

Sangwon Suh

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

18,911
citations

28736

57
h-index

13635

134
g-index

170
all docs

170
docs citations

170
times ranked

17500
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Accelerating the pace of ecotoxicological assessment using artificial intelligence. <i>Ambio</i> , 2022, 51, 598-610. | 2.8 | 12 |
| 2 | Quantity and fate of synthetic microfiber emissions from apparel washing in California and strategies for their reduction. <i>Environmental Pollution</i> , 2022, 298, 118835. | 3.7 | 13 |
| 3 | Functionality-based life cycle assessment framework: An information and communication technologies (ICT) product case study. <i>Journal of Industrial Ecology</i> , 2022, 26, 782-800. | 2.8 | 1 |
| 4 | Environmental trade-offs of direct air capture technologies in climate change mitigation toward 2100. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 35 |
| 5 | Evaluation of resource use in the household lighting sector in Malaysia considering land disturbances through mining activities. <i>Resources, Conservation and Recycling</i> , 2021, 166, 105343. | 5.3 | 5 |
| 6 | Method to decompose uncertainties in LCA results into contributing factors. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 977-988. | 2.2 | 6 |
| 7 | Non-linearity in Marginal LCA: Application of a Spatial Optimization Model. <i>Frontiers in Sustainability</i> , 2021, 2, . | 1.3 | 5 |
| 8 | Achieving net-zero greenhouse gas emission plastics by a circular carbon economy. <i>Science</i> , 2021, 374, 71-76. | 6.0 | 222 |
| 9 | Economic disparity among generations under the Paris Agreement. <i>Nature Communications</i> , 2021, 12, 5663. | 5.8 | 2 |
| 10 | Lifecycle cost and carbon implications of residential solar-plus-storage in California. <i>IScience</i> , 2021, 24, 103492. | 1.9 | 2 |
| 11 | How large is the global living wage gap and the price increase needed to close it?. <i>Socio-Economic Review</i> , 2020, 18, 555-574. | 2.0 | 1 |
| 12 | Mitigating Curtailment and Carbon Emissions through Load Migration between Data Centers. <i>Joule</i> , 2020, 4, 2208-2222. | 11.7 | 35 |
| 13 | Degradation Rates of Plastics in the Environment. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3494-3511. | 3.2 | 1,463 |
| 14 | Perceived uncertainties of characterization in LCA: a survey. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 1846-1858. | 2.2 | 16 |
| 15 | The carbon footprint of the carbon feedstock CO ₂ . <i>Energy and Environmental Science</i> , 2020, 13, 2979-2992. | 15.6 | 110 |
| 16 | Synthetic microfiber emissions to land rival those to waterbodies and are growing. <i>PLoS ONE</i> , 2020, 15, e0237839. | 1.1 | 54 |
| 17 | Closing yield gap is crucial to avoid potential surge in global carbon emissions. <i>Global Environmental Change</i> , 2020, 63, 102100. | 3.6 | 39 |
| 18 | A review of methods for characterizing the environmental consequences of actions in life cycle assessment. <i>Journal of Industrial Ecology</i> , 2020, 24, 815-829. | 2.8 | 21 |

