

# Bo P Weidema

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8073459/publications.pdf>

Version: 2024-02-01

63  
papers

10,977  
citations

94433

37  
h-index

123424

61  
g-index

66  
all docs

66  
docs citations

66  
times ranked

8148  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ecoinvent database version 3 (part I): overview and methodology. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 1218-1230.	4.7	2,961
2	Life cycle assessment. <i>Environment International</i> , 2004, 30, 701-720.	10.0	1,541
3	Data quality management for life cycle inventories – an example of using data quality indicators. <i>Journal of Cleaner Production</i> , 1996, 4, 167-174.	9.3	683
4	System boundaries and input data in consequential life cycle inventory analysis. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 161-171.	4.7	572
5	Carbon Footprint. <i>Journal of Industrial Ecology</i> , 2008, 12, 3-6.	5.5	396
6	Avoiding Co-Product Allocation in Life-Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2000, 4, 11-33.	5.5	288
7	Key issues and options in accounting for carbon sequestration and temporary storage in life cycle assessment and carbon footprinting. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 230-240.	4.7	257
8	The Integration of Economic and Social Aspects in Life Cycle Impact Assessment. <i>International Journal of Life Cycle Assessment</i> , 2006, 11, 89-96.	4.7	248
9	Marginal production technologies for life cycle inventories. <i>International Journal of Life Cycle Assessment</i> , 1999, 4, 48-56.	4.7	245
10	Framework for modelling data uncertainty in life cycle inventories. <i>International Journal of Life Cycle Assessment</i> , 2001, 6, 127.	4.7	234
11	The LCIA midpoint-damage framework of the UNEP/SETAC life cycle initiative. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 394.	4.7	226
12	C balance, carbon dioxide emissions and global warming potentials in LCA-modelling of waste management systems. <i>Waste Management and Research</i> , 2009, 27, 707-715.	3.9	197
13	Empirically based uncertainty factors for the pedigree matrix in ecoinvent. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 1338-1348.	4.7	194
14	Monetary valuation in Life Cycle Assessment: a review. <i>Journal of Cleaner Production</i> , 2015, 86, 170-179.	9.3	182
15	Normalisation and weighting in life cycle assessment: quo vadis?. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 853-866.	4.7	178
16	Using the budget constraint to monetarise impact assessment results. <i>Ecological Economics</i> , 2009, 68, 1591-1598.	5.7	165
17	A framework for modelling indirect land use changes in Life Cycle Assessment. <i>Journal of Cleaner Production</i> , 2015, 99, 230-238.	9.3	140
18	Attributional and consequential LCA in the ILCD handbook. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 293-296.	4.7	122

#	ARTICLE	IF	CITATIONS
19	Shift in the marginal supply of vegetable oil. <i>International Journal of Life Cycle Assessment</i> , 2008, 13, 235-239.	4.7	119
20	Framework for scenario development in LCA. <i>International Journal of Life Cycle Assessment</i> , 2000, 5, 21.	4.7	117
21	Multi-user test of the data quality matrix for product life cycle inventory data. <i>International Journal of Life Cycle Assessment</i> , 1998, 3, 259-265.	4.7	116
22	The application of the pedigree approach to the distributions foreseen in ecoinvent v3. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 1327-1337.	4.7	114
23	Attributional or consequential Life Cycle Assessment: A matter of social responsibility. <i>Journal of Cleaner Production</i> , 2018, 174, 305-314.	9.3	114
24	Principles for life cycle inventories of land use on a global scale. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 1203-1215.	4.7	111
25	A Consistent Framework for Assessing the Impacts from Resource Use - A focus on resource functionality (8 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 240-247.	4.7	110
26	Generalized Make and Use Framework for Allocation in Life Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2010, 14, 335-353.	5.5	105
27	Rebound effects of price differences. <i>International Journal of Life Cycle Assessment</i> , 2008, 13, 104-114.	4.7	98
28	Mineral resources in life cycle impact assessment – part I: a critical review of existing methods. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 784-797.	4.7	95
29	Avoiding Allocation in Life Cycle Assessment Revisited. <i>Journal of Industrial Ecology</i> , 2010, 14, 192-195.	5.5	86
30	Mineral resources in life cycle impact assessment: part II – recommendations on application-dependent use of existing methods and on future method development needs. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 798-813.	4.7	84
31	Towards harmonizing natural resources as an area of protection in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1912-1927.	4.7	70
32	Towards integrating the ecosystem services cascade framework within the Life Cycle Assessment (LCA) cause-effect methodology. <i>Science of the Total Environment</i> , 2019, 690, 1284-1298.	8.0	70
33	Market aspects in product life cycle inventory methodology. <i>Journal of Cleaner Production</i> , 1993, 1, 161-166.	9.3	63
34	Methodological review and detailed guidance for the life cycle interpretation phase. <i>Journal of Industrial Ecology</i> , 2020, 24, 986-1003.	5.5	61
35	Has ISO 14040/44 Failed Its Role as a Standard for Life Cycle Assessment?. <i>Journal of Industrial Ecology</i> , 2014, 18, 324-326.	5.5	55
36	Comparing Three Life Cycle Impact Assessment Methods from an Endpoint Perspective. <i>Journal of Industrial Ecology</i> , 2015, 19, 20-26.	5.5	53

