

Olivier Jolliet

List of Publications by Citations

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178
papers

11,771
citations

54
h-index

105
g-index

185
ext. papers

13,425
ext. citations

7.1
avg, IF

6.3
L-index

#	Paper	IF	Citations
178	IMPACT 2002+: A new life cycle impact assessment methodology. <i>International Journal of Life Cycle Assessment</i> , 2003 , 8, 324	4.6	1226
177	USEtoxThe 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
176	System boundary selection in life-cycle inventories using hybrid approaches. <i>Environmental Science & Technology</i> , 2004 , 38, 657-64	10.3	777
175	Life cycle assessment part 2: current impact assessment practice. <i>Environment International</i> , 2004 , 30, 721-39	12.9	485
174	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
173	Life cycle assessment of biofibres replacing glass fibres as reinforcement in plastics. <i>Resources, Conservation and Recycling</i> , 2001 , 33, 267-287	11.9	266
172	Life cycle impact assessment of pesticides on human health and ecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2002 , 93, 379-392	5.7	254
171	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
170	Peer Reviewed: Defining Intake Fraction. <i>Environmental Science & Technology</i> , 2002 , 36, 206A-211A	10.3	213
169	Environmental and economic life cycle assessment for sewage sludge treatment processes in Japan. <i>Waste Management</i> , 2009 , 29, 696-703	8.6	204
168	The LCIA midpoint-damage framework of the UNEP/SETAC life cycle initiative. <i>International Journal of Life Cycle Assessment</i> , 2004 , 9, 394	4.6	202
167	Apparent half-lives of dioxins, furans, and polychlorinated biphenyls as a function of age, body fat, smoking status, and breast-feeding. <i>Environmental Health Perspectives</i> , 2009 , 117, 417-25	8.4	197
166	Best available practice regarding impact categories and category indicators in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 1999 , 4, 66	4.6	191
165	Multimedia fate and human intake modeling: spatial versus nonspatial insights for chemical emissions in Western Europe. <i>Environmental Science & Technology</i> , 2005 , 39, 1119-28	10.3	165
164	Life cycle assessment of processes for the treatment of wastewater urban sludge: energy and global warming analysis. <i>Journal of Cleaner Production</i> , 2005 , 13, 287-299	10.3	163
163	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
162	Health impact and damage cost assessment of pesticides in Europe. <i>Environment International</i> , 2012 , 49, 9-17	12.9	140

161	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
160	IMPACT World+: a globally regionalized life cycle impact assessment method. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 1653-1674	4.6	134
159	Life cycle assessment of two baby food packaging alternatives: glass jars vs. plastic pots. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 95-106	4.6	124
158	Environmental analysis of intensity level in wheat crop production using life cycle assessment. <i>Agriculture, Ecosystems and Environment</i> , 2006 , 113, 216-225	5.7	124
157	The role of atmospheric dispersion models and ecosystem sensitivity in the determination of characterisation factors for acidifying and eutrophying emissions in LCIA. <i>International Journal of Life Cycle Assessment</i> , 2008 , 13, 477-486	4.6	118
156	Intake fraction for particulate matter: recommendations for life cycle impact assessment. <i>Environmental Science & Technology</i> , 2011 , 45, 4808-16	10.3	116
155	Climate change and health: indoor heat exposure in vulnerable populations. <i>Environmental Research</i> , 2012 , 112, 20-7	7.9	107
154	Plant uptake of pesticides and human health: dynamic modeling of residues in wheat and ingestion intake. <i>Chemosphere</i> , 2011 , 85, 1639-47	8.4	107
153	Life cycle assessment of end-of-life options for two biodegradable packaging materials: sound application of the European waste hierarchy. <i>Journal of Cleaner Production</i> , 2015 , 86, 132-145	10.3	106
152	Estimating half-lives for pesticide dissipation from plants. <i>Environmental Science & Technology</i> , 2014 , 48, 8588-602	10.3	100
151	Exploring consumer exposure pathways and patterns of use for chemicals in the environment. <i>Toxicology Reports</i> , 2015 , 2, 228-237	4.8	95
150	Analytical uncertainty propagation in life cycle inventory and impact assessment: application to an automobile front panel. <i>International Journal of Life Cycle Assessment</i> , 2010 , 15, 499-510	4.6	92
149	LCIA framework and cross-cutting issues guidance within the UNEP-SETAC Life Cycle Initiative. <i>Journal of Cleaner Production</i> , 2017 , 161, 957-967	10.3	89
148	Life cycle human health impacts of 875 pesticides. <i>International Journal of Life Cycle Assessment</i> , 2016 , 21, 722-733	4.6	86
147	Dynamic multicrop model to characterize impacts of pesticides in food. <i>Environmental Science & Technology</i> , 2011 , 45, 8842-9	10.3	84
146	A flexible matrix algebra framework for the multimedia multipathway modeling of emission to impacts. <i>Environment International</i> , 2007 , 33, 624-34	12.9	83
145	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
144	A spatially explicit life cycle inventory of the global textile chain. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 443-455	4.6	76