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|----|--|-----|-----------|
| 19 | Do we have enough natural sand for low-carbon infrastructure?. <i>Journal of Industrial Ecology</i> , 2020, 24, 1004-1015. | 2.8 | 24 |
| 20 | Life-cycle environmental implications of China's ban on post-consumer plastics import. <i>Resources, Conservation and Recycling</i> , 2020, 156, 104699. | 5.3 | 30 |
| 21 | Pesticide application rates and their toxicological impacts: why do they vary so widely across the U.S.?. <i>Environmental Research Letters</i> , 2020, 15, 124049. | 2.2 | 4 |
| 22 | The Effects of Incorporating Non-linearity in LCA: Characterizing the Impact on Human Health. <i>Frontiers in Sustainability</i> , 2020, 1, . | 1.3 | 6 |
| 23 | Economic feasibility of recycling rare earth oxides from end-of-life lighting technologies. <i>Resources, Conservation and Recycling</i> , 2019, 150, 104432. | 5.3 | 30 |
| 24 | Health risks of chemicals in consumer products: A review. <i>Environment International</i> , 2019, 123, 580-587. | 4.8 | 60 |
| 25 | Climate change mitigation potential of carbon capture and utilization in the chemical industry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11187-11194. | 3.3 | 384 |
| 26 | Uncertainty Implications of Hybrid Approach in LCA: Precision versus Accuracy. <i>Environmental Science & Technology</i> , 2019, 53, 3681-3688. | 4.6 | 30 |
| 27 | Strategies to reduce the global carbon footprint of plastics. <i>Nature Climate Change</i> , 2019, 9, 374-378. | 8.1 | 635 |
| 28 | OrganoRelease – A framework for modeling the release of organic chemicals from the use and post-use of consumer products. <i>Environmental Pollution</i> , 2018, 234, 751-761. | 3.7 | 15 |
| 29 | Geographic variability of agriculture requires sector-specific uncertainty characterization. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 1581-1589. | 2.2 | 23 |
| 30 | Does the use of pre-calculated uncertainty values change the conclusions of comparative life cycle assessments? – An empirical analysis. <i>PLoS ONE</i> , 2018, 13, e0209474. | 1.1 | 8 |
| 31 | Linking Exposure and Kinetic Bioaccumulation Models for Metallic Engineered Nanomaterials in Freshwater Ecosystems. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12684-12694. | 3.2 | 19 |
| 32 | Environmental governance in China: Interactions between the state and nonstate actors. <i>Journal of Environmental Management</i> , 2018, 220, 126-135. | 3.8 | 63 |
| 33 | Neuro-marketing Tools for Assessing the Communication Effectiveness of Life Cycle Based Environmental Labelling – Procedure and Methodology. , 2018, , 163-173. | | 4 |
| 34 | Identifying critical supply chain paths and key sectors for mitigating primary carbonaceous PM _{2.5} mortality in Asia. <i>Economic Systems Research</i> , 2017, 29, 105-123. | 1.2 | 45 |
| 35 | Cause-effect analysis for sustainable development policy. <i>Environmental Reviews</i> , 2017, 25, 358-379. | 2.1 | 11 |
| 36 | Pre-calculated LCIs with uncertainties revisited. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 827-831. | 2.2 | 16 |

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|----|---|-----|-----------|
| 37 | Assessing the Risk of Engineered Nanomaterials in the Environment: Development and Application of the nanoFate Model. <i>Environmental Science & Technology</i> , 2017, 51, 5541-5551. | 4.6 | 205 |
| 38 | Dynamic Model for the Stocks and Release Flows of Engineered Nanomaterials. <i>Environmental Science & Technology</i> , 2017, 51, 12424-12433. | 4.6 | 58 |
| 39 | The role of primary processing in the supply risks of critical metals. <i>Economic Systems Research</i> , 2017, 29, 335-356. | 1.2 | 23 |
| 40 | Rapid Life-Cycle Impact Screening Using Artificial Neural Networks. <i>Environmental Science & Technology</i> , 2017, 51, 10777-10785. | 4.6 | 67 |
| 41 | Modeling human health characterization factors for indoor nanomaterial emissions in life cycle assessment: a case-study of titanium dioxide. <i>Environmental Science: Nano</i> , 2017, 4, 1705-1721. | 2.2 | 11 |
| 42 | What distribution function do life cycle inventories follow?. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1138-1145. | 2.2 | 37 |
| 43 | Environmental and natural resource implications of sustainable urban infrastructure systems. <i>Environmental Research Letters</i> , 2017, 12, 125009. | 2.2 | 13 |
| 44 | Life-cycle environmental and natural resource implications of energy efficiency technologies. , 2017, , 263-270. | | 1 |
| 45 | Interoperability between ecoinvent ver. 3 and US LCI database: a case study. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 1290-1298. | 2.2 | 28 |
| 46 | Multi-Scale Governance of Sustainable Natural Resource Use—Challenges and Opportunities for Monitoring and Institutional Development at the National and Global Level. <i>Sustainability</i> , 2016, 8, 778. | 1.6 | 73 |
| 47 | The emission cost of international sourcing: using structural decomposition analysis to calculate the contribution of international sourcing to CO ₂ -emission growth. <i>Economic Systems Research</i> , 2016, 28, 151-167. | 1.2 | 96 |
| 48 | Potential Long-Term Global Environmental Implications of Efficient Light-Source Technologies. <i>Journal of Industrial Ecology</i> , 2016, 20, 263-275. | 2.8 | 30 |
| 49 | Life Cycle Environmental and Natural Resource Implications of Energy Efficiency Technologies. <i>Journal of Industrial Ecology</i> , 2016, 20, 218-222. | 2.8 | 3 |
| 50 | Stochastic Technology Choice Model for Consequential Life Cycle Assessment. <i>Environmental Science & Technology</i> , 2016, 50, 12575-12583. | 4.6 | 53 |
| 51 | Challenges in assessing the environmental consequences of dietary changes. <i>Environment Systems and Decisions</i> , 2016, 36, 217-219. | 1.9 | 11 |
| 52 | A framework for technological learning in the supply chain: A case study on CdTe photovoltaics. <i>Applied Energy</i> , 2016, 169, 721-728. | 5.1 | 29 |
| 53 | Changes in environmental impacts of major crops in the US. <i>Environmental Research Letters</i> , 2015, 10, 094016. | 2.2 | 49 |
| 54 | Industrial Ecology: The role of manufactured capital in sustainability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6260-6264. | 3.3 | 98 |

