

Reinout Heijungs

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

13,348
citations

24978

57
h-index

24179

110
g-index

204
all docs

204
docs citations

204
times ranked

9258
citing authors

#	ARTICLE	IF	CITATIONS
1	Where have all the equations gone? A unified view on semi-quantitative problem structuring and modelling. <i>Journal of the Operational Research Society</i> , 2023, 74, 290-309.	2.1	1
2	Implementation of uncertainty analysis and momentâ€independent global sensitivity analysis for fullâ€scale life cycle assessment models. <i>Journal of Industrial Ecology</i> , 2022, 26, 374-391.	2.8	20
3	Inflorescence lignification of natural species and horticultural hybrids of <i>Phalaenopsis</i> orchids. <i>Scientia Horticulturae</i> , 2022, 295, 110845.	1.7	7
4	Environmental Externalities of Secondhand Marketsâ€Based on a Dutch Auctioning Company. <i>Sustainability</i> , 2022, 14, 1682.	1.6	3
5	Leveraging Life Cycle Assessment to Better Promote the Circular Economy: A First Step Using the Concept of Opportunity Cost. <i>Sustainability</i> , 2022, 14, 3451.	1.6	3
6	Life cycle assessmentâ€based Absolute Environmental Sustainability Assessment is also relative. <i>Journal of Industrial Ecology</i> , 2022, 26, 673-682.	2.8	13
7	The revised mathematics of life cycle sustainability assessment. <i>Journal of Cleaner Production</i> , 2022, 350, 131380.	4.6	1
8	Six areas of methodological debate on attributional life cycle assessment. <i>E3S Web of Conferences</i> , 2022, 349, 03007.	0.2	1
9	Ratio, Sum, or Weighted Sum? The Curious Case of BASFâ€™s Eco-efficiency Analysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8754-8762.	3.2	7
10	Meta-comparisons: how to compare methods for LCA?. <i>International Journal of Life Cycle Assessment</i> , 2022, 27, 993-1015.	2.2	6
11	The average versus marginal debate in LCIA: paradigm regained. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 22-25.	2.2	5
12	Selecting the best product alternative in a sea of uncertainty. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 616-632.	2.2	15
13	A rapid review of meta-analyses and systematic reviews of environmental footprints of food commodities and diets. <i>Global Food Security</i> , 2021, 28, 100508.	4.0	7
14	One Process Does Not Make a Life Cycleâ€Comment to Marcinkowski and Kopania. <i>Energies</i> , 2021, 14, 1956.	1.6	2
15	Attributional & Consequential Life Cycle Assessment: Definitions, Conceptual Characteristics and Modelling Restrictions. <i>Sustainability</i> , 2021, 13, 7386.	1.6	59
16	Waste is not a service. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1538-1540.	2.2	1
17	Multifunctionality in Life Cycle Inventory Analysis: Approaches and Solutions. <i>LCA Compendium</i> , 2021, , 73-95.	0.8	4
18	Practice without theory: a reply to the note from Huijbregts, Hellweg, and Hertwich on the average versus marginal debate in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 2196-2198.	2.2	0

