

Manfred Lenzen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

256
papers

20,067
citations

77
h-index

138
g-index

286
ext. papers

23,367
ext. citations

7
avg, IF

7.56
L-index

#	Paper	IF	Citations
256	The material footprint of nations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6271-6	11.5	834
255	System boundary selection in life-cycle inventories using hybrid approaches. <i>Environmental Science & Technology</i> , 2004 , 38, 657-64	10.3	777
254	BUILDING EORA: A GLOBAL MULTI-REGION INPUT-OUTPUT DATABASE AT HIGH COUNTRY AND SECTOR RESOLUTION. <i>Economic Systems Research</i> , 2013 , 25, 20-49	2.1	761
253	International trade drives biodiversity threats in developing nations. <i>Nature</i> , 2012 , 486, 109-12	50.4	686
252	Mapping the structure of the world economy. <i>Environmental Science & Technology</i> , 2012 , 46, 8374-81	10.3	575
251	Errors in Conventional and Input-Output Based Life Cycle Inventories. <i>Journal of Industrial Ecology</i> , 2000 , 4, 127-148	7.2	494
250	The carbon footprint of global tourism. <i>Nature Climate Change</i> , 2018 , 8, 522-528	21.4	484
249	Examining the global environmental impact of regional consumption activities [Part 2: Review of input-output models for the assessment of environmental impacts embodied in trade. <i>Ecological Economics</i> , 2007 , 61, 15-26	5.6	482
248	Shared producer and consumer responsibility [Theory and practice. <i>Ecological Economics</i> , 2007 , 61, 27-42	5.6	422
247	INPUT-OUTPUT ANALYSIS AND CARBON FOOTPRINTING: AN OVERVIEW OF APPLICATIONS. <i>Economic Systems Research</i> , 2009 , 21, 187-216	2.1	355
246	Primary energy and greenhouse gases embodied in Australian final consumption: an input-output analysis. <i>Energy Policy</i> , 1998 , 26, 495-506	7.2	340
245	CO2 Multipliers in Multi-region Input-Output Models. <i>Economic Systems Research</i> , 2004 , 16, 391-412	2.1	338
244	Environmental and social footprints of international trade. <i>Nature Geoscience</i> , 2018 , 11, 314-321	18.3	306
243	A comparative multivariate analysis of household energy requirements in Australia, Brazil, Denmark, India and Japan. <i>Energy</i> , 2006 , 31, 181-207	7.9	294
242	International trade of scarce water. <i>Ecological Economics</i> , 2013 , 94, 78-85	5.6	288
241	A modified ecological footprint method and its application to Australia. <i>Ecological Economics</i> , 2001 , 37, 229-255	5.6	287
240	Decoupling global environmental pressure and economic growth: scenarios for energy use, materials use and carbon emissions. <i>Journal of Cleaner Production</i> , 2016 , 132, 45-56	10.3	270

