

Stefano Cucurachi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,419
citations

430442

18
h-index

344852

36
g-index

38
all docs

38
docs citations

38
times ranked

1489
citing authors

#	ARTICLE	IF	CITATIONS
1	This city is not a bin: Crowdmapping the distribution of urban litter. <i>Journal of Industrial Ecology</i> , 2022, 26, 197-212.	2.8	9
2	Implementation of uncertainty analysis and momentâ€independent global sensitivity analysis for fullâ€scale life cycle assessment models. <i>Journal of Industrial Ecology</i> , 2022, 26, 374-391.	2.8	20
3	A rapid review of meta-analyses and systematic reviews of environmental footprints of food commodities and diets. <i>Global Food Security</i> , 2021, 28, 100508.	4.0	7
4	Circular business models of washing machines in the Netherlands: Material and climate change implications toward 2050. <i>Sustainable Production and Consumption</i> , 2021, 26, 1084-1098.	5.7	15
5	One Process Does Not Make a Life Cycleâ€”Comment to Marcinkowski and Kopania. <i>Energies</i> , 2021, 14, 1956.	1.6	2
6	Non-linearity in Marginal LCA: Application of a Spatial Optimization Model. <i>Frontiers in Sustainability</i> , 2021, 2, .	1.3	5
7	Assessing the environmental impacts of wind-based hydrogen production in the Netherlands using ex-ante LCA and scenarios analysis. <i>Journal of Cleaner Production</i> , 2021, 299, 126866.	4.6	54
8	Principles for the application of life cycle sustainability assessment. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1900-1905.	2.2	53
9	Life cycle assessment of 3D printing geoâ€polymer concrete: An exâ€ante study. <i>Journal of Industrial Ecology</i> , 2020, 24, 116-127.	2.8	58
10	Are Technological Developments Improving the Environmental Sustainability of Photovoltaic Electricity?. <i>Energy Technology</i> , 2020, 8, 1901064.	1.8	12
11	Environmental impacts of IIIâ€V/silicon photovoltaics: life cycle assessment and guidance for sustainable manufacturing. <i>Energy and Environmental Science</i> , 2020, 13, 4280-4290.	15.6	18
12	Perceived uncertainties of characterization in LCA: a survey. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 1846-1858.	2.2	16
13	LCâ€IMPACT: A regionalized life cycle damage assessment method. <i>Journal of Industrial Ecology</i> , 2020, 24, 1201-1219.	2.8	80
14	A critical view on the current application of LCA for new technologies and recommendations for improved practice. <i>Journal of Cleaner Production</i> , 2020, 259, 120904.	4.6	151
15	Assessing the sustainability of emerging technologies: A probabilistic LCA method applied to advanced photovoltaics. <i>Journal of Cleaner Production</i> , 2020, 259, 120968.	4.6	29
16	Bringing a life cycle perspective to emerging technology development. <i>Journal of Industrial Ecology</i> , 2020, 24, 6-10.	2.8	13
17	Integrating strategic environmental assessment and material flow accounting: a novel approach for moving towards sustainable urban futures. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1269-1284.	2.2	44
18	Noise footprint from personal landâ€based mobility. <i>Journal of Industrial Ecology</i> , 2019, 23, 1028-1038.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Life-cycle assessment of engineered nanomaterials. , 2019, , 815-846.		2
20	Life Cycle Assessment of Food Systems. One Earth, 2019, 1, 292-297.	3.6	83
21	Ex-ante LCA of Emerging Technologies. Procedia CIRP, 2018, 69, 463-468.	1.0	180
22	Linking Exposure and Kinetic Bioaccumulation Models for Metallic Engineered Nanomaterials in Freshwater Ecosystems. ACS Sustainable Chemistry and Engineering, 2018, 6, 12684-12694.	3.2	19
23	Digesting the alphabet soup of LCA. International Journal of Life Cycle Assessment, 2018, 23, 1507-1511.	2.2	46
24	Novel Method of Sensitivity Analysis Improves the Prioritization of Research in Anticipatory Life Cycle Assessment of Emerging Technologies. Environmental Science & Technology, 2018, 52, 6534-6543.	4.6	27
25	No Matter â€œ How?: Dealing with Matterâ€™less Stressors in LCA of Wind Energy Systems. Journal of Industrial Ecology, 2017, 21, 70-81.	2.8	3
26	Life Cycle Assessment of Noise Emissions: Comment on a Recent Publication. Environmental Modeling and Assessment, 2017, 22, 183-184.	1.2	8
27	Cause-effect analysis for sustainable development policy. Environmental Reviews, 2017, 25, 358-379.	2.1	11
28	Normalization in Comparative Life Cycle Assessment to Support Environmental Decision Making. Journal of Industrial Ecology, 2017, 21, 242-243.	2.8	21
29	Sustainable Local Development and Environmental Governance: A Strategic Planning Experience. Sustainability, 2016, 8, 180.	1.6	95
30	A Protocol for the Global Sensitivity Analysis of Impact Assessment Models in Life Cycle Assessment. Risk Analysis, 2016, 36, 357-377.	1.5	55
31	Challenges in assessing the environmental consequences of dietary changes. Environment Systems and Decisions, 2016, 36, 217-219.	1.9	11
32	A Moonshot for Sustainability Assessment. Environmental Science & Technology, 2015, 49, 9497-9498.	4.6	15
33	Building and Characterizing Regional and Global Emission Inventories of Toxic Pollutants. Environmental Science & Technology, 2014, 48, 5674-5682.	4.6	19
34	A framework for deciding on the inclusion of emerging impacts in life cycle impact assessment. Journal of Cleaner Production, 2014, 78, 152-163.	4.6	19
35	Industrial Ecology and Environmental Lean Management: Lights and Shadows. Sustainability, 2014, 6, 6362-6376.	1.6	42
36	Urban Metabolism: Many Open Questions for Future Answers. , 2014, , 23-32.		5

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37	A review of the ecological effects of radiofrequency electromagnetic fields (RF-EMF). Environment International, 2013, 51, 116-140.	4.8	121
38	Towards a general framework for including noise impacts in LCA. International Journal of Life Cycle Assessment, 2012, 17, 471-487.	2.2	40