143	Life cycle assessment of spray dried soluble coffee and comparison with alternatives (drip filter and capsule espresso). <i>Journal of Cleaner Production</i> , 2009 , 17, 1351-1358	10.3	74
142	Global guidance on environmental life cycle impact assessment indicators: progress and case study. <i>International Journal of Life Cycle Assessment</i> , 2016 , 21, 429-442	4.6	73
141	Intake fraction for multimedia pollutants: a tool for life cycle analysis and comparative risk assessment. <i>Risk Analysis</i> , 2002 , 22, 905-18	3.9	73
140	Global guidance on environmental life cycle impact assessment indicators: impacts of climate change, fine particulate matter formation, water consumption and land use. <i>International Journal of Life Cycle Assessment</i> , 2018 , 23, 2189-2207	4.6	69
139	Assessing human health response in life cycle assessment using ED10s and DALYs: part 2--Noncancer effects. <i>Risk Analysis</i> , 2002 , 22, 947-63	3.9	68
138	Assessing human health response in life cycle assessment using ED10s and DALYs: part 1--Cancer effects. <i>Risk Analysis</i> , 2002 , 22, 931-46	3.9	65
137	Dynamics of pesticide uptake into plants: From system functioning to parsimonious modeling. <i>Environmental Modelling and Software</i> , 2013 , 40, 316-324	5.2	62
136	Parameterization models for pesticide exposure via crop consumption. <i>Environmental Science & Technology</i> , 2012 , 46, 12864-72	10.3	59
135	Risk and Regulatory Hazard-Based Toxicological Effect Indicators in Life-Cycle Assessment (LCA). <i>Human and Ecological Risk Assessment (HERA)</i> , 2006 , 12, 450-475	4.9	59
134	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
133	Integrating life cycle costs and environmental impacts of composite rail car-bodies for a Korean train. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 429-442	4.6	58
132	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	4.6	57
131	Global guidance on environmental life cycle impact assessment indicators: findings of the scoping phase. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 962-967	4.6	57
130	The Glasgow consensus on the delineation between pesticide emission inventory and impact assessment for LCA. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 765-776	4.6	55
129	HORTITRANS, a Model for Predicting and Optimizing Humidity and Transpiration in Greenhouses. <i>Biosystems Engineering</i> , 1994 , 57, 23-37		55
128	A life cycle assessment framework combining nutritional and environmental health impacts of diet: a case study on milk. <i>International Journal of Life Cycle Assessment</i> , 2016 , 21, 734-746	4.6	55
127	Coupled near-field and far-field exposure assessment framework for chemicals in consumer products. <i>Environment International</i> , 2016 , 94, 508-518	12.9	55
126	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	4.6	54