239	Life cycle energy and greenhouse gas emissions of nuclear energy: A review. <i>Energy Conversion and Management</i> , 2008 , 49, 2178-2199	10.6	253
238	Quo Vadis MRIO? Methodological, data and institutional requirements for multi-region input-output analysis. <i>Ecological Economics</i> , 2011 , 70, 1937-1945	5.6	247
237	Consumption-based GHG emission accounting: a UK case study. <i>Climate Policy</i> , 2013 , 13, 451-470	5.3	234
236	Scientists' warning on affluence. <i>Nature Communications</i> , 2020 , 11, 3107	17.4	228
235	AGGREGATION VERSUS DISAGGREGATION IN INPUT-OUTPUT ANALYSIS OF THE ENVIRONMENT. <i>Economic Systems Research</i> , 2011 , 23, 73-89	2.1	219
234	International trade undermines national emission reduction targets: New evidence from air pollution. <i>Global Environmental Change</i> , 2014 , 24, 52-59	10.1	218
233	Substantial nitrogen pollution embedded in international trade. <i>Nature Geoscience</i> , 2016 , 9, 111-115	18.3	215
232	A CARBON FOOTPRINT TIME SERIES OF THE UK [RESULTS FROM A MULTI-REGION INPUT-OUTPUT MODEL. <i>Economic Systems Research</i> , 2010 , 22, 19-42	2.1	213
231	Energy requirements of Sydney households. <i>Ecological Economics</i> , 2004 , 49, 375-399	5.6	213
230	Energy and CO2 life-cycle analyses of wind turbines—review and applications. <i>Renewable Energy</i> , 2002 , 26, 339-362	8.1	202
229	Application of hybrid life cycle approaches to emerging energy technologies—the case of wind power in the UK. <i>Environmental Science & Technology</i> , 2011 , 45, 5900-7	10.3	200
228	UNCERTAINTY ANALYSIS FOR MULTI-REGION INPUT-OUTPUT MODELS [A CASE STUDY OF THE UK'S CARBON FOOTPRINT. <i>Economic Systems Research</i> , 2010 , 22, 43-63	2.1	199
227	Examining the global environmental impact of regional consumption activities [Part 1: A technical note on combining input-output and ecological footprint analysis. <i>Ecological Economics</i> , 2007 , 62, 37-44	5.6	191
226	Environmentally important paths, linkages and key sectors in the Australian economy. <i>Structural Change and Economic Dynamics</i> , 2003 , 14, 1-34	4.5	185
225	A research agenda for improving national Ecological Footprint accounts. <i>Ecological Economics</i> , 2009 , 68, 1991-2007	5.6	180
224	A structural decomposition analysis of global energy footprints. <i>Applied Energy</i> , 2016 , 163, 436-451	10.7	178
223	A consistent input-output formulation of shared producer and consumer responsibility. <i>Economic Systems Research</i> , 2005 , 17, 365-391	2.1	176
222	Frameworks for comparing emissions associated with production, consumption, and international trade. <i>Environmental Science & Technology</i> , 2012 , 46, 172-9	10.3	160

221	How City Dwellers Affect Their Resource Hinterland. <i>Journal of Industrial Ecology</i> , 2009 , 14, 73-90	7.2	148
220	Global Material Flows and Resource Productivity: Forty Years of Evidence. <i>Journal of Industrial Ecology</i> , 2018 , 22, 827-838	7.2	144
219	Income-based environmental responsibility. <i>Ecological Economics</i> , 2012 , 84, 57-65	5.6	143
218	Effects of Household Consumption Patterns on CO2 Requirements. <i>Economic Systems Research</i> , 2001 , 13, 259-274	2.1	143
217	Energy requirements of households in Brazil. <i>Energy Policy</i> , 2005 , 33, 555-562	7.2	141
216	A comparative study of some environmental impacts of conventional and organic farming in Australia. <i>Agricultural Systems</i> , 2006 , 89, 324-348	6.1	139
215	The carbon footprint of Australian health care. <i>Lancet Planetary Health, The</i> , 2018 , 2, e27-e35	9.8	134
214	Structural path analysis of ecosystem networks. <i>Ecological Modelling</i> , 2007 , 200, 334-342	3	133
213	A guide for compiling inventories in hybrid life-cycle assessments: some Australian results. <i>Journal of Cleaner Production</i> , 2002 , 10, 545-572	10.3	133
212	Global socio-economic losses and environmental gains from the Coronavirus pandemic. <i>PLoS ONE</i> , 2020 , 15, e0235654	3.7	132
211	THE ROLE OF INPUT-OUTPUT ANALYSIS FOR THE SCREENING OF CORPORATE CARBON FOOTPRINTS. <i>Economic Systems Research</i> , 2009 , 21, 217-242	2.1	130
210	Integrating sustainable chain management with triple bottom line accounting. <i>Ecological Economics</i> , 2005 , 52, 143-157	5.6	130
209	Compiling and using input-output frameworks through collaborative virtual laboratories. <i>Science of the Total Environment</i> , 2014 , 485-486, 241-251	10.2	129
208	A Generalized Input-Output Multiplier Calculus for Australia. <i>Economic Systems Research</i> , 2001 , 13, 65-92	2.1	128
207	Structural decomposition of energy use in Brazil from 1970 to 1996. <i>Applied Energy</i> , 2009 , 86, 578-587	10.7	126
206	Energy requirements of consumption: Urban form, climatic and socio-economic factors, rebounds and their policy implications. <i>Energy Policy</i> , 2013 , 63, 696-707	7.2	124
205	Companies on the Scale. <i>Journal of Industrial Ecology</i> , 2009 , 13, 361-383	7.2	123
204	The path exchange method for hybrid LCA. <i>Environmental Science & Technology</i> , 2009 , 43, 8251-6	10.3	120