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|----|---|-----|-----------|
| 55 | CO2 emission clusters within global supply chain networks: Implications for climate change mitigation. <i>Global Environmental Change</i> , 2015, 35, 486-496. | 3.6 | 106 |
| 56 | Global Mining Risk Footprint of Critical Metals Necessary for Low-Carbon Technologies: The Case of Neodymium, Cobalt, and Platinum in Japan. <i>Environmental Science & Technology</i> , 2015, 49, 2022-2031. | 4.6 | 84 |
| 57 | Industry-Cost-Curve Approach for Modeling the Environmental Impact of Introducing New Technologies in Life Cycle Assessment. <i>Environmental Science & Technology</i> , 2015, 49, 7543-7551. | 4.6 | 24 |
| 58 | Land cover change from cotton to corn in the USA relieves freshwater ecotoxicity impact but may aggravate other regional environmental impacts. <i>International Journal of Life Cycle Assessment</i> , 2015, 20, 196-203. | 2.2 | 19 |
| 59 | Species Sensitivity Distributions for Engineered Nanomaterials. <i>Environmental Science & Technology</i> , 2015, 49, 5753-5759. | 4.6 | 102 |
| 60 | The Role of Scale and Technology Maturity in Life Cycle Assessment of Emerging Technologies: A Case Study on Carbon Nanotubes. <i>Journal of Industrial Ecology</i> , 2015, 19, 51-60. | 2.8 | 137 |
| 61 | A Methodology for Integrated, Multiregional Life Cycle Assessment Scenarios under Large-Scale Technological Change. <i>Environmental Science & Technology</i> , 2015, 49, 11218-11226. | 4.6 | 107 |
| 62 | A Moonshot for Sustainability Assessment. <i>Environmental Science & Technology</i> , 2015, 49, 9497-9498. | 4.6 | 15 |
| 63 | Bioenergy and climate change mitigation: an assessment. <i>GCB Bioenergy</i> , 2015, 7, 916-944. | 2.5 | 494 |
| 64 | The material footprint of nations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6271-6276. | 3.3 | 1,114 |
| 65 | Integrated life-cycle assessment of electricity-supply scenarios confirms global environmental benefit of low-carbon technologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6277-6282. | 3.3 | 508 |
| 66 | Fusion of conflicting information for improving representativeness of data used in LCAs. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 480-490. | 2.2 | 7 |
| 67 | Call for applications: graduate student researcher (PhD student) and postdoctoral associates on LCA research. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 977-978. | 2.2 | 0 |
| 68 | Life cycle assessment of engineered nanomaterials. , 2014, , 112-129. | | 4 |
| 69 | Thin-Film Photovoltaic Power Generation Offers Decreasing Greenhouse Gas Emissions and Increasing Environmental Co-benefits in the Long Term. <i>Environmental Science & Technology</i> , 2014, 48, 9834-9843. | 4.6 | 61 |
| 70 | Environmental Performance of Green Building Code and Certification Systems. <i>Environmental Science & Technology</i> , 2014, 48, 2551-2560. | 4.6 | 38 |
| 71 | Global Flows of Critical Metals Necessary for Low-Carbon Technologies: The Case of Neodymium, Cobalt, and Platinum. <i>Environmental Science & Technology</i> , 2014, 48, 1391-1400. | 4.6 | 142 |
| 72 | On the uncanny capabilities of consequential LCA. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 1179-1184. | 2.2 | 92 |

