

Mark A J Huijbregts

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.

310
papers

14,830
citations

58
h-index

108
g-index

331
ext. papers

17,676
ext. citations

7.4
avg, IF

6.81
L-index

#	Paper	IF	Citations
310	USEtox: the UNEP-SETAC toxicity model: recommended characterisation factors for human toxicity and freshwater ecotoxicity in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2008 , 13, 532-546	4.6	982
309	ReCiPe2016: a harmonised life cycle impact assessment method at midpoint and endpoint level. <i>International Journal of Life Cycle Assessment</i> , 2017 , 22, 138-147	4.6	939
308	Identifying best existing practice for characterization modeling in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 683-697	4.6	429
307	Normalisation in product life cycle assessment: an LCA of the global and European economic systems in the year 2000. <i>Science of the Total Environment</i> , 2008 , 390, 227-40	10.2	337
306	Application of uncertainty and variability in LCA. <i>International Journal of Life Cycle Assessment</i> , 1998 , 3, 273	4.6	325
305	Is cumulative fossil energy demand a useful indicator for the environmental performance of products?. <i>Environmental Science & Technology</i> , 2006 , 40, 641-8	10.3	300
304	Cumulative energy demand as predictor for the environmental burden of commodity production. <i>Environmental Science & Technology</i> , 2010 , 44, 2189-96	10.3	268
303	Evaluating uncertainty in environmental life-cycle assessment. A case study comparing two insulation options for a Dutch one-family dwelling. <i>Environmental Science & Technology</i> , 2003 , 37, 2600-8	10.3	245
302	Cumulative exergy extraction from the natural environment (CEENE): a comprehensive life cycle impact assessment method for resource accounting. <i>Environmental Science & Technology</i> , 2007 , 41, 8477-83	10.3	244
301	Building a model based on scientific consensus for Life Cycle Impact Assessment of chemicals: the search for harmony and parsimony. <i>Environmental Science & Technology</i> , 2008 , 42, 7032-7	10.3	240
300	The impact of hunting on tropical mammal and bird populations. <i>Science</i> , 2017 , 356, 180-183	33.3	229
299	Palm oil and the emission of carbon-based greenhouse gases. <i>Journal of Cleaner Production</i> , 2008 , 16, 477-482	10.3	208
298	Priority assessment of toxic substances in life cycle assessment. Part I: calculation of toxicity potentials for 181 substances with the nested multi-media fate, exposure and effects model USES-LCA. <i>Chemosphere</i> , 2000 , 41, 541-73	8.4	203
297	Applying cumulative exergy demand (CExD) indicators to the ecoinvent database. <i>International Journal of Life Cycle Assessment</i> , 2007 , 12, 181-190	4.6	193
296	European characterization factors for human health damage of PM10 and ozone in life cycle impact assessment. <i>Atmospheric Environment</i> , 2008 , 42, 441-453	5.3	189
295	Framework for modelling data uncertainty in life cycle inventories. <i>International Journal of Life Cycle Assessment</i> , 2001 , 6, 127	4.6	186
294	Global patterns of current and future road infrastructure. <i>Environmental Research Letters</i> , 2018 , 13, 064006	10.6	157

