)â€”Assessing the Status of Sustainable Development and Establishing Social Impact Pathways. International Journal of Environmental Research and Public Health, 2018, 15, 1391. | 1.2 | 11 |
| 126 | Organizational water footprint: a methodological guidance. International Journal of Life Cycle Assessment, 2020, 25, 403-422. | 2.2 | 11 |

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| 127 | Challenges of organizational LCA: lessons learned from road testing the guidance on organizational life cycle assessment. International Journal of Life Cycle Assessment, 2020, 25, 311-331. | 2.2 | 11 |
| 128 | Criteria-Based Approach to Select Relevant Environmental SDG Indicators for the Automobile Industry. Sustainability, 2020, 12, 8811. | 1.6 | 11 |
| 129 | Social Organizational Life Cycle Assessment: an approach for identification of relevant subcategories for wine production in Italy. International Journal of Life Cycle Assessment, 2020, 25, 1119-1132. | 2.2 | 11 |
| 130 | Environmental saving potentials of a smart home system from a life cycle perspective: How green is the smart home?. Journal of Cleaner Production, 2021, 312, 127845. | 4.6 | 11 |
| 131 | Data collection format for life cycle assessment of the german association of the automotive industry (VDA). International Journal of Life Cycle Assessment, 2003, 8, 379-381. | 2.2 | 10 |
| 132 | Sustainable Corporate Development Measured by Intangible and Tangible Resources as Well as Targeted by Safeguard Subjects. Procedia CIRP, 2015, 26, 630-634. | 1.0 | 10 |
| 133 | Adapting Ergonomic Assessments to Social Life Cycle Assessment. Procedia CIRP, 2016, 40, 91-96. | 1.0 | 10 |
| 134 | Launch of a new report: â€œRoad testing organizational life cycle assessment around the world: applications, experiences and lessons learnedâ€• International Journal of Life Cycle Assessment, 2018, 23, 159-163. | 2.2 | 10 |
| 135 | Consistent normalization approach for Life Cycle Assessment based on inventory databases. Science of the Total Environment, 2020, 703, 134583. | 3.9 | 10 |
| 136 | Addressing the use and end-of-life phase of pharmaceutical products in life cycle assessment. International Journal of Life Cycle Assessment, 2020, 25, 1436-1454. | 2.2 | 10 |
| 137 | Environmental Impacts of a Pet Dog: An LCA Case Study. Sustainability, 2020, 12, 3394. | 1.6 | 10 |
| 138 | Criticality Assessment of the Life Cycle of Passenger Vehicles Produced in China. Circular Economy and Sustainability, 2021, 1, 435-455. | 3.3 | 10 |
| 139 | Life Cycle Based Comparison of Textile Ecolabels. Sustainability, 2021, 13, 1751. | 1.6 | 10 |
| 140 | Integrating endocrine-related health effects into comparative human toxicity characterization. Science of the Total Environment, 2021, 762, 143874. | 3.9 | 10 |
| 141 | Resource Assessment of Renewable Energy Systemsâ€”A Review. Sustainability, 2021, 13, 6107. | 1.6 | 10 |
| 142 | Policy Options for Life Cycle Assessment Deployment in Legislation. LCA Compendium, 2015, , 213-224. | 0.8 | 10 |
| 143 | Characterization model to assess ocean acidification within life cycle assessment. International Journal of Life Cycle Assessment, 2016, 21, 1463-1472. | 2.2 | 9 |
| 144 | Prefaceâ€”a new paradigm for life cycle thinking: exploring sustainability in urban development scenarios. International Journal of Life Cycle Assessment, 2019, 24, 1169-1173. | 2.2 | 9 |

