Mark A J Huijbregts

List of Publications by Year
in descending order

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320 papers	20,940 citations	15001 68 h-index	16186 128 g-index
331 all docs	331 docs citations	331 times ranked	19027 citing authors

#	Article	IF	Citations
1	Traitâ€based projections of climate change effects on global biome distributions. Diversity and Distributions, 2022, 28, 25-37.	1.9	16
2	Global implications of cropâ€based bioenergy with carbon capture and storage for terrestrial vertebrate biodiversity. GCB Bioenergy, 2022, 14, 307-321.	2.5	18
3	Discovering Ecological Relationships in Flowing Freshwater Ecosystems. Frontiers in Ecology and Evolution, 2022, 9, .	1.1	2
4	Industrial clustering as a barrier and an enabler for deep emission reduction: a case study of a Dutch chemical cluster. Climate Policy, 2022, 22, 320-338.	2.6	6
5	Changes in plant species richness due to land use and nitrogen deposition across the globe. Diversity and Distributions, 2022, 28, 745-755.	1.9	7
6	Limits to Paris compatibility of CO2 capture and utilization. One Earth, 2022, 5, 168-185.	3.6	86
7	Population density estimates for terrestrial mammal species. Global Ecology and Biogeography, 2022, 31, 978-994.	2.7	23
8	Evaluating expertâ€based habitat suitability information of terrestrial mammals with ‹scp›GPSâ€‹/scp›tracking data. Global Ecology and Biogeography, 2022, 31, 1526-1541.	2.7	6
9	Human and planetary health implications of negative emissions technologies. Nature Communications, 2022, 13, 2535.	5.8	12
10	FutureStreams, a global dataset of future streamflow and water temperature. Scientific Data, 2022, 9, .	2.4	14
11	Subnational greenhouse gas and landâ€based biodiversity footprints in the European Union. Journal of Industrial Ecology, 2021, 25, 79-94.	2.8	21
12	Estimating greenhouse gas emissions from direct land use change due to crop production in multiple countries. Science of the Total Environment, 2021, 755, 143338.	3.9	12
13	Large carnivore expansion in Europe is associated with human population density and land cover changes. Diversity and Distributions, 2021, 27, 602-617.	1.9	78
14	Assessing the reliability of species distribution projections in climate change research. Diversity and Distributions, 2021, 27, 1035-1050.	1.9	110
15	Humanâ€induced reduction in mammalian movements impacts seed dispersal in the tropics. Ecography, 2021, 44, 897-906.	2.1	18
16	Threats of global warming to the worldâ€™s freshwater fishes. Nature Communications, 2021, 12, 1701.	5.8	157
17	The island rule explains consistent patterns of body size evolution in terrestrial vertebrates. Nature Ecology and Evolution, 2021, 5, 768-786.	3.4	72
18	Plant functional and taxonomic diversity in European grasslands along climatic gradients. Journal of Vegetation Science, 2021, 32, e13027.	1.1	15

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19	Conditional love? Coâ€occurrence patterns of droughtâ€sensitive species in European grasslands are consistent with the stressâ€gradient hypothesis. Global Ecology and Biogeography, 2021, 30, 1609-1620.	2.7	6
20	FTT:Heat â€" A simulation model for technological change in the European residential heating sector. Energy Policy, 2021, 153, 112249.	4.2	15
21	Understanding farm-level differences in environmental impact and eco-efficiency: The case of rice production in Iran. Sustainable Production and Consumption, 2021, 27, 1021-1029.	5.7	76
22	Identifying regional drivers of future land-based biodiversity footprints. Global Environmental Change, 2021, 69, 102304.	3.6	10
23	Mammal assemblage composition predicts global patterns in emerging infectious disease risk. Global Change Biology, 2021, 27, 4995-5007.	4.2	5
24	MadingleyR: An R package for mechanistic ecosystem modelling. Global Ecology and Biogeography, 2021, 30, 1922-1933.	2.7	3
25	Greenhouse gas footprints of utility-scale photovoltaic facilities at the global scale. Environmental Research Letters, 2021, 16, 094056.	2.2	8
26	Drivers of variability in greenhouse gas footprints of crop production. Journal of Cleaner Production, 2021, 315, 128121.	4.6	11
27	The role of hydrogen in heavy transport to operate within planetary boundaries. Sustainable Energy and Fuels, 2021, 5, 4637-4649.	2.5	18
28	Habitat fragmentation amplifies threats from habitat loss to mammal diversity across the worldâ€™s terrestrial ecoregions. One Earth, 2021, 4, 1505-1513.	3.6	24
29	The importance of biogenic carbon storage in the greenhouse gas footprint of medium density fiberboard from poplar wood and bagasse. Cleaner Environmental Systems, 2021, 3, 100066.	2.2	3
30	What are sources of carbon lock-in in energy-intensive industry? A case study into Dutch chemicals production. Energy Research and Social Science, 2020, 60, 101320.	3.0	69
31	Biomass residues as twenty-first century bioenergy feedstockâ€"a comparison of eight integrated assessment models. Climatic Change, 2020, 163, 1569-1586.	1.7	38
32	Evaluating the ecological realism of plant species distribution models with ecological indicator values. Ecography, 2020, 43, 161-170.	2.1	17
33	Projecting terrestrial biodiversity intactness with GLOBIO 4. Global Change Biology, 2020, 26, 760-771.	4.2	94
34	Predicting reintroduction costs for wildlife populations under anthropogenic stress. Journal of Applied Ecology, 2020, 57, 192-201.	1.9	5
35	A regression-based model to predict chemical migration from packaging to food. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 469-477.	1.8	5
36	Combined effects of land use and hunting on distributions of tropical mammals. Conservation Biology, 2020, 34, 1271-1280.	2.4	43