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| 73 | Assessment of Genetic Diversity, Relationships and Structure among Korean Native Cattle Breeds Using Microsatellite Markers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014, 27, 1548-1553. | 2.4 | 23 |
| 74 | Global life cycle releases of engineered nanomaterials. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1. | 0.8 | 1,097 |
| 75 | Better cars or older cars?: Assessing CO2 emission reduction potential of passenger vehicle replacement programs. <i>Global Environmental Change</i> , 2013, 23, 1807-1818. | 3.6 | 53 |
| 76 | INPUT-OUTPUT ANALYSIS: THE NEXT 25 YEARS. <i>Economic Systems Research</i> , 2013, 25, 369-389. | 1.2 | 84 |
| 77 | Production possibility frontier analysis of biodiesel from waste cooking oil. <i>Energy Policy</i> , 2013, 55, 362-368. | 4.2 | 25 |
| 78 | Finding environmentally important industry clusters: Multiway cut approach using nonnegative matrix factorization. <i>Social Networks</i> , 2013, 35, 423-438. | 1.3 | 41 |
| 79 | Socioeconomic Drivers of Mercury Emissions in China from 1992 to 2007. <i>Environmental Science & Technology</i> , 2013, 47, 3234-3240. | 4.6 | 101 |
| 80 | Unintended Environmental Consequences and Co-benefits of Economic Restructuring. <i>Environmental Science & Technology</i> , 2013, 47, 12894-12902. | 4.6 | 36 |
| 81 | The Importance of Normalization References in Interpreting Life Cycle Assessment Results. <i>Journal of Industrial Ecology</i> , 2013, 17, 385-395. | 2.8 | 46 |
| 82 | Identifying environmentally important supply chain clusters in the automobile industry. <i>Economic Systems Research</i> , 2013, 25, 265-286. | 1.2 | 27 |
| 83 | Does South-North Water Transfer Reduce the Environmental Impact of Water Consumption in China?. <i>Journal of Industrial Ecology</i> , 2012, 16, 647-654. | 2.8 | 33 |
| 84 | Greening Growing Giants. <i>Journal of Industrial Ecology</i> , 2012, 16, 459-466. | 2.8 | 18 |
| 85 | Characterization of Economic Requirements for a Carbon-Debt-Free Country. <i>Environmental Science & Technology</i> , 2012, 46, 155-163. | 4.6 | 29 |
| 86 | Replacing Gasoline with Corn Ethanol Results in Significant Environmental Problem-Shifting. <i>Environmental Science & Technology</i> , 2012, 46, 3671-3678. | 4.6 | 121 |
| 87 | Accounting for Changes in Automobile Gasoline Consumption in Japan: 2000-2007. <i>Journal of Economic Structures</i> , 2012, 1, . | 0.6 | 2 |
| 88 | Estimates of Embodied Global Energy and Air-Emission Intensities of Japanese Products for Building a Japanese Input-Output Life Cycle Assessment Database with a Global System Boundary. <i>Environmental Science & Technology</i> , 2012, 46, 9146-9154. | 4.6 | 79 |
| 89 | Framework for hybrid life cycle inventory databases: a case study on the Building for Environmental and Economic Sustainability (BEES) database. <i>International Journal of Life Cycle Assessment</i> , 2012, 17, 604-612. | 2.2 | 53 |
| 90 | Evolution of "designed" industrial symbiosis networks in the Ulsan Eco-industrial Park: "research and development into business" as the enabling framework. <i>Journal of Cleaner Production</i> , 2012, 29-30, 103-112. | 4.6 | 181 |