293	Ecological footprint accounting in the life cycle assessment of products. <i>Ecological Economics</i> , 2008 , 64, 798-807	5.6	150
292	Human-toxicological effect and damage factors of carcinogenic and noncarcinogenic chemicals for life cycle impact assessment. <i>Integrated Environmental Assessment and Management</i> , 2005 , 1, 181-244	2.5	149
291	Toward meaningful end points of biodiversity in life cycle assessment. <i>Environmental Science & Technology</i> , 2011 , 45, 70-9	10.3	148
290	USEtox human exposure and toxicity factors for comparative assessment of toxic emissions in life cycle analysis: sensitivity to key chemical properties. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 710-727	4.6	145
289	Social Indicators for Sustainable Project and Technology Life Cycle Management in the Process Industry (13 pp + 4). <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 3-15	4.6	145
288	USEtox fate and ecotoxicity factors for comparative assessment of toxic emissions in life cycle analysis: sensitivity to key chemical properties. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 701-709	4.6	139
287	Ranking potential impacts of priority and emerging pollutants in urban wastewater through life cycle impact assessment. <i>Chemosphere</i> , 2008 , 74, 37-44	8.4	138
286	Characterization factors for global warming in life cycle assessment based on damages to humans and ecosystems. <i>Environmental Science & Technology</i> , 2009 , 43, 1689-95	10.3	135
285	Increasing impacts of land use on biodiversity and carbon sequestration driven by population and economic growth. <i>Nature Ecology and Evolution</i> , 2019 , 3, 628-637	12.3	132
284	Reviewing the carbon footprint analysis of hotels: Life Cycle Energy Analysis (LCEA) as a holistic method for carbon impact appraisal of tourist accommodation. <i>Journal of Cleaner Production</i> , 2011 , 19, 1917-1930	10.3	123
283	Determinants of corporate environmental reporting: the importance of environmental performance and assurance. <i>Journal of Cleaner Production</i> , 2016 , 129, 724-734	10.3	120
282	Wind power electricity: the bigger the turbine, the greener the electricity?. <i>Environmental Science & Technology</i> , 2012 , 46, 4725-33	10.3	119
281	Integrating human indoor air pollutant exposure within Life Cycle Impact Assessment. <i>Environmental Science & Technology</i> , 2009 , 43, 1670-9	10.3	107
280	Biogenic greenhouse gas emissions linked to the life cycles of biodiesel derived from European rapeseed and Brazilian soybeans. <i>Journal of Cleaner Production</i> , 2008 , 16, 1943-1948	10.3	95
279	Exergy-based accounting for land as a natural resource in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 939-947	4.6	92
278	Characterization factors for water consumption and greenhouse gas emissions based on freshwater fish species extinction. <i>Environmental Science & Technology</i> , 2011 , 45, 5272-8	10.3	85
277	Normalisation figures for environmental life-cycle assessment. <i>Journal of Cleaner Production</i> , 2003 , 11, 737-748	10.3	85
276	Impacts of current and future large dams on the geographic range connectivity of freshwater fish worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3648-3655	11.5	85

275	Part II: Dealing with parameter uncertainty and uncertainty due to choices in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 1998 , 3, 343-351	4.6	83
274	Quantifying Biodiversity Losses Due to Human Consumption: A Global-Scale Footprint Analysis. <i>Environmental Science & Technology</i> , 2017 , 51, 3298-3306	10.3	82
273	Spatially explicit fate factors of phosphorous emissions to freshwater at the global scale. <i>International Journal of Life Cycle Assessment</i> , 2012 , 17, 646-654	4.6	82
272	Intact but empty forests? Patterns of hunting-induced mammal defaunation in the tropics. <i>PLoS Biology</i> , 2019 , 17, e3000247	9.7	81
271	Characterization factors for thermal pollution in freshwater aquatic environments. <i>Environmental Science & Technology</i> , 2010 , 44, 9364-9	10.3	78
270	The Bad Labor Footprint: Quantifying the Social Impacts of Globalization. <i>Sustainability</i> , 2014 , 6, 7514-7540	5.4	75
269	Applying cumulative exergy demand (CExD) indicators to the ecoinvent database 2007 , 12, 181		73
268	Species sensitivity distributions for suspended clays, sediment burial, and grain size change in the marine environment. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 1006-12	3.8	69
267	Spatially Explicit Characterization of Acidifying and Eutrophying Air Pollution in Life-Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2000 , 4, 75-92	7.2	68
266	Net emission reductions from electric cars and heat pumps in 59 world regions over time. <i>Nature Sustainability</i> , 2020 , 3, 437-447	22.1	67
265	Critical body residues linked to octanol-water partitioning, organism composition, and LC50 QSARs: meta-analysis and model. <i>Environmental Science & Technology</i> , 2005 , 39, 3226-36	10.3	66
264	On the usefulness of life cycle assessment in early chemical methodology development: the case of organophosphorus-catalyzed Appel and Wittig reactions. <i>Green Chemistry</i> , 2013 , 15, 1255	10	65
263	New method for calculating comparative toxicity potential of cationic metals in freshwater: application to copper, nickel, and zinc. <i>Environmental Science & Technology</i> , 2010 , 44, 5195-201	10.3	65
262	How Many Environmental Impact Indicators Are Needed in the Evaluation of Product Life Cycles?. <i>Environmental Science & Technology</i> , 2016 , 50, 3913-9	10.3	64
261	Metal bioaccumulation in aquatic species: quantification of uptake and elimination rate constants using physicochemical properties of metals and physiological characteristics of species. <i>Environmental Science & Technology</i> , 2008 , 42, 852-8	10.3	62
260	Life-cycle assessment of photovoltaic modules: Comparison of mc-Si, InGaP and InGaP/mc-Si solar modules. <i>Progress in Photovoltaics: Research and Applications</i> , 2003 , 11, 275-287	6.8	62
259	Solar energy demand (SED) of commodity life cycles. <i>Environmental Science & Technology</i> , 2011 , 45, 5426-33	10.3	61
258	Time horizon dependent characterization factors for acidification in life-cycle assessment based on forest plant species occurrence in Europe. <i>Environmental Science & Technology</i> , 2007 , 41, 922-7	10.3	61