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37	Reply to the â€˜Comment on â€œPowering sustainable development within planetary boundariesâ€â€™ by Y. Yang, Energy Environ. Sci., 2020, 13, DOI: 10.1039/C9EE01176E. Energy and Environmental Science, 2020, 13, 313-316.	15.6	4
38	Reliable and representative in silico predictions of freshwater ecotoxicological hazardous concentrations. Environment International, 2020, 134, 105334.	4.8	14
39	Global-scale remote sensing of mine areas and analysis of factors explaining their extent. Global Environmental Change, 2020, 60, 102007.	3.6	70
40	Mechanistic insights into the role of large carnivores for ecosystem structure and functioning. Ecography, 2020, 43, 1752-1763.	2.1	45
41	A systematic approach to assess the environmental impact of emerging technologies: A case study for the GHG footprint of CIGS solar photovoltaic laminate. Journal of Industrial Ecology, 2020, 24, 1234-1249.	2.8	31
42	Mean Species Abundance as a Measure of Ecotoxicological Risk. Environmental Toxicology and Chemistry, 2020, 39, 2304-2313.	2.2	7
43	On the importance of predictor choice, modelling technique, and number of pseudoâ€absences for bioclimatic envelope model performance. Ecology and Evolution, 2020, 10, 12307-12317.	0.8	22
44	The climate change mitigation potential of bioenergy with carbon capture and storage. Nature Climate Change, 2020, 10, 1023-1029.	8.1	149
45	Disentangling drivers of spatial autocorrelation in species distribution models. Ecography, 2020, 43, 1741-1751.	2.1	13
46	LCâ€IMPACT: A regionalized life cycle damage assessment method. Journal of Industrial Ecology, 2020, 24, 1201-1219.	2.8	80
47	Assessing the reliability of predicted plant trait distributions at the global scale. Global Ecology and Biogeography, 2020, 29, 1034-1051.	2.7	36
48	Comparative Greenhouse Gas Footprinting of Online versus Traditional Shopping for Fast-Moving Consumer Goods: A Stochastic Approach. Environmental Science & Technology, 2020, 54, 3499-3509.	4.6	38
49	Net emission reductions from electric cars and heat pumps in 59 world regions over time. Nature Sustainability, 2020, 3, 437-447.	11.5	189
50	Impacts of current and future large dams on the geographic range connectivity of freshwater fish worldwide. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3648-3655.	3.3	227
51	Space, Time, and Size Dependencies of Greenhouse Gas Payback Times of Wind Turbines in Northwestern Europe. Environmental Science & Technology, 2019, 53, 9289-9297.	4.6	22
52	Greenhouse gas footprints of palm oil production in Indonesia over space and time. Science of the Total Environment, 2019, 688, 827-837.	3.9	42
53	Modelling the effectiveness of climate policies: How important is loss aversion by consumers?. Renewable and Sustainable Energy Reviews, 2019, 116, 109419.	8.2	14
54	Reply to: Soils need to be considered when assessing the impacts of land-use change on carbon sequestration. Nature Ecology and Evolution, 2019, 3, 1643-1644.	3.4	0