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19	Response: Commentary: System Expansion and Substitution in LCA: A Lost Opportunity of ISO 14044 Amendment 2. <i>Frontiers in Sustainability</i> , 2021, 2, .	1.3	2
20	Modelling global material stocks and flows for residential and service sector buildings towards 2050. <i>Journal of Cleaner Production</i> , 2020, 245, 118658.	4.6	98
21	Abiotic resource depletion potentials (ADPs) for elements revisited—updating ultimate reserve estimates and introducing time series for production data. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 294-308.	2.2	45
22	On the number of Monte Carlo runs in comparative probabilistic LCA. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 394-402.	2.2	82
23	Sensitivity to weighting in life cycle impact assessment (LCIA). <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 2393-2406.	2.2	29
24	Imbalance and drivers of carbon emissions embodied in trade along the Belt and Road Initiative. <i>Applied Energy</i> , 2020, 280, 115934.	5.1	83
25	Is mainstream LCA linear?. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 1872-1882.	2.2	16
26	Top-down characterization of resource use in LCA: from problem definition of resource use to operational characterization factors for dissipation of elements to the environment. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 2255-2273.	2.2	21
27	Efficient computation of environmentally extended input–output scenario and circular economy modeling. <i>Journal of Industrial Ecology</i> , 2020, 24, 976-985.	2.8	3
28	LC-IMPACT: A regionalized life cycle damage assessment method. <i>Journal of Industrial Ecology</i> , 2020, 24, 1201-1219.	2.8	80
29	Assessing the sustainability of emerging technologies: A probabilistic LCA method applied to advanced photovoltaics. <i>Journal of Cleaner Production</i> , 2020, 259, 120968.	4.6	29
30	Patent analysis as a novel method for exploring commercial interest in wild harvested species. <i>Biological Conservation</i> , 2020, 243, 108454.	1.9	9
31	An improved life cycle impact assessment principle for assessing the impact of land use on ecosystem services. <i>Science of the Total Environment</i> , 2019, 693, 133374.	3.9	39
32	Pollination of <i>Habenaria tridactylites</i> on the Canary Islands. <i>Nordic Journal of Botany</i> , 2019, 37, .	0.2	5
33	Tackling Missing Heritability by Use of an Optimum Curve: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5104.	1.8	3
34	Everything is relative and nothing is certain. Toward a theory and practice of comparative probabilistic LCA. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1573-1579.	2.2	18
35	Analyzing the effects of the choice of model in the context of marginal changes in final demand. <i>Journal of Economic Structures</i> , 2019, 8, .	0.6	1
36	Morphological and Molecular Characterization of Orchid Fruit Development. <i>Frontiers in Plant Science</i> , 2019, 10, 137.	1.7	19

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37	Towards optimal trade-offs between material and energy recovery for green waste. Waste Management, 2019, 93, 100-111.	3.7	24
38	Contribution-based prioritization of LCI database improvements: the most important unit processes in ecoinvent. International Journal of Life Cycle Assessment, 2019, 24, 1778-1792.	2.2	6
39	Resource depletion potentials from bottom-up models: Population dynamics and the Hubbert peak theory. Science of the Total Environment, 2019, 650, 1303-1308.	3.9	8
40	A tool to guide the selection of impact categories for LCA studies by using the representativeness index. Science of the Total Environment, 2019, 658, 768-776.	3.9	18
41	Biodiesel Production and Consumption: Life Cycle Assessment (LCA) Approach. Biofuel and Biorefinery Technologies, 2019, , 161-192.	0.1	4
42	Moving from completing system boundaries to more realistic modeling of the economy in life cycle assessment. International Journal of Life Cycle Assessment, 2019, 24, 211-218.	2.2	14
43	Estimating global copper demand until 2100 with regression and stock dynamics. Resources, Conservation and Recycling, 2018, 132, 28-36.	5.3	157
44	Uncertainty Analysis in Embodied Carbon Assessments: What Are the Implications of Its Omission?. , 2018, , 3-21.		4
45	Quantified Uncertainties in Comparative Life Cycle Assessment: What Can Be Concluded?. Environmental Science & Technology, 2018, 52, 2152-2161.	4.6	87
46	Amenity proximity analysis for sustainable brownfield redevelopment planning. Landscape and Urban Planning, 2018, 171, 68-79.	3.4	26
47	On the use of different models for consequential life cycle assessment. International Journal of Life Cycle Assessment, 2018, 23, 751-758.	2.2	71
48	Critical Analysis of Methods for Integrating Economic and Environmental Indicators. Ecological Economics, 2018, 146, 549-559.	2.9	17
49	Trade-offs between social and environmental Sustainable Development Goals. Environmental Science and Policy, 2018, 90, 65-72.	2.4	167
50	Implementation of stochastic multi attribute analysis (SMAA) in comparative environmental assessments. Environmental Modelling and Software, 2018, 109, 223-231.	1.9	15
51	Digesting the alphabet soup of LCA. International Journal of Life Cycle Assessment, 2018, 23, 1507-1511.	2.2	46
52	Green and Clean: Reviewing the Justification of Claims for Nanomaterials from a Sustainability Point of View. Sustainability, 2018, 10, 689.	1.6	25
53	No Matter "How?: Dealing with Matterless Stressors in LCA of Wind Energy Systems. Journal of Industrial Ecology, 2017, 21, 70-81.	2.8	3
54	A generalized computational structure for regional life-cycle assessment. International Journal of Life Cycle Assessment, 2017, 22, 213-221.	2.2	28