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| 145 | Introducing a product sustainability budget at an automotive companyâ€"one option to increase the use of LCSA results in decision-making processes. International Journal of Life Cycle Assessment, 2019, 24, 1461-1479. | 2.2 | 9 |
| 146 | The product environmental footprint communication at the crossroad: integration into or co-existence with the European Ecolabel?. International Journal of Life Cycle Assessment, 2020, 25, 508-522. | 2.2 | 9 |
| 147 | Distance-to-target weighting in LCAâ€"A matter of perspective. International Journal of Life Cycle Assessment, 2021, 26, 114-126. | 2.2 | 9 |
| 148 | Territorial-Based vs. Consumption-Based Carbon Footprint of an Urban Districtâ€"A Case Study of Berlin-Wedding. Sustainability, 2021, 13, 7262. | 1.6 | 9 |
| 149 | Selection Criteria for Suitable Indicators for Value Creation Starting with a Look at the Environmental Dimension. Procedia CIRP, 2015, 26, 24-29. | 1.0 | 8 |
| 150 | An Approach to Determine Missing Life Cycle Inventory Data for Chemicals (RREM). Sustainability, 2022, 14, 3161. | 1.6 | 8 |
| 151 | Organisational LCA. , 2018, , 481-498. | | 7 |
| 152 | Addressing water quality in water footprinting: current status, methods and limitations. International Journal of Life Cycle Assessment, 2021, 26, 157-174. | 2.2 | 7 |
| 153 | Assessing the environmental performance of ICT-based services: Does user behaviour make all the difference?. Sustainable Production and Consumption, 2022, 31, 828-838. | 5.7 | 7 |
| 154 | Life Cycle Engineering as a Tool for Design for Environment. , 0, , . | | 6 |
| 155 | Ecological Scarcity Method: Adaptation and Implementation for Different Countries. Environmental and Climate Technologies, 2012, 10, 9-15. | 0.2 | 6 |
| 156 | Amount of water needed to save 1Âm3 of water: life cycle assessment of a flow regulator. Applied Water Science, 2017, 7, 1399-1407. | 2.8 | 6 |
| 157 | Life Cycle Based CO<sub>2</sub> Emission Credits: Options for Improving the Efficiency and Effectiveness of Current Tailpipe Emissions Regulation in the Automotive Industry. Journal of Industrial Ecology, 2018, 22, 1066-1079. | 2.8 | 6 |
| 158 | Hybrid approach for the evaluation of organizational indirect impacts (AVOID): combining product-related, process-based, and monetary-based methods. International Journal of Life Cycle Assessment, 2019, 24, 1058-1074. | 2.2 | 6 |
| 159 | Adapting the ESSENZ Method to Assess Company-Specific Criticality Aspects. Resources, 2021, 10, 56. | 1.6 | 6 |
| 160 | Life-LCA: the first case study of the life cycle impacts of a human being. International Journal of Life Cycle Assessment, 2021, 26, 1847-1866. | 2.2 | 6 |
| 161 | Half-way Point in the Flagship Project â€œLCA of Organizationsâ€•by UNEP/SETAC Life Cycle Initiative. Journal of Life Cycle Assessment Japan, 2015, 11, 97-103. | 0.0 | 6 |
| 162 | The ResourcePlanâ€"An Instrument for Resource-Efficient Development of Urban Neighborhoods. Sustainability, 2022, 14, 1522. | 1.6 | 6 |

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| 163 | Life-Cycle-Assessment (ISO 14040) in the Context of Environmental Management Systems (ISO 14001). , 0, , . | | 5 |
| 164 | Measuring Waterâ€Related Environmental Impacts of Organizations: Existing Methods and Research Gaps. Advanced Sustainable Systems, 2018, 2, 1700157. | 2.7 | 5 |
| 165 | The First City Organizational LCA Case Study: Feasibility and Lessons Learned from Vienna. Sustainability, 2021, 13, 5062. | 1.6 | 5 |
| 166 | Considering the Fate of Evaporated Water Across Basin Boundariesâ€"Implications for Water Footprinting. Environmental Science & Technology, 2021, 55, 10231-10242. | 4.6 | 5 |
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| 171 | Life Cycle Engineering and Design for Environment of the Mercedes-Benz C-Class. , 0, , . | | 4 |
| 172 | The Effect of Land Use on Availability of Japanese Freshwater Resources and Its Significance for Water Footprinting. Sustainability, 2016, 8, 86. | 1.6 | 4 |
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