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55	Assessing the environmental benefits of utilising residual flows. Resources, Conservation and Recycling, 2019, 150, 104433.	5.3	10
56	Powering sustainable development within planetary boundaries. Energy and Environmental Science, 2019, 12, 1890-1900.	15.6	77
57	Global relative species loss due to firstâ€generation biofuel production for the transport sector. GCB Bioenergy, 2019, 11, 763-772.	2.5	24
58	PCLake+: A process-based ecological model to assess the trophic state of stratified and non-stratified freshwater lakes worldwide. Ecological Modelling, 2019, 396, 23-32.	1.2	46
59	Intact but empty forests? Patterns of hunting-induced mammal defaunation in the tropics. PLoS Biology, 2019, 17, e3000247.	2.6	150
60	Consumption-based biodiversity footprints â€“ Do different indicators yield different results?. Ecological Indicators, 2019, 103, 461-470.	2.6	25
61	The influence of consumer behavior on energy, greenhouse gas, and water footprints of showering. Journal of Industrial Ecology, 2019, 23, 1186-1195.	2.8	13
62	Aquatic risks from human pharmaceuticalsâ€”modelling temporal trends of carbamazepine and ciprofloxacin at the global scale. Environmental Research Letters, 2019, 14, 034003.	2.2	39
63	Increasing impacts of land use on biodiversity and carbon sequestration driven by population and economic growth. Nature Ecology and Evolution, 2019, 3, 628-637.	3.4	265
64	Confronting variability with uncertainty in the ecotoxicological impact assessment of down-the-drain products. Environment International, 2019, 126, 37-45.	4.8	18
65	Life cycle greenhouse gas benefits or burdens of residual biomass from landscape management. Journal of Cleaner Production, 2019, 220, 698-706.	4.6	7
66	Comparing greenhouse gas footprints and payback times of crop-based biofuel production worldwide. Biofuels, 2019, , 1-7.	1.4	8
67	Life cycle carbon efficiency of Direct Air Capture systems with strong hydroxide sorbents. International Journal of Greenhouse Gas Control, 2019, 80, 25-31.	2.3	75
68	How to define the quality of materials in a circular economy?. Resources, Conservation and Recycling, 2019, 141, 362-363.	5.3	40
69	Applying habitat and populationâ€density models to landâ€cover time series to inform IUCN Red List assessments. Conservation Biology, 2019, 33, 1084-1093.	2.4	56
70	Relating plant height to demographic rates and extinction vulnerability. Biological Conservation, 2018, 220, 104-111.	1.9	5
71	Deriving Field-Based Ecological Risks for Bird Species. Environmental Science & Technology, 2018, 52, 3716-3726.	4.6	6
72	Headline Environmental Indicators Revisited with the Global Multiâ€Regional Inputâ€Output Database EXIOBASE. Journal of Industrial Ecology, 2018, 22, 565-573.	2.8	23