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55	Pre-calculated LCI systems with uncertainties cannot be used in comparative LCA. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 461-461.	2.2	15
56	Life Cycle Assessment of Noise Emissions: Comment on a Recent Publication. <i>Environmental Modeling and Assessment</i> , 2017, 22, 183-184.	1.2	8
57	Hybrid life cycle assessment (LCA) does not necessarily yield more accurate results than process-based LCA. <i>Journal of Cleaner Production</i> , 2017, 150, 237-242.	4.6	72
58	Method selection for sustainability assessments: The case of recovery of resources from waste water. <i>Journal of Environmental Management</i> , 2017, 197, 221-230.	3.8	31
59	Electricity generation and GHG emission reduction potentials through different municipal solid waste management technologies: A comparative review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 414-439.	8.2	205
60	LCA and decision making: when and how to use consequential LCA; 62nd LCA forum, Swiss Federal Institute of Technology, Zürich, 9 September 2016. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 296-301.	2.2	24
61	Methods for global sensitivity analysis in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1125-1137.	2.2	97
62	Setting the stage for debating the roles of risk assessment and life-cycle assessment of engineered nanomaterials. <i>Nature Nanotechnology</i> , 2017, 12, 727-733.	15.6	78
63	On criteria for the evaluation of life cycle assessment software. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1475-1476.	2.2	0
64	Comment on "Resource Footprints are Good Proxies of Environmental Damage". <i>Environmental Science & Technology</i> , 2017, 51, 13054-13055.	4.6	7
65	Assessing greenhouse gas emissions of milk production: which parameters are essential?. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 441-455.	2.2	19
66	Introduction to Life Cycle Assessment. <i>Springer Series in Supply Chain Management</i> , 2017, , 15-41.	0.5	7
67	Ignoring correlation in uncertainty and sensitivity analysis in life cycle assessment: what is the risk?. <i>Environmental Impact Assessment Review</i> , 2017, 62, 98-109.	4.4	61
68	Mathematics and the Anthropocene equation: Comment on Gaffney O and Steffen W (2017) The Anthropocene equation. <i>The Anthropocene Review</i> 4:53-61. <i>Infrastructure Asset Management</i> , 2017, 4, 259-263.	1.2	4
69	Measures of Difference and Significance in the Era of Computer Simulations, Meta-Analysis, and Big Data. <i>Entropy</i> , 2016, 18, 361.	1.1	15
70	A Protocol for the Global Sensitivity Analysis of Impact Assessment Models in Life Cycle Assessment. <i>Risk Analysis</i> , 2016, 36, 357-377.	1.5	55
71	The footprint's fingerprint: on the classification of the footprint family. <i>Current Opinion in Environmental Sustainability</i> , 2016, 23, 54-62.	3.1	52
72	Environmental impact assessment of olive pomace oil biodiesel production and consumption: A comparative lifecycle assessment. <i>Energy</i> , 2016, 106, 87-102.	4.5	82