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| 91 | Measuring ecological impact of water consumption by bioethanol using life cycle impact assessment. International Journal of Life Cycle Assessment, 2012, 17, 16-24. | 2.2 | 22 |
| 92 | Life cycle assessment at nanoscale: review and recommendations. International Journal of Life Cycle Assessment, 2012, 17, 295-303. | 2.2 | 98 |
| 93 | Role of Motor Vehicle Lifetime Extension in Climate Change Policy. Environmental Science & Technology, 2011, 45, 1184-1191. | 4.6 | 62 |
| 94 | Environmental Impacts of Products in China. Environmental Science & Technology, 2011, 45, 4102-4109. | 4.6 | 36 |
| 95 | Application of Hybrid Life Cycle Approaches to Emerging Energy Technologies â€” The Case of Wind Power in the UK. Environmental Science & Technology, 2011, 45, 5900-5907. | 4.6 | 234 |
| 96 | Phosphorus use-efficiency of agriculture and food system in the US. Chemosphere, 2011, 84, 806-813. | 4.2 | 127 |
| 97 | Evaluation of water use for bioenergy at different scales. Biofuels, Bioproducts and Biorefining, 2011, 5, 361-374. | 1.9 | 33 |
| 98 | Implications of corn prices on water footprints of bioethanol. Bioresource Technology, 2011, 102, 4747-4754. | 4.8 | 1 |
| 99 | COMPARISON OF BOTTOM-UP AND TOP-DOWN APPROACHES TO CALCULATING THE WATER FOOTPRINTS OF NATIONS. Economic Systems Research, 2011, 23, 371-385. | 1.2 | 288 |
| 100 | Urban water infrastructure optimization to reduce environmental impacts and costs. Journal of Environmental Management, 2010, 91, 630-637. | 3.8 | 31 |
| 101 | Generalized Make and Use Framework for Allocation in Life Cycle Assessment. Journal of Industrial Ecology, 2010, 14, 335-353. | 2.8 | 105 |
| 102 | Risk Management Lessons from â€”Knockâ€”in Knockâ€”outâ€”™ Option Disaster*. Asia-Pacific Journal of Financial Studies, 2010, 39, 28-52. | 0.6 | 9 |
| 103 | IMPROVING THE COMPLETENESS OF PRODUCT CARBON FOOTPRINTS USING A GLOBAL LINK INPUTâ€”OUTPUT MODEL: THE CASE OF JAPAN. Economic Systems Research, 2009, 21, 267-290. | 1.2 | 78 |
| 104 | Recent developments in Life Cycle Assessment. Journal of Environmental Management, 2009, 91, 1-21. | 3.8 | 2,163 |
| 105 | Our plans and expectations for the 14th volume 2009 of Int J Life Cycle Assess. International Journal of Life Cycle Assessment, 2009, 14, 1-7. | 2.2 | 4 |
| 106 | <i>Handbook of Inputâ€”Output Economics in Industrial Ecology</i> edited by Sangwon Suh. Journal of Industrial Ecology, 2009, 13, 830-832. | 2.8 | 3 |
| 107 | INPUTâ€”OUTPUT ANALYSIS AND CARBON FOOTPRINTING: AN OVERVIEW OF APPLICATIONS. Economic Systems Research, 2009, 21, 187-216. | 1.2 | 436 |
| 108 | Material and Energy Dependence of Services and Its Implications for Climate Change. Environmental Science & Technology, 2009, 43, 4241-4246. | 4.6 | 85 |