#	ARTICLE	IF	CITATIONS
37	The computational structure of environmental life cycle costing. International Journal of Life Cycle Assessment, 2015, 20, 1359-1363.	4.7	50
38	The social footprintâ€™a practical approach to comprehensive and consistent social LCA. International Journal of Life Cycle Assessment, 2018, 23, 700-709.	4.7	36
39	ISO 14044 also Applies to Social LCA. International Journal of Life Cycle Assessment, 2005, 10, 381-381.	4.7	33
40	Nutrition in the life cycle assessment of foodsâ€™function or impact?. International Journal of Life Cycle Assessment, 2020, 25, 1210-1216.	4.7	29
41	Life cycle inventory data. International Journal of Life Cycle Assessment, 1996, 1, 171-178.	4.7	25
42	Application typologies for life cycle assessment. International Journal of Life Cycle Assessment, 1998, 3, 237-240.	4.7	24
43	On the boundary between economy and environment in life cycle assessment. International Journal of Life Cycle Assessment, 2018, 23, 1839-1846.	4.7	24
44	Impacts from Resource Use - A common position paper. International Journal of Life Cycle Assessment, 2005, 10, 382-382.	4.7	23
45	Recycling and its effects on joint production systems and the environment â€™ the case of rare earth magnet recycling â€™ Part I â€™ Production model. Resources, Conservation and Recycling, 2018, 134, 336-346.	10.8	23
46	Setting Priorities within Product-Oriented Environmental Policy. Journal of Industrial Ecology, 2006, 10, 73-87.	5.5	22
47	Increasing credibility of LCA. International Journal of Life Cycle Assessment, 2000, 5, 63-64.	4.7	21
48	Avoiding or Ignoring Uncertainty. Journal of Industrial Ecology, 2009, 13, 354-356.	5.5	21
49	Rebuttal to â€™Indirect land use change (<sc>iLUC</sc>) within life cycle assessment (LCA) â€™ scientific robustness and consistency with international standardsâ€™. GCB Bioenergy, 2015, 7, 565-566.	5.6	19
50	In Search of a Consistent Solution to Allocation of Joint Production. Journal of Industrial Ecology, 2018, 22, 252-262.	5.5	18
51	Estimation of the size of error introduced into consequential models by using attributional background datasets. International Journal of Life Cycle Assessment, 2017, 22, 1241-1246.	4.7	15
52	The Social Cost of Sub-Soil Resource Use. Resources, 2019, 8, 19.	3.5	12
53	Consistency check for life cycle assessments. International Journal of Life Cycle Assessment, 2019, 24, 926-934.	4.7	12
54	Social responsibility is always consequential â€™ Rebuttal to Brander, Burritt and Christ (2019): Coupling attributional and consequential life cycle assessment: A matter of social responsibility. Journal of Cleaner Production, 2019, 223, 12-13.	9.3	11

#	ARTICLE	IF	CITATIONS
55	Stepping Stones From Life Cycle Assessment to Adjacent Assessment Techniques. <i>Journal of Industrial Ecology</i> , 2011, 15, 658-661.	5.5	10
56	Relevance of attributional and consequential information for environmental product labelling. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 900-904.	4.7	10
57	Life cycle screenings of two food products. , 1995, , 53-64.		10
58	A core ontology for modeling life cycle sustainability assessment on the Semantic Web. <i>Journal of Industrial Ecology</i> , 2022, 26, 731-747.	5.5	10
59	Relating the Global Burden of Disease to Life Cycles. <i>Procedia CIRP</i> , 2018, 69, 417-422.	1.9	8
60	Recycling, close-loop economy, secondary resources. <i>International Journal of Life Cycle Assessment</i> , 2003, 8, 106.	4.7	5
61	New Paradigm or Old Distance to Target?. <i>Environmental Science &amp; Technology</i> , 2012, 46, 570-570.	10.0	3
62	Book Review of <i>Life Cycle Assessment: Theory and Practice</i> , edited by Michael Z. Hauschild, Ralph K. Rosenbaum, and Stig Irving Olsen; <i>Environmental Life Cycle Assessment</i> , by Olivier Jolliet, Myriam Saad-Allah, Shanna Shaked, Alexandre Jolliet, and Pierre Crettaz; and <i>Life Cycle Assessment: Quantitative Approaches for Decisions That Matter</i> , by H. Scott Matthews, Chris T. Hendrickson, and Deanna H. Matthews. <i>Journal of Industrial Ecology</i> , 2020, 24, 726-730.	5.5	2
63	Beyond normative system boundaries in life cycle assessment: The environmental effect of income redistribution. <i>Cleaner Environmental Systems</i> , 2022, 4, 100072.	4.2	0