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73	Effect of biogenic carbon inventory on the life cycle assessment of bioenergy: challenges to the neutrality assumption. <i>Journal of Cleaner Production</i> , 2016, 125, 78-85.	4.6	66
74	Sensitivity analysis of greenhouse gas emissions from a pork production chain. <i>Journal of Cleaner Production</i> , 2016, 129, 202-211.	4.6	29
75	Assessment of Life Cycle Impacts on Ecosystem Services: Promise, Problems, and Prospects. <i>Environmental Science & Technology</i> , 2016, 50, 1077-1092.	4.6	61
76	A pseudo-statistical approach to treat choice uncertainty: the example of partitioning allocation methods. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 252-264.	2.2	28
77	The role of impact characterization in carbon footprinting. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 130-131.	1.9	4
78	An Identification Key for Selecting Methods for Sustainability Assessments. <i>Sustainability</i> , 2015, 7, 2490-2512.	1.6	52
79	The Environmental Sustainability of Nations: Benchmarking the Carbon, Water and Land Footprints against Allocated Planetary Boundaries. <i>Sustainability</i> , 2015, 7, 11285-11305.	1.6	67
80	Accounting for land-use efficiency and temporal variations between brownfield remediation alternatives in life-cycle assessment. <i>Journal of Cleaner Production</i> , 2015, 101, 109-117.	4.6	51
81	Rethinking the Relationship between Footprints and LCA. <i>Environmental Science & Technology</i> , 2015, 49, 10-11.	4.6	24
82	Environmental implications of increasingly stringent sewage discharge standards in municipal wastewater treatment plants: case study of a cool area of China. <i>Journal of Cleaner Production</i> , 2015, 94, 278-283.	4.6	106
83	Understanding the complementary linkages between environmental footprints and planetary boundaries in a footprintâ€“boundary environmental sustainability assessment framework. <i>Ecological Economics</i> , 2015, 114, 218-226.	2.9	132
84	Comparison of Asian Aquaculture Products by Use of Statistically Supported Life Cycle Assessment. <i>Environmental Science & Technology</i> , 2015, 49, 14176-14183.	4.6	58
85	Investigating the inventory and characterization aspects of footprinting methods: lessons for the classification and integration of footprints. <i>Journal of Cleaner Production</i> , 2015, 108, 1028-1036.	4.6	28
86	Product Carbon Footprints and Their Uncertainties in Comparative Decision Contexts. <i>PLoS ONE</i> , 2015, 10, e0121221.	1.1	93
87	Sustainability Analysis and Systems of Linear Equations in the Era of Data Abundance. <i>Journal of Environmental Accounting and Management</i> , 2015, 3, 109-122.	0.3	5
88	Topological Network Theory and Its Application to LCA and IOA and Related Industrial Ecology Tools: Principles and Promise. <i>Journal of Environmental Accounting and Management</i> , 2015, 3, 151-167.	0.3	9
89	There Is Still Room for a Footprint Family without a Life Cycle Approachâ€”Comment on â€œTowards an Integrated Family of Footprint Indicatorsâ€”. <i>Journal of Industrial Ecology</i> , 2014, 18, 71-72.	2.8	10
90	Indirect land use change and biofuels: Mathematical analysis reveals a fundamental flaw in the regulatory approach. <i>Biomass and Bioenergy</i> , 2014, 71, 408-412.	2.9	9

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91	Moving from the material footprint to a resource depletion footprint. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 596-598.	1.6	14
92	Using LCA-based Decomposition Analysis to Study the Multidimensional Contribution of Technological Innovation to Environmental Pressures. <i>Journal of Industrial Ecology</i> , 2014, 18, 380-392.	2.8	28
93	Balance issues in monetary input-output tables. <i>Ecological Economics</i> , 2014, 102, 69-74.	2.9	21
94	Maximizing affluence within the planetary boundaries. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 1331.	2.2	22
95	Ten easy lessons for good communication of LCA. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 473-476.	2.2	55
96	The ESPA (Enhanced Structural Path Analysis) method: a solution to an implementation challenge for dynamic life cycle assessment studies. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 861-871.	2.2	57
97	Methods for uncertainty propagation in life cycle assessment. <i>Environmental Modelling and Software</i> , 2014, 62, 316-325.	1.9	101
98	Building and Characterizing Regional and Global Emission Inventories of Toxic Pollutants. <i>Environmental Science & Technology</i> , 2014, 48, 5674-5682.	4.6	19
99	A novel life cycle impact assessment method on biomass residue harvesting reckoning with loss of biomass productivity. <i>Journal of Cleaner Production</i> , 2014, 81, 137-145.	4.6	14
100	A protocol for horizontal averaging of unit process data including estimates for uncertainty. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 429-436.	2.2	70
101	Error propagation methods for LCA—a comparison. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 1445-1461.	2.2	110
102	Characterisation factors for life cycle impact assessment of sound emissions. <i>Science of the Total Environment</i> , 2014, 468-469, 280-291.	3.9	28
103	Theoretical exploration for the combination of the ecological, energy, carbon, and water footprints: Overview of a footprint family. <i>Ecological Indicators</i> , 2014, 36, 508-518.	2.6	259
104	A framework for deciding on the inclusion of emerging impacts in life cycle impact assessment. <i>Journal of Cleaner Production</i> , 2014, 78, 152-163.	4.6	19
105	Urban Metabolism: Many Open Questions for Future Answers. , 2014, , 23-32.		5
106	Toward a computational structure for life cycle sustainability analysis: unifying LCA and LCC. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 1722-1733.	2.2	125
107	Identifying best existing practice for characterization modeling in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 683-697.	2.2	515
108	The Green Economy Mirage?. <i>Journal of Industrial Ecology</i> , 2013, 17, 835-845.	2.8	5