257	Regionalized life cycle impact assessment of air pollution on the global scale: Damage to human health and vegetation. <i>Atmospheric Environment</i> , 2016 , 134, 129-137	5.3	61
256	Towards a meaningful assessment of marine ecological impacts in life cycle assessment (LCA). <i>Environment International</i> , 2016 , 89-90, 48-61	12.9	60
255	Assessing the suitability of diversity metrics to detect biodiversity change. <i>Biological Conservation</i> , 2017 , 213, 341-350	6.2	60
254	Valuing the human health damage caused by the fraud of Volkswagen. <i>Environmental Pollution</i> , 2016 , 212, 121-127	9.3	58
253	Assessing the importance of spatial variability versus model choices in Life Cycle Impact Assessment: the case of freshwater eutrophication in Europe. <i>Environmental Science & Technology</i> , 2013 , 47, 13565-70	10.3	58
252	Do we need a paradigm shift in life cycle impact assessment?. <i>Environmental Science & Technology</i> , 2011 , 45, 3833-4	10.3	58
251	Human population intake fractions and environmental fate factors of toxic pollutants in life cycle impact assessment. <i>Chemosphere</i> , 2005 , 61, 1495-504	8.4	57
250	The Challenges of Applying Planetary Boundaries as a Basis for Strategic Decision-Making in Companies with Global Supply Chains. <i>Sustainability</i> , 2017 , 9, 279	3.6	55
249	Human intake fractions of pesticides via greenhouse tomato consumption: comparing model estimates with measurements for Captan. <i>Chemosphere</i> , 2007 , 67, 1102-7	8.4	55
248	Implementing groundwater extraction in life cycle impact assessment: characterization factors based on plant species richness for The Netherlands. <i>Environmental Science & Technology</i> , 2011 , 45, 629-35	10.3	54
247	Scaling Relationships in Life Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2014 , 18, 393-406	7.2	53
246	Priority assessment of toxic substances in life cycle assessment. Part II: assessing parameter uncertainty and human variability in the calculation of toxicity potentials. <i>Chemosphere</i> , 2000 , 41, 575-88	8.4	53
245	The climate change mitigation potential of bioenergy with carbon capture and storage. <i>Nature Climate Change</i> , 2020 , 10, 1023-1029	21.4	53
244	Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. <i>Global Change Biology</i> , 2016 , 22, 3948-3959	11.4	53
243	Bridging the gap between impact assessment methods and climate science. <i>Environmental Science and Policy</i> , 2016 , 64, 129-140	6.2	52
242	Accumulation of perfluorooctane sulfonate (PFOS) in the food chain of the Western Scheldt estuary: Comparing field measurements with kinetic modeling. <i>Chemosphere</i> , 2008 , 70, 1766-73	8.4	52
241	PestScreen: a screening approach for scoring and ranking pesticides by their environmental and toxicological concern. <i>Environment International</i> , 2007 , 33, 886-93	12.9	52
240	Helias A. Udo De Haes: A Practical Scientist. <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 3-3	4.6	52

