

# Francesca Verones

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

5,095  
citations

136885

32  
h-index

91828

69  
g-index

77  
all docs

77  
docs citations

77  
times ranked

4745  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.2	1,905
2	Review of methods addressing freshwater use in life cycle inventory and impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 707-721.	2.2	268
3	Quantifying Land Use Impacts on Biodiversity: Combining Species-Area Models and Vulnerability Indicators. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9987-9995.	4.6	221
4	Normalisation and weighting in life cycle assessment: quo vadis?. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 853-866.	2.2	178
5	Understanding the LCA and ISO water footprint: A response to Hoekstra (2016) – a critique on the water-scarcity weighted water footprint in LCA. <i>Ecological Indicators</i> , 2017, 72, 352-359.	2.6	158
6	LCIA framework and cross-cutting issues guidance within the UNEP-SETAC Life Cycle Initiative. <i>Journal of Cleaner Production</i> , 2017, 161, 957-967.	4.6	141
7	Effects of Consumptive Water Use on Biodiversity in Wetlands of International Importance. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12248-12257.	4.6	95
8	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.	2.2	94
9	Characterization Factors for Thermal Pollution in Freshwater Aquatic Environments. <i>Environmental Science &amp; Technology</i> , 2010, 44, 9364-9369.	4.6	93
10	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.	2.2	88
11	A framework for the assessment of marine litter impacts in life cycle impact assessment. <i>Ecological Indicators</i> , 2021, 129, 107918.	2.6	87
12	Towards a meaningful assessment of marine ecological impacts in life cycle assessment (LCA). <i>Environment International</i> , 2016, 89-90, 48-61.	4.8	83
13	LC-IMPACT: A regionalized life cycle damage assessment method. <i>Journal of Industrial Ecology</i> , 2020, 24, 1201-1219.	2.8	80
14	Resource footprints and their ecosystem consequences. <i>Scientific Reports</i> , 2017, 7, 40743.	1.6	74
15	Towards harmonizing natural resources as an area of protection in life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1912-1927.	2.2	70
16	Towards integrating the ecosystem services cascade framework within the Life Cycle Assessment (LCA) cause-effect methodology. <i>Science of the Total Environment</i> , 2019, 690, 1284-1298.	3.9	70
17	Methodological review and detailed guidance for the life cycle interpretation phase. <i>Journal of Industrial Ecology</i> , 2020, 24, 986-1003.	2.8	61
18	A metric for spatially explicit contributions to science-based species targets. <i>Nature Ecology and Evolution</i> , 2021, 5, 836-844.	3.4	61

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19	Overview and recommendations for regionalized life cycle impact assessment. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 856-865.	2.2	57
20	Impacts from hydropower production on biodiversity in an LCA framework – review and recommendations. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 412-428.	2.2	55
21	Quantifying Area Changes of Internationally Important Wetlands Due to Water Consumption in LCA. <i>Environmental Science &amp; Technology</i> , 2013, 47, 9799-9807.	4.6	54
22	An effect factor approach for quantifying the entanglement impact on marine species of macroplastic debris within life cycle impact assessment. <i>Ecological Indicators</i> , 2019, 99, 61-66.	2.6	53
23	On the suitability of input–output analysis for calculating product-specific biodiversity footprints. <i>Ecological Indicators</i> , 2016, 60, 192-201.	2.6	52
24	Harmonizing the Assessment of Biodiversity Effects from Land and Water Use within LCA. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3584-3592.	4.6	51
25	Modeling the Local Biodiversity Impacts of Agricultural Water Use: Case Study of a Wetland in the Coastal Arid Area of Peru. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4966-4974.	4.6	45
26	Beyond the material grave: Life Cycle Impact Assessment of leaching from secondary materials in road and earth constructions. <i>Waste Management</i> , 2014, 34, 1884-1896.	3.7	45
27	Health benefits, ecological threats of low-carbon electricity. <i>Environmental Research Letters</i> , 2017, 12, 034023.	2.2	44
28	Biodiversity Impacts from Salinity Increase in a Coastal Wetland. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6384-6392.	4.6	42
29	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.	3.1	42
30	Making Sense of the Minefield of Footprint Indicators. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2601-2603.	4.6	38
31	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.	2.2	38
32	Overview of recent land–cover changes in biodiversity hotspots. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 91-97.	1.9	36
33	Biodiversity impacts from water consumption on a global scale for use in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1247-1256.	2.2	33
34	Modeling Net Land Occupation of Hydropower Reservoirs in Norway for Use in Life Cycle Assessment. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2375-2384.	4.6	30
35	Ecosystem quality in LCIA: status quo, harmonization, and suggestions for the way forward. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 1995-2006.	2.2	30
36	Spatio-Temporal Changes in Wildlife Habitat Quality in the Greater Serengeti Ecosystem. <i>Sustainability</i> , 2020, 12, 2440.	1.6	28

