

Bertrand Laratte

List of Publications by Year in descending order

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papers

661
citations

566801

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42
all docs

42
docs citations

42
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying environmental externalities with a view to internalizing them in the price of products, using different monetization models. Resources, Conservation and Recycling, 2016, 109, 13-23.	5.3	56
2	Methods for land use impact assessment: A review. Environmental Impact Assessment Review, 2016, 60, 64-74.	4.4	45
3	Fate and Characterization Factors of Nanoparticles in Seventeen Subcontinental Freshwaters: A Case Study on Copper Nanoparticles. Environmental Science & Technology, 2016, 50, 9370-9379.	4.6	44
4	Disruption in Circularity? Impact analysis of COVID-19 on ship recycling using Weibull tonnage estimation and scenario analysis method. Resources, Conservation and Recycling, 2021, 164, 105139.	5.3	39
5	How recycling mitigates supply risks of critical raw materials: Extension of the geopolitical supply risk methodology applied to information and communication technologies in the European Union. Resources, Conservation and Recycling, 2021, 164, 105108.	5.3	37
6	Losses and lifetimes of metals in the economy. Nature Sustainability, 2022, 5, 717-726.	11.5	36
7	Modeling cumulative effects in life cycle assessment: The case of fertilizer in wheat production contributing to the global warming potential. Science of the Total Environment, 2014, 481, 588-595.	3.9	35
8	Review of life cycle assessment of nanomaterials in photovoltaics. Solar Energy, 2016, 133, 249-258.	2.9	34
9	Interaction of Copper-Based Nanoparticles to Soil, Terrestrial, and Aquatic Systems: Critical Review of the State of the Science and Future Perspectives. Reviews of Environmental Contamination and Toxicology, 2019, 252, 51-96.	0.7	33
10	Influence of scope definition in recycling rate calculation for European e-waste extended producer responsibility. Waste Management, 2019, 84, 256-268.	3.7	30
11	E-waste management and resources recovery in France. Waste Management and Research, 2015, 33, 919-929.	2.2	27
12	End-of-Life in industry 4.0: Ignored as before?. Resources, Conservation and Recycling, 2020, 154, 104539.	5.3	23
13	A review of LED lamp recycling process from the 10 R strategy perspective. Sustainable Production and Consumption, 2021, 28, 1178-1191.	5.7	19
14	Life Cycle Assessment of Aluminium Recycling Process: Case of Shredder Cables. Procedia CIRP, 2016, 48, 212-218.	1.0	18
15	Steel Stock Analysis in Europe from 1945 to 2013. Procedia CIRP, 2016, 48, 348-351.	1.0	17
16	Life cycle impact assessment methods for estimating the impacts of dissipative flows of metals. Journal of Industrial Ecology, 2021, 25, 1177-1193.	2.8	17
17	Towards integrating toxicity characterization into environmental studies: case study of bromine in soils. Environmental Science and Pollution Research, 2019, 26, 19814-19827.	2.7	15
18	Epistemic and Methodological Challenges of Dynamic Environmental Assessment: A Case-Study with Energy Production from Solar Cells. Key Engineering Materials, 0, 572, 535-538.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Decision Support Methodology for Designing Sustainable Recycling Process Based on ETV Standards. <i>Procedia Manufacturing</i> , 2017, 7, 72-78.	1.9	12
20	A regional approach for the calculation of characteristic toxicity factors using the USEtox model. <i>Science of the Total Environment</i> , 2019, 655, 676-683.	3.9	12
21	Aluminium cables recycling process: Environmental impacts identification and reduction. <i>Resources, Conservation and Recycling</i> , 2018, 135, 150-162.	5.3	11
22	Linkage of impact pathways to cultural perspectives to account for multiple aspects of mineral resource use in life cycle assessment. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105912.	5.3	10
23	A necessary step forward for proper non-energetic abiotic resource use consideration in life cycle assessment: The functional dissipation approach using dynamic material flow analysis data. <i>Resources, Conservation and Recycling</i> , 2019, 151, 104449.	5.3	9
24	The Innovation of the characterisation factor estimation for LCA in the USETOX model. <i>Journal of Cleaner Production</i> , 2020, 270, 122432.	4.6	9
25	Estimation of the Turkish Boron Exportation to Europe. <i>Mining</i> , 2022, 2, 155-169.	1.1	9
26	A method for choosing adapted life cycle assessment indicators as a driver of environmental learning: a French textile case study. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2020, 34, 68-79.	0.7	8
27	Impact of copper nanoparticles on porcine neutrophils: ultrasensitive characterization factor combining chemiluminescence information and USEtox assessment model. <i>Materials Today Communications</i> , 2017, 11, 68-75.	0.9	7
28	Functional Unit for Impact Assessment in the Mining Sector – Part 1. <i>Sustainability</i> , 2020, 12, 9313.	1.6	6
29	Life Cycle Assessment of Boron Industry from Mining to Refined Products. <i>Sustainability</i> , 2022, 14, 1787.	1.6	6
30	Small Household Equipment Toward Sustainability. <i>Procedia CIRP</i> , 2015, 30, 179-184.	1.0	4
31	Development of an Evaluation Tool for Engineering Sustainable Recycling Pathways. <i>Procedia CIRP</i> , 2018, 69, 781-786.	1.0	4
32	Abiotic Depletion of Boron: An Update Characterization Factors for CML 2002 and ReCiPe. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 435.	0.8	3
33	Freshwater Sediment Characterization Factors of Copper Oxide Nanoparticles. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 51, 012020.	0.2	2
34	Environmental evaluation of recycling technology and the impact of the transport of Aluminum cables. <i>Procedia Manufacturing</i> , 2019, 35, 103-111.	1.9	2
35	To transport waste or transport recycling plant: Insights from life-cycle analysis. <i>Materiaux Et Techniques</i> , 2017, 105, 516.	0.3	2
36	Influence of local geological data and geographical parameters to assess regional health impact in LCA. Tomsk oblast – Russian Federation application case. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	2

#	ARTICLE	IF	CITATIONS
37	New Technology to Improve the Efficiency of Photovoltaic Cells for Producing Energy. Procedia Manufacturing, 2017, 7, 358-363.	1.9	1
38	Sustainability Performance Evaluation for Selecting the Best Recycling Pathway During Its Design Phase. , 2018, , 11-19.		1
39	Influence of Dissolution on Fate of Nanoparticles in Freshwater. International Journal of Environmental Science and Development, 2017, 8, 347-354.	0.2	1
40	Dynamic environmental assessment: scenarios, foresight and challenges. , 2012, , 615-618.		1