203	Embodied energy in buildings: wood versus concreteReply to Björjesson and Gustavsson. <i>Energy Policy</i> , 2002 , 30, 249-255	7.2	115
202	EFFECTS OF SECTOR AGGREGATION ON CO2 MULTIPLIERS IN MULTIREGIONAL INPUT-OUTPUT ANALYSES. <i>Economic Systems Research</i> , 2014 , 26, 284-302	2.1	107
201	Truncation error in embodied energy analyses of basic iron and steel products. <i>Energy</i> , 2000 , 25, 577-585	7.9	103
200	Environmental impact assessment including indirect effectsA case study using input-output analysis. <i>Environmental Impact Assessment Review</i> , 2003 , 23, 263-282	5.3	102
199	Risk of pesticide pollution at the global scale. <i>Nature Geoscience</i> , 2021 , 14, 206-210	18.3	101
198	Mercury Flows in China and Global Drivers. <i>Environmental Science & Technology</i> , 2017 , 51, 222-231	10.3	99
197	Does ecologically unequal exchange occur?. <i>Ecological Economics</i> , 2013 , 89, 177-186	5.6	99
196	Understanding virtual water flows: A multiregion input-output case study of Victoria. <i>Water Resources Research</i> , 2009 , 45,	5.4	98
195	A STRUCTURAL DECOMPOSITION APPROACH TO COMPARING MRIO DATABASES. <i>Economic Systems Research</i> , 2014 , 26, 262-283	2.1	97
194	An input-output analysis of Australian water usage. <i>Water Policy</i> , 2001 , 3, 321-340	1.6	96
193	THE INS AND OUTS OF WATER USE A REVIEW OF MULTI-REGION INPUT-OUTPUT ANALYSIS AND WATER FOOTPRINTS FOR REGIONAL SUSTAINABILITY ANALYSIS AND POLICY. <i>Economic Systems Research</i> , 2011 , 23, 353-370	2.1	95
192	Conceptualising environmental responsibility. <i>Ecological Economics</i> , 2010 , 70, 261-270	5.6	95
191	Structural path decomposition. <i>Energy Economics</i> , 2009 , 31, 335-341	8.3	94
190	MATRIX BALANCING UNDER CONFLICTING INFORMATION. <i>Economic Systems Research</i> , 2009 , 21, 23-44	2.1	91
189	Wind turbines in Brazil and Germany: an example of geographical variability in life-cycle assessment. <i>Applied Energy</i> , 2004 , 77, 119-130	10.7	91
188	Using Input-Output Analysis to Measure the Environmental Pressure of Consumption at Different Spatial Levels. <i>Journal of Industrial Ecology</i> , 2008 , 9, 169-185	7.2	89
187	Error propagation methods for LCA comparison. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 1445-1461	4.6	87
186	The Employment Footprints of Nations. <i>Journal of Industrial Ecology</i> , 2014 , 18, 59-70	7.2	87