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109	Development and Application of Dynamic Hybrid Multi-Region Inventory Analysis for Macro-level Environmental Policy Analysis: A Case Study on Climate Policy in Taiwan. <i>Environmental Science & Technology</i> , 2013, 47, 2512-2519.	4.6	4
110	The footprint family: comparison and interaction of the ecological, energy, carbon and water footprints. <i>Revue De Metallurgie</i> , 2013, 110, 77-86.	0.3	14
111	Key Issues in Conducting Life Cycle Assessment of Bio-Based Renewable Energy Sources. <i>Green Energy and Technology</i> , 2013, , 13-36.	0.4	9
112	Lights and shadows in consequential LCA. <i>International Journal of Life Cycle Assessment</i> , 2012, 17, 904-918.	2.2	248
113	Thermodynamic resource indicators in LCA: a case study on the titania produced in Panzhuhua city, southwest China. <i>International Journal of Life Cycle Assessment</i> , 2012, 17, 951-961.	2.2	45
114	Differences between LCA for analysis and LCA for policy: a case study on the consequences of allocation choices in bio-energy policies. <i>International Journal of Life Cycle Assessment</i> , 2012, 17, 1059-1067.	2.2	86
115	LCA of second generation bioethanol: A review and some issues to be resolved for good LCA practice. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 5295-5308.	8.2	133
116	Towards a general framework for including noise impacts in LCA. <i>International Journal of Life Cycle Assessment</i> , 2012, 17, 471-487.	2.2	40
117	Thermodynamic analysis of human-environment systems: A review focused on industrial ecology. <i>Ecological Modelling</i> , 2012, 228, 76-88.	1.2	47
118	Natural resource demand of global biofuels in the Anthropocene: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 996-1003.	8.2	13
119	Life Cycle Assessment: Past, Present, and Future. <i>Environmental Science & Technology</i> , 2011, 45, 90-96.	4.6	1,090
120	Life Cycle Sustainability Analysis. <i>Journal of Industrial Ecology</i> , 2011, 15, 656-658.	2.8	23
121	Is bioethanol a sustainable energy source? An energy-, exergy-, and emergy-based thermodynamic system analysis. <i>Renewable Energy</i> , 2011, 36, 3479-3487.	4.3	53
122	Simplified fate modelling in respect to ecotoxicological and human toxicological characterisation of emissions of chemical compounds. <i>International Journal of Life Cycle Assessment</i> , 2011, 16, 739-747.	2.2	15
123	Sensitivity coefficients for matrix-based LCA. <i>International Journal of Life Cycle Assessment</i> , 2010, 15, 511-520.	2.2	76
124	Toward a solution of allocation in life cycle inventories: the use of least-squares techniques. <i>International Journal of Life Cycle Assessment</i> , 2010, 15, 1020-1040.	2.2	21
125	Rigorous proof of fuzzy error propagation with matrix-based LCI. <i>International Journal of Life Cycle Assessment</i> , 2010, 15, 1014-1019.	2.2	20
126	GLOBOX: A spatially differentiated global fate, intake and effect model for toxicity assessment in LCA. <i>Science of the Total Environment</i> , 2010, 408, 2817-2832.	3.9	49