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37	Life Cycle Assessment Based Evaluation of Regional Impacts from Agricultural Production at the Peruvian Coast. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9872-9880.	4.6	26
38	Global distribution of potential impact hotspots for marine plastic debris entanglement. <i>Ecological Indicators</i> , 2022, 135, 108509.	2.6	26
39	Quantification and valuation of ecosystem services in life cycle assessment: Application of the cascade framework to rice farming systems. <i>Science of the Total Environment</i> , 2020, 747, 141278.	3.9	24
40	Quantifying Europe's biodiversity footprints and the role of urbanization and income. <i>Global Sustainability</i> , 2020, 3, .	1.6	23
41	Are Wave and Tidal Energy Plants New Green Technologies?. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7870-7878.	4.6	22
42	Quantifying net water consumption of Norwegian hydropower reservoirs and related aquatic biodiversity impacts in Life Cycle Assessment. <i>Environmental Impact Assessment Review</i> , 2019, 76, 36-46.	4.4	22
43	Impacts of onshore wind energy production on birds and bats: recommendations for future life cycle impact assessment developments. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 2007-2023.	2.2	21
44	Potential Consequences of Regional Species Loss for Global Species Richness: A Quantitative Approach for Estimating Global Extinction Probabilities. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4728-4738.	4.6	21
45	A novel maximum entropy approach to hybrid monetary-physical supply-chain modelling and its application to biodiversity impacts of palm oil embodied in consumption. <i>Environmental Research Letters</i> , 2018, 13, 115002.	2.2	20
46	Controlling biodiversity impacts of future global hydropower reservoirs by strategic site selection. <i>Scientific Reports</i> , 2020, 10, 21777.	1.6	19
47	Trends in national biodiversity footprints of land use. <i>Ecological Economics</i> , 2021, 185, 107059.	2.9	19
48	Ecosystem damage from anthropogenic seabed disturbance: A life cycle impact assessment characterisation model. <i>Science of the Total Environment</i> , 2019, 649, 1481-1490.	3.9	18
49	A Multimedia Hydrological Fate Modeling Framework To Assess Water Consumption Impacts in Life Cycle Assessment. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4658-4667.	4.6	17
50	Evaluation of incorporating plastic wastes into asphalt materials for road construction in Ghana. <i>Cogent Environmental Science</i> , 2019, 5, 1576373.	1.6	17
51	Considering habitat conversion and fragmentation in characterisation factors for land-use impacts on vertebrate species richness. <i>Science of the Total Environment</i> , 2021, 801, 149737.	3.9	17
52	Ecotourism and wildlife conservation-related enterprise development by local communities within Southern Africa: Perspectives from the greater Limpopo Transfrontier Conservation, South-Eastern Lowveld, Zimbabwe. <i>Cogent Environmental Science</i> , 2018, 4, 1531463.	1.6	15
53	Global characterization factors for terrestrial biodiversity impacts of future land inundation in Life Cycle Assessment. <i>Science of the Total Environment</i> , 2020, 712, 134582.	3.9	15
54	Integrating impacts on climate change and biodiversity from forest harvest in Norway. <i>Ecological Indicators</i> , 2018, 89, 411-421.	2.6	14

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55	Life-cycle impacts of wind energy development on bird diversity in Norway. <i>Environmental Impact Assessment Review</i> , 2021, 90, 106635.	4.4	14
56	TSUNAGARI: a new interdisciplinary and transdisciplinary study toward conservation and sustainable use of biodiversity and ecosystem services. <i>Ecological Research</i> , 2018, 33, 35-49.	0.7	12
57	Water in life cycle assessment – 50th Swiss Discussion Forum on Life Cycle Assessment – Zürich, 4 December 2012. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 1174-1179.	2.2	10
58	Making Marine Noise Pollution Impacts Heard: The Case of Cetaceans in the North Sea within Life Cycle Impact Assessment. <i>Sustainability</i> , 2017, 9, 1138.	1.6	9
59	Reviewing the potential for including habitat fragmentation to improve life cycle impact assessments for land use impacts on biodiversity. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 2206-2219.	2.2	9
60	Marine plastics in LCA: current status and MarILCA™s contributions. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 2105-2108.	2.2	9
61	Global life-cycle impacts of onshore wind-power plants on bird richness. <i>Environmental and Sustainability Indicators</i> , 2020, 8, 100080.	1.7	8
62	Native range estimates for red-listed vascular plants. <i>Scientific Data</i> , 2022, 9, 117.	2.4	8
63	A case study of life cycle impacts of small-scale fishing techniques in Thailand. <i>Cogent Environmental Science</i> , 2017, 3, 1387959.	1.6	7
64	Biodiversity Recovery and Transformation Impacts for Wetland Biodiversity. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8479-8487.	4.6	6
65	Linking inventories and impact assessment models for addressing biodiversity impacts: mapping rules and challenges. <i>International Journal of Life Cycle Assessment</i> , 2022, 27, 813-833.	2.2	6
66	Lead exposure through consumption of small game harvested using lead-based ammunition and the corresponding health risks to First Nations in Alberta, Canada. <i>Cogent Environmental Science</i> , 2018, 4, 1557316.	1.6	5
67	Land Use and Land Cover Change Within and Around the Greater Serengeti Ecosystem, Tanzania. <i>American Journal of Remote Sensing</i> , 2020, 8, 1.	0.5	5
68	Can we locate shrimp aquaculture areas from space? – A case study for Thailand. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 20, 100416.	0.8	2
69	Evaluating the relationship between the growth of fish and energy component of their prey. <i>Cogent Environmental Science</i> , 2019, 5, 1609225.	1.6	1
70	Empirical Characterization Factors for Life Cycle Assessment of the Impacts of Reservoir Occupation on Macroinvertebrate Richness across the United States. <i>Sustainability</i> , 2021, 13, 2701.	1.6	1
71	The MarINvaders Toolkit. <i>Journal of Open Source Software</i> , 2021, 6, 3575.	2.0	1
72	Do Amphibians and Cash Crops Compete for Scarce Water? A Spatial Correlation Analysis. <i>Sustainability</i> , 2019, 11, 1822.	1.6	0