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73	Using field data to quantify chemical impacts on wildlife population viability. Ecological Applications, 2018, 28, 771-785.	1.8	8
74	Tracking current and forecasting future land-use impacts of agricultural value chains. 67th Discussion Forum on Life Cycle Assessment, 3rd of November 2017, Zurich, Switzerland. International Journal of Life Cycle Assessment, 2018, 23, 1520-1524.	2.2	3
75	Quantifying drivers of variability in life cycle greenhouse gas emissions of consumer productsâ€"a case study on laundry washing in Europe. International Journal of Life Cycle Assessment, 2018, 23, 1940-1949.	2.2	21
76	Quantifying variability in removal efficiencies of chemicals in activated sludge wastewater treatment plants â€“ a meta-analytical approach. Environmental Sciences: Processes and Impacts, 2018, 20, 171-182.	1.7	26
77	Lengthâ€"mass allometries in amphibians. Integrative Zoology, 2018, 13, 36-45.	1.3	41
78	Spatially explicit life cycle impact assessment for soil erosion from global crop production. Ecosystem Services, 2018, 30, 220-227.	2.3	25
79	Variability of Greenhouse Gas Footprints of Field Tomatoes Grown for Processing: Interyear and Intercountry Assessment. Environmental Science & Technology, 2018, 52, 135-144.	4.6	13
80	Estimation of chemical emissions from down-the-drain consumer products using consumer survey data at a country and wastewater treatment plant level. Chemosphere, 2018, 193, 32-41.	4.2	10
81	Global patterns of current and future road infrastructure. Environmental Research Letters, 2018, 13, 064006.	2.2	361
82	FLO1K, global maps of mean, maximum and minimum annual streamflow at 1 km resolution from 1960 through 2015. Scientific Data, 2018, 5, 180052.	2.4	37
83	Global drivers of population density in terrestrial vertebrates. Global Ecology and Biogeography, 2018, 27, 968-979.	2.7	80
84	Estimating the Greenhouse Gas Balance of Individual Gasâ€Fired and Oilâ€Fired Electricity Plants on a Global Scale. Journal of Industrial Ecology, 2017, 21, 127-135.	2.8	3
85	Timeâ€varying effects of aromatic oil constituents on the survival of aquatic species: Deviations between model estimates and observations. Environmental Toxicology and Chemistry, 2017, 36, 128-136.	2.2	5
86	Surplus Ore Potential as a Scarcity Indicator for Resource Extraction. Journal of Industrial Ecology, 2017, 21, 381-390.	2.8	36
87	Quantifying Biodiversity Losses Due to Human Consumption: A Global-Scale Footprint Analysis. Environmental Science & Technology, 2017, 51, 3298-3306.	4.6	134
88	Spatial and technological variability in the carbon footprint of durum wheat production in Iran. International Journal of Life Cycle Assessment, 2017, 22, 1893-1900.	2.2	14
89	The impact of hunting on tropical mammal and bird populations. Science, 2017, 356, 180-183.	6.0	393
90	Regionalised life cycle assessment of pasta production in Iran: Damage to terrestrial ecosystems. Journal of Cleaner Production, 2017, 159, 141-146.	4.6	22

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91	Developing and testing a global-scale regression model to quantify mean annual streamflow. Journal of Hydrology, 2017, 544, 479-487.	2.3	19
92	Resource Footprints are Good Proxies of Environmental Damage. Environmental Science & Technology, 2017, 51, 6360-6366.	4.6	57
93	ReCiPe2016: a harmonised life cycle impact assessment method at midpoint and endpoint level. International Journal of Life Cycle Assessment, 2017, 22, 138-147.	2.2	1,905
94	Identification and ranking of environmental threats with ecosystem vulnerability distributions. Scientific Reports, 2017, 7, 9298.	1.6	17
95	Response to Comment on â€œResource Footprints are Good Proxies of Environmental Damageâ€³. Environmental Science & Technology, 2017, 51, 13056-13057.	4.6	3
96	Setting population targets for mammals using body mass as a predictor of population persistence. Conservation Biology, 2017, 31, 385-393.	2.4	25
97	Assessing the suitability of diversity metrics to detect biodiversity change. Biological Conservation, 2017, 213, 341-350.	1.9	92
98	Variability in the carbon footprint of open-field tomato production in Iran - A case study of Alborz and East-Azerbaijan provinces. Journal of Cleaner Production, 2017, 142, 1510-1517.	4.6	36
99	How to quantify biodiversity footprints of consumption? A review of multi-regional inputâ€“output analysis and life cycle assessment. Current Opinion in Environmental Sustainability, 2017, 29, 75-81.	3.1	42
100	The Challenges of Applying Planetary Boundaries as a Basis for Strategic Decision-Making in Companies with Global Supply Chains. Sustainability, 2017, 9, 279.	1.6	78
101	Surplus Cost Potential as a Life Cycle Impact Indicator for Metal Extraction. Resources, 2016, 5, 2.	1.6	48
102	Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. Global Change Biology, 2016, 22, 3948-3959.	4.2	79
103	Global spatially explicit CO2 emission metrics for forest bioenergy. Scientific Reports, 2016, 6, 20186.	1.6	39
104	Regionalized life cycle impact assessment of air pollution on the global scale: Damage to human health and vegetation. Atmospheric Environment, 2016, 134, 129-137.	1.9	89
105	Spatial variability versus parameter uncertainty in freshwater fate and exposure factors of chemicals. Chemosphere, 2016, 149, 101-107.	4.2	8
106	The influence of uncertainty and location-specific conditions on the environmental prioritisation of human pharmaceuticals in Europe. Environment International, 2016, 91, 301-311.	4.8	12
107	Determinants of corporate environmental reporting: the importance of environmental performance and assurance. Journal of Cleaner Production, 2016, 129, 724-734.	4.6	216
108	Context-dependent environmental quality standards of soil nitrate for terrestrial plant communities. Journal of Environmental Management, 2016, 181, 681-686.	3.8	0