239	Redefinition and Elaboration of River Ecosystem Health: Perspective for River Management. <i>Hydrobiologia</i> , 2006 , 565, 289-308	2.4	52
238	Sensitivity of polar and temperate marine organisms to oil components. <i>Environmental Science & Technology</i> , 2011 , 45, 9017-23	10.3	50
237	Life cycle greenhouse gas emissions, fossil fuel demand and solar energy conversion efficiency in European bioethanol production for automotive purposes. <i>Journal of Cleaner Production</i> , 2007 , 15, 1806-1812	10.3	50
236	Characterization factors for terrestrial acidification at the global scale: a systematic analysis of spatial variability and uncertainty. <i>Science of the Total Environment</i> , 2014 , 500-501, 270-6	10.2	49
235	Sensitivity of native and non-native mollusc species to changing river water temperature and salinity. <i>Biological Invasions</i> , 2012 , 14, 1187-1199	2.7	49
234	Global assessment of the effects of terrestrial acidification on plant species richness. <i>Environmental Pollution</i> , 2013 , 174, 10-5	9.3	49
233	Environmental and morphological factors influencing predatory behaviour by invasive non-indigenous gammaridean species. <i>Biological Invasions</i> , 2009 , 11, 2043-2054	2.7	49
232	Uncertainties in the application of the species area relationship for characterisation factors of land occupation in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2010 , 15, 682-691	4.6	46
231	Harmonizing the assessment of biodiversity effects from land and water use within LCA. <i>Environmental Science & Technology</i> , 2015 , 49, 3584-92	10.3	45
230	Removing nitrogen from wastewater with side stream anammox: What are the trade-offs between environmental impacts?. <i>Resources, Conservation and Recycling</i> , 2016 , 107, 212-219	11.9	45
229	Powering sustainable development within planetary boundaries. <i>Energy and Environmental Science</i> , 2019 , 12, 1890-1900	35.4	44
228	An Identification Key for Selecting Methods for Sustainability Assessments. <i>Sustainability</i> , 2015 , 7, 2490-2512	3.5	43
227	Power-law relationships for estimating mass, fuel consumption and costs of energy conversion equipments. <i>Environmental Science & Technology</i> , 2011 , 45, 751-4	10.3	43
226	The clearwater consensus: the estimation of metal hazard in fresh water. <i>International Journal of Life Cycle Assessment</i> , 2010 , 15, 143-147	4.6	43
225	Implications of considering metal bioavailability in estimates of freshwater ecotoxicity: examination of two case studies. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 774	4.6	42
224	Projecting terrestrial biodiversity intactness with GLOBIO 4. <i>Global Change Biology</i> , 2020 , 26, 760-771	11.4	42
223	Comparison of toxicological impacts of integrated and chemical pest management in Mediterranean greenhouses. <i>Chemosphere</i> , 2004 , 54, 1225-35	8.4	41
222	Calculating life-cycle assessment effect factors from potentially affected fraction-based ecotoxicological response functions. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1573-8	3.8	41