125	Life cycle assessment of second generation (2G) and third generation (3G) mobile phone networks. <i>Environment International</i> , 2006 , 32, 656-75	12.9	54
124	Toward a general physiologically-based pharmacokinetic model for intravenously injected nanoparticles. <i>International Journal of Nanomedicine</i> , 2016 , 11, 625-40	7.3	53
123	Risk-Based High-Throughput Chemical Screening and Prioritization using Exposure Models and in Vitro Bioactivity Assays. <i>Environmental Science & Technology</i> , 2015 , 49, 6760-71	10.3	52
122	The end of life treatment of second generation mobile phone networks: Strategies to reduce the environmental impact. <i>Environmental Impact Assessment Review</i> , 2005 , 25, 540-566	5.3	51
121	Defining Product Intake Fraction to Quantify and Compare Exposure to Consumer Products. <i>Environmental Science & Technology</i> , 2015 , 49, 8924-31	10.3	48
120	Health effects of fine particulate matter in life cycle impact assessment: findings from the Basel Guidance Workshop. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 276-288	4.6	48
119	Tissue distribution and pharmacokinetics of stable polyacrylamide nanoparticles following intravenous injection in the rat. <i>Toxicology and Applied Pharmacology</i> , 2011 , 251, 181-90	4.6	48
118	Indoor inhalation intake fractions of fine particulate matter: review of influencing factors. <i>Indoor Air</i> , 2016 , 26, 836-856	5.4	48
117	Consensus Modeling of Median Chemical Intake for the U.S. Population Based on Predictions of Exposure Pathways. <i>Environmental Science & Technology</i> , 2019 , 53, 719-732	10.3	48
116	Physiologically based pharmacokinetic modeling of polyethylene glycol-coated polyacrylamide nanoparticles in rats. <i>Nanotoxicology</i> , 2014 , 8 Suppl 1, 128-37	5.3	47
115	Towards a new index for environmental sustainability based on a DALY weighting approach. <i>Sustainable Development</i> , 2008 , 16, 251-260	6.7	47
114	Analytical Propagation of Uncertainty in Life Cycle Assessment Using Matrix Formulation. <i>Journal of Industrial Ecology</i> , 2013 , 17, 485-492	7.2	46
113	A review of models for near-field exposure pathways of chemicals in consumer products. <i>Science of the Total Environment</i> , 2017 , 574, 1182-1208	10.2	45
112	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
111	LCCThe economic pillar of sustainability: Methodology and application to wastewater treatment. <i>Environmental Progress</i> , 2003 , 22, 241-249		43
110	In vivo biodistribution and physiologically based pharmacokinetic modeling of inhaled fresh and aged cerium oxide nanoparticles in rats. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 45	8.4	42
109	Assessing regional intake fractions in North America. <i>Science of the Total Environment</i> , 2009 , 407, 4812-20.2	10.2	41
108	Characterizing Aggregated Exposure to Primary Particulate Matter: Recommended Intake Fractions for Indoor and Outdoor Sources. <i>Environmental Science & Technology</i> , 2017 , 51, 9089-9100	10.3	40

107	Characterizing the burden of disease of particulate matter for life cycle impact assessment. <i>Air Quality, Atmosphere and Health</i> , 2015 , 8, 29-46	5.6	39
106	Indoor Air Pollutant Exposure for Life Cycle Assessment: Regional Health Impact Factors for Households. <i>Environmental Science & Technology</i> , 2015 , 49, 12823-31	10.3	39
105	Overview and recommendations for regionalized life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 856-865	4.6	39
104	Life cycle human health and ecotoxicological impacts assessment of electricity production from wood biomass compared to coal fuel. <i>Applied Energy</i> , 2017 , 187, 564-574	10.7	38
103	Modeling the influence of intermittent rain events on long-term fate and transport of organic air pollutants. <i>Environmental Science & Technology</i> , 2005 , 39, 4513-22	10.3	38
102	Toward harmonizing ecotoxicity characterization in life cycle impact assessment. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 2955-2971	3.8	38
101	Spatial analysis of toxic emissions in LCA: a sub-continental nested USEtox model with freshwater archetypes. <i>Environment International</i> , 2014 , 69, 67-89	12.9	37
100	Comparison of modeling approaches to prioritize chemicals based on estimates of exposure and exposure potential. <i>Science of the Total Environment</i> , 2013 , 458-460, 555-67	10.2	37
99	A biophysical approach to allocation of life cycle environmental burdens for fluid milk supply chain analysis. <i>International Dairy Journal</i> , 2013 , 31, S41-S49	3.5	36
98	Making sense of the minefield of footprint indicators. <i>Environmental Science & Technology</i> , 2015 , 49, 2601-3	10.3	36
97	A comprehensive analysis of racial disparities in chemical biomarker concentrations in United States women, 1999-2014. <i>Environment International</i> , 2020 , 137, 105496	12.9	35
96	Indoor intake fraction considering surface sorption of air organic compounds for life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2012 , 17, 919-931	4.6	35
95	Consumption-based human health impacts of primary PM2.5: The hidden burden of international trade. <i>Journal of Cleaner Production</i> , 2017 , 167, 133-139	10.3	34
94	Multi-pathway exposure modeling of chemicals in cosmetics with application to shampoo. <i>Environment International</i> , 2016 , 92-93, 87-96	12.9	34
93	Area of concern: a new paradigm in life cycle assessment for the development of footprint metrics. <i>International Journal of Life Cycle Assessment</i> , 2016 , 21, 276-280	4.6	32
92	OMNIITOX - operational life-cycle impact assessment models and information tools for practitioners. <i>International Journal of Life Cycle Assessment</i> , 2004 , 9, 282	4.6	30
91	Continent-specific Intake Fractions and Characterization Factors for Toxic Emissions: Does it make a Difference?. <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 55-63	4.6	29
90	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. <i>Environmental Science & Technology</i> , 2021 , 55, 25-43	10.3	29