185	Trends in Global Greenhouse Gas Emissions from 1990 to 2010. <i>Environmental Science & Technology</i> , 2016 , 50, 4722-30	10.3	80
184	Current State of Development of Electricity-Generating Technologies: A Literature Review. <i>Energies</i> , 2010 , 3, 462-591	3.1	79
183	Economic, energy and greenhouse emissions impacts of some consumer choice, technology and government outlay options. <i>Energy Economics</i> , 2002 , 24, 377-403	8.3	79
182	The environmental footprint of health care: a global assessment. <i>Lancet Planetary Health</i> , 2020 , 4, e271-e279	9.8	79
181	Urban Energy Systems 1307-1400		78
180	Evaluating the environmental performance of a university. <i>Journal of Cleaner Production</i> , 2010 , 18, 1134-1141	10.4	78
179	Zero-value problems of the logarithmic mean Divisia index decomposition method. <i>Energy Policy</i> , 2006 , 34, 1326-1331	7.2	77
178	Hybrid input-output life cycle assessment of warm mix asphalt mixtures. <i>Journal of Cleaner Production</i> , 2015 , 90, 171-182	10.3	75
177	Energy and greenhouse gas cost of living for Australia during 1993/94. <i>Energy</i> , 1998 , 23, 497-516	7.9	75
176	Total requirements of energy and greenhouse gases for Australian transport. <i>Transportation Research, Part D: Transport and Environment</i> , 1999 , 4, 265-290	6.4	74
175	Subsidies for electricity-generating technologies: A review. <i>Energy Policy</i> , 2010 , 38, 5038-5047	7.2	71
174	Hybrid life cycle assessment (LCA) will likely yield more accurate results than process-based LCA. <i>Journal of Cleaner Production</i> , 2018 , 176, 210-215	10.3	67
173	Simulating low-carbon electricity supply for Australia. <i>Applied Energy</i> , 2016 , 179, 553-564	10.7	65
172	INPUT-OUTPUT ANALYSIS: THE NEXT 25 YEARS. <i>Economic Systems Research</i> , 2013 , 25, 369-389	2.1	60
171	Comparison of household consumption and regional production approaches to assess urban energy use and implications for policy. <i>Energy Policy</i> , 2011 , 39, 7298-7309	7.2	59
170	GREENHOUSE GAS ANALYSIS OF SOLAR-THERMAL ELECTRICITY GENERATION. <i>Solar Energy</i> , 1999 , 65, 353-368	6.8	58
169	The impact of battery energy storage for renewable energy power grids in Australia. <i>Energy</i> , 2019 , 173, 647-657	7.9	56
168	An Application of a Modified Ecological Footprint Method and Structural Path Analysis in a Comparative Institutional Study. <i>Local Environment</i> , 2003 , 8, 365-386	3.3	56

167	Consumption-based greenhouse gas emissions accounting with capital stock change highlights dynamics of fast-developing countries. <i>Nature Communications</i> , 2018 , 9, 3581	17.4	56
166	Some Comments on the GRAS Method. <i>Economic Systems Research</i> , 2007 , 19, 461-465	2.1	54
165	Hybrid life-cycle assessment of algal biofuel production. <i>Bioresource Technology</i> , 2015 , 184, 436-443	11	53
164	Water accounting in Australia. <i>Ecological Economics</i> , 2007 , 61, 650-659	5.6	53
163	Assessing carbon footprints of cities under limited information. <i>Journal of Cleaner Production</i> , 2018 , 176, 1254-1270	10.3	53
162	A Material History of Australia. <i>Journal of Industrial Ecology</i> , 2009 , 13, 847-862	7.2	52
161	New multi-regional input-output databases for Australia enabling timely and flexible regional analysis. <i>Economic Systems Research</i> , 2017 , 29, 275-295	2.1	51
160	Double-Counting in Life Cycle Calculations. <i>Journal of Industrial Ecology</i> , 2008 , 12, 583-599	7.2	50
159	1.5 °C degrowth scenarios suggest the need for new mitigation pathways. <i>Nature Communications</i> , 2021 , 12, 2676	17.4	50
158	Constructing a Time Series of Nested Multiregion Input-Output Tables. <i>International Regional Science Review</i> , 2017 , 40, 476-499	1.8	49
157	Decomposition analysis and the mean-rate-of-change index. <i>Applied Energy</i> , 2006 , 83, 185-198	10.7	49
156	The Global MRIO Lab Charting the world economy. <i>Economic Systems Research</i> , 2017 , 29, 158-186	2.1	48
155	Simulating the impact of new industries on the economy: The case of biorefining in Australia. <i>Ecological Economics</i> , 2014 , 107, 84-93	5.6	48
154	Differential Convergence of Life-Cycle Inventories toward Upstream Production Layers. <i>Journal of Industrial Ecology</i> , 2002 , 6, 137-160	7.2	48
153	How severe space weather can disrupt global supply chains. <i>Natural Hazards and Earth System Sciences</i> , 2014 , 14, 2749-2759	3.9	47
152	Assessing the Ecological Footprint of a Large Metropolitan Water Supplier: Lessons for Water Management and Planning towards Sustainability. <i>Journal of Environmental Planning and Management</i> , 2003 , 46, 113-141	2.8	46
151	Advancements in Input-Output Models and Indicators for Consumption-Based Accounting. <i>Journal of Industrial Ecology</i> , 2019 , 23, 300-312	7.2	44
150	A Supply-Use Approach to Waste Input-Output Analysis. <i>Journal of Industrial Ecology</i> , 2014 , 18, 212-226	7.2	41