221	Spatially-differentiated atmospheric source-receptor relationships for nitrogen oxides, sulfur oxides and ammonia emissions at the global scale for life cycle impact assessment. <i>Atmospheric Environment</i> , 2012 , 62, 74-81	5.3	40
220	Ore grade decrease as life cycle impact indicator for metal scarcity: the case of copper. <i>Environmental Science & Technology</i> , 2012 , 46, 12772-8	10.3	40
219	Value Choices in Life Cycle Impact Assessment of Stressors Causing Human Health Damage. <i>Journal of Industrial Ecology</i> , 2011 , 15, 796-815	7.2	40
218	Addressing geographic variability in the comparative toxicity potential of copper and nickel in soils. <i>Environmental Science & Technology</i> , 2013 , 47, 3241-50	10.3	39
217	Metal accumulation in the earthworm <i>Lumbricus rubellus</i> . Model predictions compared to field data. <i>Environmental Pollution</i> , 2007 , 146, 428-36	9.3	39
216	Greenhouse-gas payback times for crop-based biofuels. <i>Nature Climate Change</i> , 2015 , 5, 604-610	21.4	38
215	A methodology for separating uncertainty and variability in the life cycle greenhouse gas emissions of coal-fueled power generation in the USA. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 1146-1155	4.6	38
214	Uncertainty in msPAF-based ecotoxicological effect factors for freshwater ecosystems in life cycle impact assessment. <i>Integrated Environmental Assessment and Management</i> , 2007 , 3, 203-10	2.5	38
213	Life cycle carbon efficiency of Direct Air Capture systems with strong hydroxide sorbents. <i>International Journal of Greenhouse Gas Control</i> , 2019 , 80, 25-31	4.2	38
212	On the importance of trait interrelationships for understanding environmental responses of stream macroinvertebrates. <i>Freshwater Biology</i> , 2016 , 61, 181-194	3.1	37
211	Global drivers of population density in terrestrial vertebrates. <i>Global Ecology and Biogeography</i> , 2018 , 27, 968-979	6.1	37
210	The Blue Water Footprint of Primary Copper Production in Northern Chile. <i>Journal of Industrial Ecology</i> , 2014 , 18, 49-58	7.2	37
209	Spatially explicit prioritization of human antibiotics and antineoplastics in Europe. <i>Environment International</i> , 2013 , 51, 13-26	12.9	37
208	Differences in sensitivity of native and exotic fish species to changes in river temperature. <i>Environmental Epigenetics</i> , 2011 , 57, 852-862	2.4	37
207	Characterization factors for inland water eutrophication at the damage level in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 59-64	4.6	37
206	Environmental impact of thin-film GaInP/GaAs and multicrystalline silicon solar modules produced with solar electricity. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 225-235	4.6	37
205	Estimating the impact of high-production-volume chemicals on remote ecosystems by toxic pressure calculation. <i>Environmental Science & Technology</i> , 2006 , 40, 1573-80	10.3	37
204	Priority assessment of toxic substances in life cycle assessment. III: Export of potential impact over time and space. <i>Chemosphere</i> , 2001 , 44, 59-65	8.4	37