89	Defining intake fraction. <i>Environmental Science & Technology</i> , 2002 , 36, 207A-211A	10.3	29
88	Stochastic modeling of near-field exposure to parabens in personal care products. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017 , 27, 152-159	6.7	28
87	Combining Material Flow Analysis, Life Cycle Assessment, and Multiattribute Utility Theory. <i>Journal of Industrial Ecology</i> , 2013 , 17, 642-655	7.2	28
86	Using life cycle approaches to enhance the value of corporate environmental disclosures. <i>Business Strategy and the Environment</i> , 2011 , 20, 38-54	8.6	28
85	Toxicity assessment of the main pesticides used in Costa Rica. <i>Agriculture, Ecosystems and Environment</i> , 2007 , 118, 183-190	5.7	27
84	Estimate ecotoxicity characterization factors for chemicals in life cycle assessment using machine learning models. <i>Environment International</i> , 2020 , 135, 105393	12.9	27
83	Advancements in Life Cycle Human Exposure and Toxicity Characterization. <i>Environmental Health Perspectives</i> , 2018 , 126, 125001	8.4	27
82	Global Effect Factors for Exposure to Fine Particulate Matter. <i>Environmental Science & Technology</i> , 2019 , 53, 6855-6868	10.3	26
81	Establishing a Framework for Life Cycle Toxicity Assessment. Findings of the Lausanne Review Workshop (4 pp). <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 209-212	4.6	26
80	Chemicals of concern in plastic toys. <i>Environment International</i> , 2021 , 146, 106194	12.9	26
79	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
78	A quantitative assessment of Beneficial Management Practices to reduce carbon and reactive nitrogen footprints and phosphorus losses on dairy farms in the US Great Lakes region. <i>Agricultural Systems</i> , 2018 , 166, 10-25	6.1	23
77	Toward refined environmental scenarios for ecological risk assessment of down-the-drain chemicals in freshwater environments. <i>Integrated Environmental Assessment and Management</i> , 2017 , 13, 233-248	2.5	22
76	Characterizing honey bee exposure and effects from pesticides for chemical prioritization and life cycle assessment. <i>Environment International</i> , 2020 , 138, 105642	12.9	22
75	High-throughput exposure modeling to support prioritization of chemicals in personal care products. <i>Chemosphere</i> , 2016 , 163, 490-498	8.4	22
74	Modeling the Emergence of Antibiotic Resistance in the Environment: an Analytical Solution for the Minimum Selection Concentration. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	21
73	A parsimonious model for the release of volatile organic compounds (VOCs) encapsulated in products. <i>Atmospheric Environment</i> , 2016 , 127, 223-235	5.3	21
72	Heavy metal partitioning from electronic scrap during thermal End-of-Life treatment. <i>Science of the Total Environment</i> , 2007 , 373, 576-84	10.2	21