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| 109 | Water Embodied in Bioethanol in the United States. <i>Environmental Science & Technology</i> , 2009, 43, 2688-2692. | 4.6 | 131 |
| 110 | Reducing Greenhouse Gas Emissions for Climate Stabilization: Framing Regional Options. <i>Environmental Science & Technology</i> , 2009, 43, 1696-1703. | 4.6 | 24 |
| 111 | Handbook of Input-Output Economics in Industrial Ecology. <i>Eco-efficiency in Industry and Science</i> , 2009, , . | 0.1 | 90 |
| 112 | How Has Dematerialization Contributed to Reducing Oil Price Pressure?: A Qualitative Input-Output Analysis for the Japanese Economy during 1990-2000. <i>Environmental Science & Technology</i> , 2009, 43, 245-252. | 4.6 | 7 |
| 113 | Pseudospectral methods for pricing options. <i>Quantitative Finance</i> , 2009, 9, 705-715. | 0.9 | 3 |
| 114 | Methods in the Life Cycle Inventory of a Product. <i>Eco-efficiency in Industry and Science</i> , 2009, , 263-282. | 0.1 | 12 |
| 115 | Industrial Ecology and Input-Output Economics: A Brief History. <i>Eco-efficiency in Industry and Science</i> , 2009, , 43-58. | 0.1 | 5 |
| 116 | Developing the Sectoral Environmental Database for Input-Output Analysis: Comprehensive Environmental Data Archive of the U.S.. <i>Eco-efficiency in Industry and Science</i> , 2009, , 689-712. | 0.1 | 10 |
| 117 | Multistage Process-Based Make-Use System. <i>Eco-efficiency in Industry and Science</i> , 2009, , 777-800. | 0.1 | 6 |
| 118 | Physical Input-Output Analysis and Disposals to Nature. <i>Eco-efficiency in Industry and Science</i> , 2009, , 123-137. | 0.1 | 8 |
| 119 | Prioritizing Within the Product-Oriented Environmental Policy - The Danish Perspectives. <i>Eco-efficiency in Industry and Science</i> , 2009, , 397-415. | 0.1 | 0 |
| 120 | Environmental Impacts of Conventional and Sustainable Investment Funds Compared Using Input-Output Life-Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2008, 11, 41-60. | 2.8 | 42 |
| 121 | A Mixed-Unit Input-Output Model for Environmental Life-Cycle Assessment and Material Flow Analysis. <i>Environmental Science & Technology</i> , 2007, 41, 1024-1031. | 4.6 | 155 |
| 122 | Simple Indicator To Identify the Environmental Soundness of Growth of Consumption and Technology: -Eco-velocity of Consumption- <i>Environmental Science & Technology</i> , 2007, 41, 1465-1472. | 4.6 | 24 |
| 123 | Five years in the area of input-output and hybrid LCA. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 351-352. | 2.2 | 77 |
| 124 | Power series expansion and structural analysis for life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 381-390. | 2.2 | 58 |
| 125 | Five years in the area of input-output and hybrid LCA. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 351-352. | 2.2 | 29 |
| 126 | Power series expansion and structural analysis for life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 381-390. | 2.2 | 13 |