149	Uncertainty in Impact and Externality Assessments - Implications for Decision-Making (13 pp). <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 189-199	4.6	41
148	The inequality footprints of nations: a novel approach to quantitative accounting of income inequality. <i>PLoS ONE</i> , 2014 , 9, e110881	3.7	41
147	Global Supply Chains of Coltan. <i>Journal of Industrial Ecology</i> , 2015 , 19, 357-365	7.2	40
146	Effects of land use on threatened species. <i>Conservation Biology</i> , 2009 , 23, 294-306	6	40
145	Consumption-based material flow indicators I Comparing six ways of calculating the Austrian raw material consumption providing six results. <i>Ecological Economics</i> , 2016 , 128, 177-186	5.6	39
144	A hybrid method for quantifying China's nitrogen footprint during urbanisation from 1990 to 2009. <i>Environment International</i> , 2016 , 97, 137-145	12.9	39
143	How Social Footprints of Nations Can Assist in Achieving the Sustainable Development Goals. <i>Ecological Economics</i> , 2017 , 135, 55-65	5.6	37
142	Triple bottom line study of a lignocellulosic biofuel industry. <i>GCB Bioenergy</i> , 2016 , 8, 96-110	5.6	36
141	The carbon footprint of desalination: An input-output analysis of seawater reverse osmosis desalination in Australia for 2005-2015. <i>Desalination</i> , 2019 , 454, 71-81	10.3	36
140	Using a new USA multi-region input output (MRIO) model for assessing economic and energy impacts of wind energy expansion in USA. <i>Applied Energy</i> , 2020 , 261, 114141	10.7	35
139	Labour forced impacts and production losses due to the 2013 flood in Germany. <i>Journal of Hydrology</i> , 2015 , 527, 142-150	6	34
138	An Australian Multi-Regional Waste Supply-Use Framework. <i>Journal of Industrial Ecology</i> , 2016 , 20, 1295-1305	7.1	33
137	Influence of trade on national CO2 emissions. <i>International Journal of Global Energy Issues</i> , 2005 , 23, 324	0.3	33
136	Renewable Energy in the Context of Sustainable Development	707-790	32
135	Accounting for value added embodied in trade and consumption: an intercomparison of global multi-regional input-output databases. <i>Economic Systems Research</i> , 2016 , 28, 78-94	2.1	32
134	A new sub-national multi-region input-output database for Indonesia. <i>Economic Systems Research</i> , 2017 , 29, 234-251	2.1	30
133	Aggregation (in-)variance of shared responsibility: A case study of Australia. <i>Ecological Economics</i> , 2007 , 64, 19-24	5.6	30
132	To RAS or not to RAS? What is the difference in outcomes in multi-regional input-output models?. <i>Economic Systems Research</i> , 2016 , 28, 383-402	2.1	29

