

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	Ex-ante LCA of Emerging Technologies. <i>Procedia CIRP</i> , 2018, 69, 463-468.	1.0	180
2	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
3	A review of the ecological effects of radiofrequency electromagnetic fields (RF-EMF). <i>Environment International</i> , 2013, 51, 116-140.	4.8	121
4	Sustainable Local Development and Environmental Governance: A Strategic Planning Experience. <i>Sustainability</i> , 2016, 8, 180.	1.6	95
5	Life Cycle Assessment of Food Systems. <i>One Earth</i> , 2019, 1, 292-297.	3.6	83
6	LCâ€IMPACT: A regionalized life cycle damage assessment method. <i>Journal of Industrial Ecology</i> , 2020, 24, 1201-1219.	2.8	80
7	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
8	A Protocol for the Global Sensitivity Analysis of Impact Assessment Models in Life Cycle Assessment. <i>Risk Analysis</i> , 2016, 36, 357-377.	1.5	55
9	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
10	Principles for the application of life cycle sustainability assessment. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1900-1905.	2.2	53
11	Digesting the alphabet soup of LCA. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 1507-1511.	2.2	46
12	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
13	Industrial Ecology and Environmental Lean Management: Lights and Shadows. <i>Sustainability</i> , 2014, 6, 6362-6376.	1.6	42
14	Towards a general framework for including noise impacts in LCA. <i>International Journal of Life Cycle Assessment</i> , 2012, 17, 471-487.	2.2	40
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	Novel Method of Sensitivity Analysis Improves the Prioritization of Research in Anticipatory Life Cycle Assessment of Emerging Technologies. <i>Environmental Science & Technology</i> , 2018, 52, 6534-6543.	4.6	27
17	Normalization in Comparative Life Cycle Assessment to Support Environmental Decision Making. <i>Journal of Industrial Ecology</i> , 2017, 21, 242-243.	2.8	21
18	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

#	ARTICLE	IF	CITATIONS
19	Building and Characterizing Regional and Global Emission Inventories of Toxic Pollutants. <i>Environmental Science & Technology</i> , 2014, 48, 5674-5682.	4.6	19
20	A framework for deciding on the inclusion of emerging impacts in life cycle impact assessment. <i>Journal of Cleaner Production</i> , 2014, 78, 152-163.	4.6	19
21	Linking Exposure and Kinetic Bioaccumulation Models for Metallic Engineered Nanomaterials in Freshwater Ecosystems. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12684-12694.	3.2	19
22	Environmental impacts of III rd V/silicon photovoltaics: life cycle assessment and guidance for sustainable manufacturing. <i>Energy and Environmental Science</i> , 2020, 13, 4280-4290.	15.6	18
23	Perceived uncertainties of characterization in LCA: a survey. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 1846-1858.	2.2	16
24	A Moonshot for Sustainability Assessment. <i>Environmental Science & Technology</i> , 2015, 49, 9497-9498.	4.6	15
25	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
26	Bringing a life cycle perspective to emerging technology development. <i>Journal of Industrial Ecology</i> , 2020, 24, 6-10.	2.8	13
27	Are Technological Developments Improving the Environmental Sustainability of Photovoltaic Electricity?. <i>Energy Technology</i> , 2020, 8, 1901064.	1.8	12
28	Challenges in assessing the environmental consequences of dietary changes. <i>Environment Systems and Decisions</i> , 2016, 36, 217-219.	1.9	11
29	Cause-effect analysis for sustainable development policy. <i>Environmental Reviews</i> , 2017, 25, 358-379.	2.1	11
30	Noise footprint from personal land-based mobility. <i>Journal of Industrial Ecology</i> , 2019, 23, 1028-1038.	2.8	11
31	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
32	Life Cycle Assessment of Noise Emissions: Comment on a Recent Publication. <i>Environmental Modeling and Assessment</i> , 2017, 22, 183-184.	1.2	8
33	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
34	Non-linearity in Marginal LCA: Application of a Spatial Optimization Model. <i>Frontiers in Sustainability</i> , 2021, 2, .	1.3	5
35	Urban Metabolism: Many Open Questions for Future Answers. , 2014, , 23-32.		5
36	No Matter How?: Dealing with Matterless Stressors in LCA of Wind Energy Systems. <i>Journal of Industrial Ecology</i> , 2017, 21, 70-81.	2.8	3

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37	Life-cycle assessment of engineered nanomaterials. , 2019, , 815-846.		2
38	One Process Does Not Make a Life Cycleâ€™ Comment to Marcinkowski and Kopania. Energies, 2021, 14, 1956.	1.6	2