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|-----|--|-----|-----------|
| 127 | Are Services Better for Climate Change?. <i>Environmental Science & Technology</i> , 2006, 40, 6555-6560. | 4.6 | 117 |
| 128 | Reformulation of matrix-based LCI: from product balance to process balance. <i>Journal of Cleaner Production</i> , 2006, 14, 47-51. | 4.6 | 42 |
| 129 | Cultivating a Healthy Journal Space. <i>International Journal of Life Cycle Assessment</i> , 2006, 11, 77-79. | 2.2 | 2 |
| 130 | Human and Ecological Life Cycle Tools for the Integrated Assessment of Systems (HELIAS). <i>International Journal of Life Cycle Assessment</i> , 2006, 11, 19-28. | 2.2 | 7 |
| 131 | Environmental Impacts of Consumption in the European Union:High-Resolution Input-Output Tables with Detailed Environmental Extensions. <i>Journal of Industrial Ecology</i> , 2006, 10, 129-146. | 2.8 | 125 |
| 132 | Toward an Information Tool for Integrated Product Policy: Requirements for Data and Computation. <i>Journal of Industrial Ecology</i> , 2006, 10, 147-158. | 2.8 | 48 |
| 133 | Environmental Impacts of Products:Policy Relevant Information and Data Challenges. <i>Journal of Industrial Ecology</i> , 2006, 10, 183-198. | 2.8 | 47 |
| 134 | Setting Priorities within Product-Oriented Environmental Policy. <i>Journal of Industrial Ecology</i> , 2006, 10, 73-87. | 2.8 | 22 |
| 135 | Reply: Downstream cut-offs in integrated hybrid life-cycle assessment. <i>Ecological Economics</i> , 2006, 59, 7-12. | 2.9 | 47 |
| 136 | Methods for Life Cycle Inventory of a product. <i>Journal of Cleaner Production</i> , 2005, 13, 687-697. | 4.6 | 556 |
| 137 | Eco-efficiency for Pollution Prevention in Small to Medium-Sized Enterprises: A Case from South Korea. <i>Journal of Industrial Ecology</i> , 2005, 9, 223-240. | 2.8 | 48 |
| 138 | Numerical Approaches to Life Cycle Interpretation - The case of the Ecoinvent™96 database (10 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 103-112. | 2.2 | 58 |
| 139 | A Structure Comparison of two Approaches to LCA Inventory Data, Based on the MIET and ETH Databases (10 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 317-324. | 2.2 | 37 |
| 140 | Corporate Environmental Management Program at the University of Minnesota. <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 445-445. | 2.2 | 0 |
| 141 | Theory of materials and energy flow analysis in ecology and economics. <i>Ecological Modelling</i> , 2005, 189, 251-269. | 1.2 | 114 |
| 142 | Industrial ecology and input-output economics: an introduction. <i>Economic Systems Research</i> , 2005, 17, 349-364. | 1.2 | 59 |
| 143 | Developing a sectoral environmental database for input-output analysis: the comprehensive environmental data archive of the US. <i>Economic Systems Research</i> , 2005, 17, 449-469. | 1.2 | 62 |
| 144 | A note on the calculus for physical input-output analysis and its application to land appropriation of international trade activities. <i>Ecological Economics</i> , 2004, 48, 9-17. | 2.9 | 63 |

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|-----|---|-----|-----------|
| 145 | Functions, commodities and environmental impacts in an ecological-economic model. Ecological Economics, 2004, 48, 451-467. | 2.9 | 251 |
| 146 | Three Strategies to Overcome the Limitations of Life-Cycle Assessment. Journal of Industrial Ecology, 2004, 8, 19-32. | 2.8 | 140 |
| 147 | The portrait of Wassily Leontief. International Journal of Life Cycle Assessment, 2004, 9, 1. | 2.2 | 4 |
| 148 | Materials and energy flows in industry and ecosystem networks. International Journal of Life Cycle Assessment, 2004, 9, 335-336. | 2.2 | 13 |
| 149 | System Boundary Selection in Life-Cycle Inventories Using Hybrid Approaches. Environmental Science & Technology, 2004, 38, 657-664. | 4.6 | 876 |
| 150 | Life cycle assessment. Environment International, 2004, 30, 701-720. | 4.8 | 1,541 |
| 151 | Input-output and hybrid life cycle assessment. International Journal of Life Cycle Assessment, 2003, 8, 257-257. | 2.2 | 23 |
| 152 | Normalisation figures for environmental life-cycle assessment. Journal of Cleaner Production, 2003, 11, 737-748. | 4.6 | 106 |
| 153 | Missing inventory estimation tool using extended input-output analysis. International Journal of Life Cycle Assessment, 2002, 7, 134-140. | 2.2 | 128 |
| 154 | The Computational Structure of Life Cycle Assessment. Eco-efficiency in Industry and Science, 2002, , . | 0.1 | 356 |
| 155 | The basic model for inventory analysis. Eco-efficiency in Industry and Science, 2002, , 11-31. | 0.1 | 14 |
| 156 | Advanced topics in inventory analysis. Eco-efficiency in Industry and Science, 2002, , 99-116. | 0.1 | 0 |
| 157 | Structural theory. Eco-efficiency in Industry and Science, 2002, , 151-159. | 0.1 | 0 |
| 158 | Relation with input-output analysis. Eco-efficiency in Industry and Science, 2002, , 117-129. | 0.1 | 0 |
| 159 | Life cycle environmental impact of the Internet infrastructure in a university. , 0, , . | | 1 |