71	Progresses in Life Cycle Impact Assessment within the UNEP/SETAC Life Cycle Initiative. <i>International Journal of Life Cycle Assessment</i> , 2005 , 10, 447-448	4.6	21
70	A framework for the assessment of marine litter impacts in life cycle impact assessment. <i>Ecological Indicators</i> , 2021 , 129, 107918	5.8	21
69	Exposure and Toxicity Characterization of Chemical Emissions and Chemicals in Products: Global Recommendations and Implementation in USEtox. <i>International Journal of Life Cycle Assessment</i> , 2021 , 26, 899-915	4.6	20
68	Fate coefficients for the toxicity assessment of air pollutants. <i>International Journal of Life Cycle Assessment</i> , 1997 , 2, 104-110	4.6	19
67	Case report: human exposure to dioxins from clay. <i>Environmental Health Perspectives</i> , 2008 , 116, 238-42	8.4	19
66	Dose-Response Modeling for Life Cycle Impact Assessment - Findings of the Portland Review Workshop. <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 137-140	4.6	19
65	LC-IMPACT: A regionalized life cycle damage assessment method. <i>Journal of Industrial Ecology</i> , 2020 , 24, 1201-1219	7.2	18
64	CKow: a dynamic model for chemical transfer to meat and milk. <i>Environmental Science & Technology</i> , 2009 , 43, 8191-8	10.3	17
63	A global framework to model spatial ecosystems exposure to home and personal care chemicals in Asia. <i>Science of the Total Environment</i> , 2018 , 622-623, 410-420	10.2	16
62	New approach methodologies for exposure science. <i>Current Opinion in Toxicology</i> , 2019 , 15, 76-92	4.4	16
61	Life cycle based alternatives assessment (LCAA) for chemical substitution. <i>Green Chemistry</i> , 2020 , 22, 6008-6024	10	16
60	High-throughput migration modelling for estimating exposure to chemicals in food packaging in screening and prioritization tools. <i>Food and Chemical Toxicology</i> , 2017 , 109, 428-438	4.7	15
59	Dairy farm greenhouse gas impacts: A parsimonious model for a farmer's decision support tool. <i>International Dairy Journal</i> , 2013 , 31, S65-S77	3.5	15
58	Spatial Variability and Uncertainty of Water Use Impacts from U.S. Feed and Milk Production. <i>Environmental Science & Technology</i> , 2017 , 51, 2382-2391	10.3	14
57	Comparison of process-based models to quantify nutrient flows and greenhouse gas emissions associated with milk production. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 237, 31-44	5.7	14
56	Impact of Occupational Exposure to Chemicals in Life Cycle Assessment: A Novel Characterization Model Based on Measured Concentrations and Labor Hours. <i>Environmental Science & Technology</i> , 2015 , 49, 8741-50	10.3	14
55	Multiscale Spatial Modeling of Human Exposure from Local Sources to Global Intake. <i>Environmental Science & Technology</i> , 2018 , 52, 701-711	10.3	14
54	A quantitative structure-property relationship (QSPR) for estimating solid material-air partition coefficients of organic compounds. <i>Indoor Air</i> , 2019 , 29, 79-88	5.4	14

53	Fate modelling of nanoparticle releases in LCA: An integrative approach towards USEtox4Nano <i>Journal of Cleaner Production</i> , 2019 , 206, 701-712	10.3	14
52	Operational Life Cycle Impact Assessment weighting factors based on Planetary Boundaries: Applied to cosmetic products. <i>Ecological Indicators</i> , 2019 , 107, 105498	5.8	13
51	Source-to-exposure assessment with the Pangea multi-scale framework - case study in Australia. <i>Environmental Sciences: Processes and Impacts</i> , 2018 , 20, 133-144	4.3	12
50	Integrating exposure to chemicals in building materials during use stage. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 1009-1026	4.6	12
49	Qualitative approach to comparative exposure in alternatives assessment. <i>Integrated Environmental Assessment and Management</i> , 2019 , 15, 880-894	2.5	11
48	Metrics and indices to assess the life cycle costs and greenhouse gas impacts of a dairy digester. <i>Journal of Cleaner Production</i> , 2014 , 79, 98-107	10.3	10
47	Rapid Prediction of Chemical Ecotoxicity Through Genetic Algorithm Optimized Neural Network Models. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 12168-12176	8.3	10
46	A combined quantitative property-property relationship (QPPR) for estimating packaging-food and solid material-water partition coefficients of organic compounds. <i>Science of the Total Environment</i> , 2019 , 658, 493-500	10.2	10
45	High Throughput Risk and Impact Screening of Chemicals in Consumer Products. <i>Risk Analysis</i> , 2021 , 41, 627-644	3.9	10
44	Analysis of beneficial management practices to mitigate environmental impacts in dairy production systems around the Great Lakes. <i>Agricultural Systems</i> , 2019 , 176, 102660	6.1	9
43	Quantitative Property-Property Relationship for Screening-Level Prediction of Intrinsic Clearance: A Tool for Exposure Modeling for High-Throughput Toxicity Screening Data. <i>Applied in Vitro Toxicology</i> , 2015 , 1, 140-146	1.3	9
42	Calculating Intake of Dietary Risk Components Used in the Global Burden of Disease Studies from the What We Eat in America/National Health and Nutrition Examination Surveys. <i>Nutrients</i> , 2018 , 10,	6.7	9
41	Small targeted dietary changes can yield substantial gains for human health and the environment. <i>Nature Food</i> , 2021 , 2, 616-627	14.4	9
40	Estimation of age- and sex-specific background human serum concentrations of PCDDs, PCDFs, and PCBs in the UMDES and NHANES populations. <i>Chemosphere</i> , 2013 , 91, 817-23	8.4	8
39	Prioritising sustainable consumption patterns: key decisions and environmental gains. <i>International Journal of Innovation and Sustainable Development</i> , 2007 , 2, 140	1.1	8
38	Environmental Assessment of End-of-Life Treatment Options for a GSM 900 Antenna Rack (12 pp paper version/18 pp online version). <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 425-436	4.6	8
37	Estimating mouthing exposure to chemicals in children's products. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021 ,	6.7	8
36	Human health no-effect levels of TiO ₂ nanoparticles as a function of their primary size. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	7