203	Surplus Cost Potential as a Life Cycle Impact Indicator for Metal Extraction. <i>Resources</i> , 2016 , 5, 2	3.7	37
202	Resource Footprints are Good Proxies of Environmental Damage. <i>Environmental Science & Technology</i> , 2017 , 51, 6360-6366	10.3	36
201	Species richness-phosphorus relationships for lakes and streams worldwide. <i>Global Ecology and Biogeography</i> , 2013 , 22, 1304-1314	6.1	36
200	Combined ecological risks of nitrogen and phosphorus in European freshwaters. <i>Environmental Pollution</i> , 2015 , 200, 85-92	9.3	36
199	Transformation products in the life cycle impact assessment of chemicals. <i>Environmental Science & Technology</i> , 2010 , 44, 1004-9	10.3	36
198	Introducing Life Cycle Impact Assessment. <i>LCA Compendium</i> , 2015 , 1-16		35
197	Australian characterisation factors and normalisation figures for human toxicity and ecotoxicity. <i>Journal of Cleaner Production</i> , 2007 , 15, 819-832	10.3	35
196	Including sorption to black carbon in modeling bioaccumulation of polycyclic aromatic hydrocarbons: uncertainty analysis and comparison to field data. <i>Environmental Science & Technology</i> , 2007 , 41, 2738-44	10.3	34
195	Comparing the effectiveness of interventions to improve ventilation behavior in primary schools. <i>Indoor Air</i> , 2008 , 18, 416-24	5.4	34
194	Spatial variability and uncertainty in ecological risk assessment: a case study on the potential risk of cadmium for the little owl in a Dutch river flood plain. <i>Environmental Science & Technology</i> , 2005 , 39, 2177-87	10.3	34
193	Comparing responses of freshwater fish and invertebrate community integrity along multiple environmental gradients. <i>Ecological Indicators</i> , 2014 , 43, 215-226	5.8	33
192	Calcifying species sensitivity distributions for ocean acidification. <i>Environmental Science & Technology</i> , 2015 , 49, 1495-500	10.3	33
191	Empirical evaluation of spatial and non-spatial European-scale multimedia fate models: results and implications for chemical risk assessment. <i>Journal of Environmental Monitoring</i> , 2007 , 9, 572-81		32
190	Global spatially explicit CO2 emission metrics for forest bioenergy. <i>Scientific Reports</i> , 2016 , 6, 20186	4.9	32
189	Beyond safe operating space: finding chemical footprinting feasible. <i>Environmental Science & Technology</i> , 2014 , 48, 6057-9	10.3	31
188	Impacts of river water consumption on aquatic biodiversity in life cycle assessment--a proposed method, and a case study for Europe. <i>Environmental Science & Technology</i> , 2014 , 48, 3236-44	10.3	31
187	Choices in calculating life cycle emissions of carbon containing gases associated with forest derived biofuels. <i>Journal of Cleaner Production</i> , 2003 , 11, 527-532	10.3	31
186	Accumulation of organochlorines and brominated flame retardants in estuarine and marine food chains: field measurements and model calculations. <i>Marine Pollution Bulletin</i> , 2005 , 50, 1085-102	6.7	31

185	Quantifying the trade-off between parameter and model structure uncertainty in life cycle impact assessment. <i>Environmental Science & Technology</i> , 2013 , 47, 9274-80	10.3	30
184	Variability in the carbon footprint of open-field tomato production in Iran - A case study of Alborz and East-Azerbaijan provinces. <i>Journal of Cleaner Production</i> , 2017 , 142, 1510-1517	10.3	30
183	Field sensitivity distribution of macroinvertebrates for phosphorus in inland waters. <i>Integrated Environmental Assessment and Management</i> , 2011 , 7, 280-6	2.5	30
182	Life cycle assessment of thin-film GaAs and GaInP/GaAs solar modules. <i>Progress in Photovoltaics: Research and Applications</i> , 2007 , 15, 163-179	6.8	30
181	A comparison between the multimedia fate and exposure models CalTOX and uniform system for evaluation of substances adapted for life-cycle assessment based on the population intake fraction of toxic pollutants. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 486-93	3.8	30
180	Threats of global warming to the world's freshwater fishes. <i>Nature Communications</i> , 2021 , 12, 1701	17.4	30
179	Environmental life cycle assessment of roof-integrated flexible amorphous silicon/nanocrystalline silicon solar cell laminate. <i>Progress in Photovoltaics: Research and Applications</i> , 2013 , 21, 802-815	6.8	29
178	Integration of biotic ligand models (BLM) and bioaccumulation kinetics into a mechanistic framework for metal uptake in aquatic organisms. <i>Environmental Science & Technology</i> , 2010 , 44, 5022-8	10.3	29
177	Organotin accumulation in an estuarine food chain: comparing field measurements with model estimations. <i>Marine Environmental Research</i> , 2006 , 61, 511-30	3.3	29
176	Life Cycle Impact assessment of pollutants causing aquatic eutrophication. <i>International Journal of Life Cycle Assessment</i> , 2001 , 6, 339	4.6	29
175	Understanding farm-level differences in environmental impact and eco-efficiency: The case of rice production in Iran. <i>Sustainable Production and Consumption</i> , 2021 , 27, 1021-1029	8.2	29
174	Confronting environmental pressure, environmental quality and human health impact indicators of priority air emissions. <i>Atmospheric Environment</i> , 2009 , 43, 1613-1621	5.3	28
173	Pesticide ecotoxicological effect factors and their uncertainties for freshwater ecosystems. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 43-51	4.6	28
172	Time and concentration dependency in the potentially affected fraction of species: the case of hydrogen peroxide treatment of ballast water. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 746-53 ^{3.8}	3.8	28
171	Global-scale remote sensing of mine areas and analysis of factors explaining their extent. <i>Global Environmental Change</i> , 2020 , 60, 102007	10.1	28
170	Applying habitat and population-density models to land-cover time series to inform IUCN Red List assessments. <i>Conservation Biology</i> , 2019 , 33, 1084-1093	6	28
169	Including impacts of particulate emissions on marine ecosystems in life cycle assessment: the case of offshore oil and gas production. <i>Integrated Environmental Assessment and Management</i> , 2011 , 7, 678-86	3.5	27
168	Substance or space? The relative importance of substance properties and environmental characteristics in modeling the fate of chemicals in Europe. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 44-51	3.8	27