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127	Life cycle assessment and sustainability analysis of products, materials and technologies. Toward a scientific framework for sustainability life cycle analysis. <i>Polymer Degradation and Stability</i> , 2010, 95, 422-428.	2.7	266
128	Generalized Make and Use Framework for Allocation in Life Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2010, 14, 335-353.	2.8	105
129	Ecodesign " Carbon Footprint " Life Cycle Assessment " Life Cycle Sustainability Analysis. A Flexible Framework for a Continuum of Tools. <i>Environmental and Climate Technologies</i> , 2010, 4, 42-46.	0.2	12
130	Towards a global multi-regional environmentally extended input-output database. <i>Ecological Economics</i> , 2009, 68, 1928-1937.	2.9	223
131	Recent developments in Life Cycle Assessment. <i>Journal of Environmental Management</i> , 2009, 91, 1-21.	3.8	2,163
132	A greenhouse gas indicator for bioenergy: some theoretical issues with practical implications. <i>International Journal of Life Cycle Assessment</i> , 2009, 14, 328-339.	2.2	72
133	Analysis of Physical Interactions Between the Economy and the Environment. , 2009, , 207-237.		3
134	An Illustration of the LCA Technique. , 2009, , 375-383.		0
135	Books: Practical Handbook of Material Flow Analysis. <i>Journal of Industrial Ecology</i> , 2008, 10, 293-294.	2.8	0
136	Energy Efficient Emulsion Polymerization Strategies. <i>Macromolecular Reaction Engineering</i> , 2008, 2, 90-98.	0.9	10
137	Environmental Accounting of Eco-innovations through Environmental Input-output Analysis: The Case of Hydrogen and Fuel Cells Buses. <i>Economic Systems Research</i> , 2008, 20, 303-318.	1.2	10
138	Allocation and "what-if" scenarios in life cycle assessment of waste management systems. <i>Waste Management</i> , 2007, 27, 997-1005.	3.7	197
139	Calculating the influence of alternative allocation scenarios in fossil fuel chains. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 173-180.	2.2	18
140	Bias in normalization: Causes, consequences, detection and remedies. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 211-216.	2.2	80
141	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
142	Life-cycle assessment for energy analysis and management. <i>Applied Energy</i> , 2007, 84, 817-827.	5.1	152
143	Calculating the influence of alternative allocation scenarios in fossil fuel chains. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 173-180.	2.2	14
144	Bias in normalization: Causes, consequences, detection and remedies. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 211-216.	2.2	29

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145	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
146	Similarities, Differences and Synergisms Between HERA and LCA—An Analysis at Three Levels. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 431-449.	1.7	38
147	Reformulation of matrix-based LCI: from product balance to process balance. <i>Journal of Cleaner Production</i> , 2006, 14, 47-51.	4.6	42
148	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
149	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
150	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
151	Numerical Approaches to Life Cycle Interpretation - The case of the Ecoinvent TM 96 database (10 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 103-112.	2.2	58
152	Representing Statistical Distributions for Uncertain Parameters in LCA. Relationships between mathematical forms, their representation in EcoSpold, and their representation in CMLCA (7 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 248-254.	2.2	52
153	On the Use of Units in LCA (4 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 173-176.	2.2	15
154	Human population intake fractions and environmental fate factors of toxic pollutants in life cycle impact assessment. <i>Chemosphere</i> , 2005, 61, 1495-1504.	4.2	64
155	Three Strategies to Overcome the Limitations of Life-Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2004, 8, 19-32.	2.8	140
156	Economic allocation: Examples and derived decision tree. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 23.	2.2	178
157	A theory of the environment and economic systems. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 71-71.	2.2	1
158	The LCIA midpoint-damage framework of the UNEP/SETAC life cycle initiative. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 394.	2.2	226
159	Complexity and integrated resource management: uncertainty in LCA. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 341-342.	2.2	14
160	A theory of the environment and economic systems a unified framework for ecological economic analysis and decision support. <i>International Journal of Life Cycle Assessment</i> , 2003, 8, 381-381.	2.2	1
161	Risk Assessment and Life-cycle Assessment. <i>Greener Management International</i> , 2003, 2003, 77-87.	0.1	17
162	The computational structure of life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2002, 7, 314-314.	2.2	57

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163	The Computational Structure of Life Cycle Assessment. <i>Eco-efficiency in Industry and Science</i> , 2002, , .	0.1	356
164	Numerical approaches towards life cycle interpretation five examples. <i>International Journal of Life Cycle Assessment</i> , 2001, 6, 141.	2.2	120
165	Developing an LCA guide for decision support. <i>Management of Environmental Quality</i> , 2001, 12, 301-311.	0.4	46
166	Material flows and economic models: an analytical comparison of SFA, LCA and partial equilibrium models. <i>Ecological Economics</i> , 2000, 32, 195-216.	2.9	147
167	Spatially Explicit Characterization of Acidifying and Eutrophying Air Pollution in Life-Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2000, 4, 75-92.	2.8	86
168	Full Mode and Attribution Mode in Environmental Analysis. <i>Journal of Industrial Ecology</i> , 2000, 4, 45-56.	2.8	33
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