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109	Bridging the gap between impact assessment methods and climate science. Environmental Science and Policy, 2016, 64, 129-140.	2.4	69
110	An allometric approach to quantify the extinction vulnerability of birds and mammals. Ecology, 2016, 97, 615-626.	1.5	23
111	On the importance of trait interrelationships for understanding environmental responses of stream macroinvertebrates. Freshwater Biology, 2016, 61, 181-194.	1.2	52
112	Uncertainty and variability in human exposure limits â€“ a chemical-specific approach for ciprofloxacin and methotrexate. Critical Reviews in Toxicology, 2016, 46, 261-278.	1.9	3
113	How Many Environmental Impact Indicators Are Needed in the Evaluation of Product Life Cycles?. Environmental Science & Technology, 2016, 50, 3913-3919.	4.6	95
114	QSARs for estimating intrinsic hepatic clearance of organic chemicals in humans. Environmental Toxicology and Pharmacology, 2016, 42, 190-197.	2.0	16
115	Valuing the human health damage caused by the fraud of Volkswagen. Environmental Pollution, 2016, 212, 121-127.	3.7	78
116	Towards a meaningful assessment of marine ecological impacts in life cycle assessment (LCA). Environment International, 2016, 89-90, 48-61.	4.8	83
117	Removing nitrogen from wastewater with side stream anammox: What are the trade-offs between environmental impacts?. Resources, Conservation and Recycling, 2016, 107, 212-219.	5.3	62
118	The relation between modeled odor exposure from livestock farming and odor annoyance among neighboring residents. International Archives of Occupational and Environmental Health, 2016, 89, 521-530.	1.1	13
119	Impacts of biogenic <scp><scp>CO₂</scp></scp> emissions on human health and terrestrial ecosystems: the case of increased wood extraction for bioenergy production on a global scale. GCB Bioenergy, 2015, 7, 608-617.	2.5	10
120	An Identification Key for Selecting Methods for Sustainability Assessments. Sustainability, 2015, 7, 2490-2512.	1.6	52
121	Uncertainty and variability in human exposure limits â€“ A chemical-specific approach with ciprofloxacin and methotrexate. Toxicology Letters, 2015, 238, S98.	0.4	0
122	Calcifying Species Sensitivity Distributions for Ocean Acidification. Environmental Science & Technology, 2015, 49, 1495-1500.	4.6	41
123	Combined ecological risks of nitrogen and phosphorus in European freshwaters. Environmental Pollution, 2015, 200, 85-92.	3.7	46
124	Life cycle health impacts of polycyclic aromatic hydrocarbon for source-specific mixtures. International Journal of Life Cycle Assessment, 2015, 20, 87-99.	2.2	6
125	Introducing Life Cycle Impact Assessment. LCA Compendium, 2015, , 1-16.	0.8	57
126	Harmonizing the Assessment of Biodiversity Effects from Land and Water Use within LCA. Environmental Science & Technology, 2015, 49, 3584-3592.	4.6	51