131	Global consumption and international trade in deforestation-associated commodities could influence malaria risk. <i>Nature Communications</i> , 2020 , 11, 1258	17.4	27
130	Historical accountability and cumulative impacts: the treatment of time in corporate sustainability reporting. <i>Ecological Economics</i> , 2004 , 51, 237-250	5.6	27
129	Trade in occupational safety and health: Tracing the embodied human and economic harm in labour along the global supply chain. <i>Journal of Cleaner Production</i> , 2017 , 147, 187-196	10.3	26
128	INVESTIGATING ALTERNATIVE APPROACHES TO HARMONISE MULTI-REGIONAL INPUT-OUTPUT DATA. <i>Economic Systems Research</i> , 2014 , 26, 354-385	2.1	26
127	Happiness versus the Environment – A Case Study of Australian Lifestyles. <i>Challenges</i> , 2013 , 4, 56-74	3.4	26
126	Long-term field tests of vacuum glazing. <i>Solar Energy</i> , 1997 , 61, 11-15	6.8	26
125	Consumer and producer environmental responsibility: A reply. <i>Ecological Economics</i> , 2008 , 66, 547-550	5.6	26
124	The need to decelerate fast fashion in a hot climate - A global sustainability perspective on the garment industry. <i>Journal of Cleaner Production</i> , 2021 , 295, 126390	10.3	26
123	A practical approach for estimating weights of interacting criteria from profile sets. <i>Fuzzy Sets and Systems</i> , 2015 , 272, 70-88	3.7	24
122	Affluent countries inflict inequitable mortality and economic loss on Asia via PM emissions. <i>Environment International</i> , 2020 , 134, 105238	12.9	24
121	Sustainable island businesses: a case study of Norfolk Island. <i>Journal of Cleaner Production</i> , 2008 , 16, 2018-2035	10.3	23
120	The Sustainability Practitioner's Guide to Multi-Regional Input-Output Analysis 2013 ,		23
119	GIS-Based Probabilistic Modeling of BEV Charging Load for Australia. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 3525-3534	10.7	23
118	Economic damage and spillovers from a tropical cyclone. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 137-151	3.9	22
117	International trade linked with disease burden from airborne particulate pollution. <i>Resources, Conservation and Recycling</i> , 2018 , 129, 1-11	11.9	21
116	A disaggregated emissions inventory for Taiwan with uses in hybrid input-output life cycle analysis (IO-LCA). <i>Natural Resources Forum</i> , 2012 , 36, 123-141	2.2	21
115	The social, economic, and environmental implications of biomass ethanol production in China: A multi-regional input-output-based hybrid LCA model. <i>Journal of Cleaner Production</i> , 2020 , 249, 119326	10.3	21
114	Drivers of change in Brazil's carbon dioxide emissions. <i>Climatic Change</i> , 2013 , 121, 815-824	4.5	20

113	Aggregate Measures of Complex Economic Structure and Evolution. <i>Journal of Industrial Ecology</i> , 2009 , 13, 264-283	7.2	20
112	Electricity generation and demand flexibility in wastewater treatment plants: Benefits for 100% renewable electricity grids. <i>Applied Energy</i> , 2020 , 268, 114960	10.7	20
111	Three-scope carbon emission inventories of global cities. <i>Journal of Industrial Ecology</i> , 2021 , 25, 735-750	7.2	20
110	GIS-based modelling of electric-vehicle-grid integration in a 100% renewable electricity grid. <i>Applied Energy</i> , 2020 , 262, 114577	10.7	19
109	The Corruption Footprints of Nations. <i>Journal of Industrial Ecology</i> , 2018 , 22, 68-78	7.2	19
108	Socioeconomic Drivers of Global Blue Water Use. <i>Water Resources Research</i> , 2019 , 55, 5650-5664	5.4	18
107	Dealing with double-counting in tiered hybrid life-cycle inventories: a few comments. <i>Journal of Cleaner Production</i> , 2009 , 17, 1382-1384	10.3	18
106	An Outlook into a Possible Future of Footprint Research. <i>Journal of Industrial Ecology</i> , 2014 , 18, 4-6	7.2	17
105	A flexible multi-regional input-output database for city-level sustainability footprint analysis in Japan. <i>Resources, Conservation and Recycling</i> , 2020 , 154, 104588	11.9	17
104	Triple-bottom-line assessment of São Paulo state's sugarcane production based on a Brazilian multi-regional input-output matrix. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 666-680	16.2	16
103	Reply to Schandl et al., 2016, JCLEPRO and Hatfield-Dodds et al., 2015, Nature: How challenging is decoupling for Australia?. <i>Journal of Cleaner Production</i> , 2016 , 139, 796-798	10.3	16
102	Environmental and Social Accounting for Brazil. <i>Environmental and Resource Economics</i> , 2004 , 27, 201-226	6.4	16
101	Consuming Childhoods: An Assessment of Child Labor's Role in Indian Production and Global Consumption. <i>Journal of Industrial Ecology</i> , 2016 , 20, 611-622	7.2	16
100	Responsibility for food loss from a regional supply-chain perspective. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 373-383	11.9	15
99	Shifting air-conditioner load in residential buildings: benefits for low-carbon integrated power grids. <i>IET Renewable Power Generation</i> , 2018 , 12, 1314-1323	2.9	15
98	Direct versus Embodied Energy – The Need for Urban Lifestyle Transitions 2008 , 91-120		15
97	The Australian industrial ecology virtual laboratory and multi-scale assessment of buildings and construction. <i>Energy and Buildings</i> , 2018 , 164, 14-20	7	14
96	A flexible adaptation of the WIOD database in a virtual laboratory. <i>Economic Systems Research</i> , 2017 , 29, 187-208	2.1	14