35	Towards Win-Win Policies for Healthy and Sustainable Diets in Switzerland. <i>Nutrients</i> , 2020 , 12,	6.7	7
34	Dredging Contaminated Sediments: Is it Worth the Risks?. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 515	3.8	6
33	Case report: the University of Michigan dioxin exposure study: a follow-up investigation of a case with high serum concentration of 2,3,4,7,8-pentachlorodibenzofuran. <i>Environmental Health Perspectives</i> , 2010 , 118, 1313-7	8.4	6
32	Energy Burdens of Conventional Wholesale and Retail Portions of Product Life Cycles. <i>Journal of Industrial Ecology</i> , 2008 , 6, 59-69	7.2	6
31	User needs analysis and development of priorities for life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2004 , 9, 153-160	4.6	6
30	Life Cycle Approaches for Sustainable Consumption - 24th LCA Swiss Discussion Forum. <i>International Journal of Life Cycle Assessment</i> , 2005 , 10, 228-229	4.6	6
29	Particulate Matter Formation. <i>LCA Compendium</i> , 2015 , 97-113		6
28	Human Health Benefits from Fish Consumption vs. Risks from Inhalation Exposures Associated with Contaminated Sediment Remediation: Dredging of the Hudson River. <i>Environmental Health Perspectives</i> , 2019 , 127, 127004	8.4	6
27	Characterization of age-based trends to identify chemical biomarkers of higher levels in children. <i>Environment International</i> , 2019 , 122, 117-129	12.9	6
26	Modeling chemical releases from building materials: The search for extended validity domain and parsimony. <i>Building Simulation</i> , 2021 , 14, 1277-1293	3.9	6
25	Life cycle health impacts of polycyclic aromatic hydrocarbon for source-specific mixtures. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 87-99	4.6	5
24	The Importance of Considering Product Loss Rates in Life Cycle Assessment: The Example of Closure Systems for Bottled Wine. <i>Sustainability</i> , 2012 , 4, 2673-2706	3.6	5
23	Atmospheric fate of non-volatile and ionizable compounds. <i>Chemosphere</i> , 2011 , 85, 1353-9	8.4	5
22	Towards integrating toxicity characterization into environmental studies: case study of bromine in soils. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 19814-19827	5.1	4
21	Occupational Health Impacts Due to Exposure to Organic Chemicals over an Entire Product Life Cycle. <i>Environmental Science & Technology</i> , 2016 , 50, 13105-13114	10.3	4
20	Global spatial analysis of toxic emissions to freshwater: operationalization for LCA. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 501-517	4.6	4
19	Material flow, economic and environmental life cycle performances of informal electronic waste recycling in a Thai community. <i>Resources, Conservation and Recycling</i> , 2022 , 180, 106129	11.9	3
18	Life Cycle Risks and Impacts of Nanotechnologies 2013 , 213-278		3

17	Chemicals of concern in building materials: A high-throughput screening. <i>Journal of Hazardous Materials</i> , 2021 , 127574	12.8	3
16	Human Toxicity. <i>LCA Compendium</i> , 2015 , 75-96		3
15	Standardized Recipes and Their Influence on the Environmental Impact Assessment of Mixed Dishes: A Case Study on Pizza. <i>Sustainability</i> , 2020 , 12, 9466	3.6	3
14	Abstract P226: HEalth Nutritional Index (HENI): A Health Burden Based Tool for Food and Diet Nutritional Evaluation. <i>Circulation</i> , 2018 , 137,	16.7	2
13	The effects of presenting health and environmental impacts of food on consumption intentions. <i>Food Quality and Preference</i> , 2022 , 98, 104501	5.8	2
12	Identifying the link between chemical exposures and breast cancer in African American women via integrated in vitro and exposure biomarker data. <i>Toxicology</i> , 2021 , 463, 152964	4.4	2
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