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127	Greenhouse-gas payback times for crop-basedÂbiofuels. Nature Climate Change, 2015, 5, 604-610.	8.1	44
128	How to assess species richness along single environmental gradients? Implications of potential versus realized species distributions. Environmental Pollution, 2015, 200, 120-125.	3.7	6
129	The utilisation of structural descriptors to predict metabolic constants of xenobiotics in mammals. Environmental Toxicology and Pharmacology, 2015, 39, 247-258.	2.0	18
130	Acidification. LCA Compendium, 2015, , 163-176.	0.8	5
131	Carcinogenic Air Toxics Exposure and Their Cancer-Related Health Impacts in the United States. PLoS ONE, 2015, 10, e0140013.	1.1	27
132	The â€œBad Laborâ€•Footprint: Quantifying the Social Impacts of Globalization. Sustainability, 2014, 6, 7514-7540.	1.6	85
133	Mechanistically-based QSARs to Describe Metabolic Constants in Mammals. ATLA Alternatives To Laboratory Animals, 2014, 42, 59-69.	0.7	8
134	Toxicokinetic Toxicodynamic (TKTD) Modeling of Ag Toxicity in Freshwater Organisms: Whole-Body Sodium Loss Predicts Acute Mortality Across Aquatic Species. Environmental Science & Technology, 2014, 48, 14481-14489.	4.6	20
135	Deriving Field-Based Species Sensitivity Distributions (f-SSDs) from Stacked Species Distribution Models (S-SDMs). Environmental Science & Technology, 2014, 48, 14464-14471.	4.6	19
136	Chemical Footprints: Thin Boundaries Support Environmental Quality Management. Environmental Science & Technology, 2014, 48, 13025-13026.	4.6	7
137	Uncertainty and variability in the exposure reconstruction of chemical incidents â€“ the case of acrylonitrile. Toxicology Letters, 2014, 231, 337-343.	0.4	7
138	Assessing predictive uncertainty in comparative toxicity potentials of triazoles. Environmental Toxicology and Chemistry, 2014, 33, 293-301.	2.2	5
139	How to quantify uncertainty and variability in life cycle assessment: the case of greenhouse gas emissions of gas power generation in the US. Environmental Research Letters, 2014, 9, 074005.	2.2	23
140	Environmental impact assessment of pharmaceutical prescriptions: Does location matter?. Chemosphere, 2014, 115, 88-94.	4.2	15
141	A critical view on scientific consensus building in life cycle impact assessment. International Journal of Life Cycle Assessment, 2014, 19, 477-479.	2.2	17
142	A methodology for separating uncertainty and variability in the life cycle greenhouse gas emissions of coal-fueled power generation in the USA. International Journal of Life Cycle Assessment, 2014, 19, 1146-1155.	2.2	43
143	The Blue Water Footprint of Primary Copper Production in Northern Chile. Journal of Industrial Ecology, 2014, 18, 49-58.	2.8	49
144	Scaling Relationships in Life Cycle Assessment. Journal of Industrial Ecology, 2014, 18, 393-406.	2.8	74

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145	Unraveling the relationships between freshwater invertebrate assemblages and interacting environmental factors. Freshwater Science, 2014, 33, 1148-1158.	0.9	22
146	Including carrier-mediated transport in oral uptake prediction of nutrients and pharmaceuticals in humans. Environmental Toxicology and Pharmacology, 2014, 38, 938-947.	2.0	3
147	Characterization factors for terrestrial acidification at the global scale: A systematic analysis of spatial variability and uncertainty. Science of the Total Environment, 2014, 500-501, 270-276.	3.9	73
148	Beyond Safe Operating Space: Finding Chemical Footprinting Feasible. Environmental Science & Technology, 2014, 48, 6057-6059.	4.6	38
149	Including exposure variability in the life cycle impact assessment of indoor chemical emissions: The case of metal degreasing. Environment International, 2014, 71, 36-45.	4.8	10
150	Impacts of River Water Consumption on Aquatic Biodiversity in Life Cycle Assessmentâ€"A Proposed Method, and a Case Study for Europe. Environmental Science & Technology, 2014, 48, 3236-3244.	4.6	43
151	How To Address Data Gaps in Life Cycle Inventories: A Case Study on Estimating CO‹sub›2‹/sub› Emissions from Coal-Fired Electricity Plants on a Global Scale. Environmental Science & Technology, 2014, 48, 5282-5289.	4.6	28
152	Comparing responses of freshwater fish and invertebrate community integrity along multiple environmental gradients. Ecological Indicators, 2014, 43, 215-226.	2.6	40
153	A spatially explicit data-driven approach to assess the effect of agricultural land occupation on species groups. International Journal of Life Cycle Assessment, 2014, 19, 758-769.	2.2	26
154	Life-time achievement award in life cycle assessment for Mark Goedkoop. International Journal of Life Cycle Assessment, 2014, 19, 1169-1169.	2.2	0
155	Testing the coherence between occupational exposure limits for inhalation and their biological limit values with a generalized PBPK-model: The case of 2-propanol and acetone. Regulatory Toxicology and Pharmacology, 2014, 69, 408-415.	1.3	5
156	Elucidating differences in metal absorption efficiencies between terrestrial soft-bodied and aquatic species. Chemosphere, 2014, 112, 487-495.	4.2	15
157	Environmental life cycle assessment of roofâ€integrated flexible amorphous silicon/nanocrystalline silicon solar cell laminate. Progress in Photovoltaics: Research and Applications, 2013, 21, 802-815.	4.4	36
158	Quantifying the Trade-off between Parameter and Model Structure Uncertainty in Life Cycle Impact Assessment. Environmental Science & Technology, 2013, 47, 9274-9280.	4.6	33
159	Exergy-based accounting for land as a natural resource in life cycle assessment. International Journal of Life Cycle Assessment, 2013, 18, 939-947.	2.2	104
160	Identifying best existing practice for characterization modeling in life cycle impact assessment. International Journal of Life Cycle Assessment, 2013, 18, 683-697.	2.2	515
161	The influence of value choices in life cycle impact assessment of stressors causing human health damage. International Journal of Life Cycle Assessment, 2013, 18, 698-706.	2.2	29
162	Species richnessâ€"phosphorus relationships for lakes and streams worldwide. Global Ecology and Biogeography, 2013, 22, 1304-1314.	2.7	42