95	The national tourism carbon emission inventory: its importance, applications and allocation frameworks. <i>Journal of Sustainable Tourism</i> , 2019 , 27, 360-379	5.7	13
94	Thailand's energy-related carbon dioxide emissions from production-based and consumption-based perspectives. <i>Energy Policy</i> , 2019 , 133, 110877	7.2	13
93	The roles of biomass and CSP in a 100 % renewable electricity supply in Australia. <i>Biomass and Bioenergy</i> , 2020 , 143, 105802	5.3	13
92	Reducing the ecological footprint of urban cars. <i>International Journal of Sustainable Transportation</i> , 2018 , 12, 117-127	3.6	12
91	A CYCLING METHOD FOR CONSTRUCTING INPUT-OUTPUT TABLE TIME SERIES FROM INCOMPLETE DATA. <i>Economic Systems Research</i> , 2012 , 24, 413-432	2.1	12
90	Using virtual laboratories for disaster analysis – a case study of Taiwan. <i>Economic Systems Research</i> , 2020 , 32, 58-83	2.1	12
89	Hidden Energy Flow indicator to reflect the outsourced energy requirements of countries. <i>Journal of Cleaner Production</i> , 2021 , 278, 123827	10.3	12
88	A NON-SIGN-PRESERVING RAS VARIANT. <i>Economic Systems Research</i> , 2014 , 26, 197-208	2.1	11
87	Modelling Interactions Between Economic Activity, Greenhouse Gas Emissions, Biodiversity and Agricultural Production. <i>Environmental Modeling and Assessment</i> , 2013 , 18, 377-416	2	11
86	A Personal Approach to Teaching about Climate Change. <i>Australian Journal of Environmental Education</i> , 2002 , 18, 35-45	0.6	11
85	Optimizing 100%-renewable grids through shifting residential water-heater load. <i>International Journal of Energy Research</i> , 2019 , 43, 1479-1493	4.5	11
84	Structural Change and the Environment. <i>Journal of Industrial Ecology</i> , 2012 , 16, 623-635	7.2	10
83	Lifestyles and Well-Being Versus the Environment. <i>Journal of Industrial Ecology</i> , 2011 , 15, 650-652	7.2	10
82	INPUT-OUTPUT ANALYSIS FOR BUSINESS PLANNING: A CASE STUDY OF THE UNIVERSITY OF SYDNEY. <i>Economic Systems Research</i> , 2010 , 22, 155-179	2.1	10
81	Estimating Generalized Regional Input-Output Systems: A Case Study of Australia		10
80	How long can global ecological overshoot last?. <i>Global and Planetary Change</i> , 2017 , 155, 13-19	4.2	9
79	CO2 emissions embodied in China's export. <i>Journal of International Trade and Economic Development</i> , 2019 , 28, 919-934	2.1	9
78	Energy descent as a post-carbon transition scenario: How 'knowledge humility' reshapes energy futures for post-normal times. <i>Futures</i> , 2020 , 122, 102565	3.6	9

77	Performance of concentrating solar power plants in a whole-of-grid context. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 114, 109342	16.2	9
76	Consequences of long-term infrastructure decisions: the case of self-healing roads and their CO ₂ emissions. <i>Environmental Research Letters</i> , 2019 , 14, 114040	6.2	9
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