167	Human Health Damages due to Indoor Sources of Organic Compounds and Radioactivity in Life Cycle Impact Assessment of Dwellings - Part 1: Characterisation Factors (8 pp). <i>International Journal of Life Cycle Assessment</i> , 2005 , 10, 309-316	4.6	27
166	Surplus Ore Potential as a Scarcity Indicator for Resource Extraction. <i>Journal of Industrial Ecology</i> , 2017 , 21, 381-390	7.2	26
165	The influence of value choices in life cycle impact assessment of stressors causing human health damage. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 698-706	4.6	26
164	Implications of geographic variability on Comparative Toxicity Potentials of Cu, Ni and Zn in freshwaters of Canadian ecoregions. <i>Chemosphere</i> , 2011 , 82, 268-77	8.4	26
163	How to define the quality of materials in a circular economy?. <i>Resources, Conservation and Recycling</i> , 2019 , 141, 362-363	11.9	26
162	Greenhouse gas footprints of palm oil production in Indonesia over space and time. <i>Science of the Total Environment</i> , 2019 , 688, 827-837	10.2	25
161	A spatially explicit data-driven approach to assess the effect of agricultural land occupation on species groups. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 758-769	4.6	25
160	Plant species sensitivity distributions for ozone exposure. <i>Environmental Pollution</i> , 2013 , 178, 1-6	9.3	25
159	Comparing the ecological footprint with the biodiversity footprint of products. <i>Journal of Cleaner Production</i> , 2012 , 37, 107-114	10.3	25
158	Uncertainty and variability in environmental life-cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2002 , 7, 173-173	4.6	25
157	What are sources of carbon lock-in in energy-intensive industry? A case study into Dutch chemicals production. <i>Energy Research and Social Science</i> , 2020 , 60, 101320	7.7	25
156	How to quantify biodiversity footprints of consumption? A review of multi-regional input-output analysis and life cycle assessment. <i>Current Opinion in Environmental Sustainability</i> , 2017 , 29, 75-81	7.2	24
155	Do interspecies correlation estimations increase the reliability of toxicity estimates for wildlife?. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 80, 238-43	7	24
154	A bright future for addressing chemical emissions in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 697	4.6	24
153	Spatial- and time-explicit human damage modeling of ozone depleting substances in life cycle impact assessment. <i>Environmental Science & Technology</i> , 2010 , 44, 204-9	10.3	24
152	Model and input uncertainty in multi-media fate modeling: benzo[a]pyrene concentrations in Europe. <i>Chemosphere</i> , 2008 , 72, 959-67	8.4	24
151	Modeling the environmental fate of perfluorooctanoate and its precursors from global fluorotelomer acrylate polymer use. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 2216-23	3.8	24
150	Aquatic risks from human pharmaceuticals—modelling temporal trends of carbamazepine and ciprofloxacin at the global scale. <i>Environmental Research Letters</i> , 2019 , 14, 034003	6.2	23

149	Length-mass allometries in amphibians. <i>Integrative Zoology</i> , 2018 , 13, 36-45	1.9	23
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