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163	Assessing the Importance of Spatial Variability versus Model Choices in Life Cycle Impact Assessment: The Case of Freshwater Eutrophication in Europe. Environmental Science & Technology, 2013, 47, 13565-13570.	4.6	67
164	Modelling interactions of toxicants and density dependence in wildlife populations. Journal of Applied Ecology, 2013, 50, 1469-1478.	1.9	15
165	Sensitivity of species to chemicals: Doseâ€“response characteristics for various test types (LC50, LR50) Tj ETQq1 1 0.784314 rgBT /O	2.9	17
166	Making fate and exposure models for freshwater ecotoxicity in life cycle assessment suitable for organic acids and bases. Chemosphere, 2013, 90, 312-317.	4.2	16
167	Plant Species Sensitivity Distributions for ozone exposure. Environmental Pollution, 2013, 178, 1-6.	3.7	29
168	Modelling bioaccumulation of oil constituents in aquatic species. Marine Pollution Bulletin, 2013, 76, 178-186.	2.3	19
169	Spatially explicit prioritization of human antibiotics and antineoplastics in Europe. Environment International, 2013, 51, 13-26.	4.8	49
170	Statistical uncertainty in hazardous terrestrial concentrations estimated with aquatic ecotoxicity data. Chemosphere, 2013, 93, 366-372.	4.2	6
171	On the usefulness of life cycle assessment in early chemical methodology development: the case of organophosphorus-catalyzed Appel and Wittig reactions. Green Chemistry, 2013, 15, 1255.	4.6	73
172	UNDERSTANDING QUANTITATIVE STRUCTUREâ€“PROPERTY RELATIONSHIPS UNCERTAINTY IN ENVIRONMENTAL FATE MODELING. Environmental Toxicology and Chemistry, 2013, 32, 1069-1076.	2.2	11
173	Global assessment of the effects of terrestrial acidification on plant species richness. Environmental Pollution, 2013, 174, 10-15.	3.7	62
174	Predicting the oral uptake efficiency of chemicals in mammals: Combining the hydrophilic and lipophilic range. Toxicology and Applied Pharmacology, 2013, 266, 150-156.	1.3	18
175	Including the Introduction of Exotic Species in Life Cycle Impact Assessment: The Case of Inland Shipping. Environmental Science & Technology, 2013, 47, 13934-13940.	4.6	30
176	Addressing Geographic Variability in the Comparative Toxicity Potential of Copper and Nickel in Soils. Environmental Science & Technology, 2013, 47, 3241-3250.	4.6	49
177	European characterization factors for damage to natural vegetation by ozone in life cycle impact assessment. Atmospheric Environment, 2013, 77, 318-324.	1.9	19
178	Comparing the impact of fine particulate matter emissions from industrial facilities and transport on the real age of a local community. Atmospheric Environment, 2013, 73, 138-144.	1.9	7
179	Spatially-differentiated atmospheric sourceâ€“receptor relationships for nitrogen oxides, sulfur oxides and ammonia emissions at the global scale for life cycle impact assessment. Atmospheric Environment, 2012, 62, 74-81.	1.9	47
180	Wind Power Electricity: The Bigger the Turbine, The Greener the Electricity?. Environmental Science & Technology, 2012, 46, 4725-4733.	4.6	149

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181	Assessing the Relative Importance of Spatial Variability in Emissions Versus Landscape Properties in Fate Models for Environmental Exposure Assessment of Chemicals. Environmental Modeling and Assessment, 2012, 17, 577-587.	1.2	8
182	Compound Lipophilicity as a Descriptor to Predict Binding Affinity (1/K_m) in Mammals. Environmental Science & Technology, 2012, 46, 5168-5174.	4.6	7
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