Bertrand Laratte

List of Publications by Year
in descending order

40 papers	661 citations	516561 16 h-index	610775 24 g-index
42 all docs	42 docs citations	42 times ranked	790 citing authors

#	ARTICLE	IF	CITATIONS
1	Linkage of impact pathways to cultural perspectives to account for multiple aspects of mineral resource use in life cycle assessment. Resources, Conservation and Recycling, 2022, 176, 105912.	5.3	10
2	Life Cycle Assessment of Boron Industry from Mining to Refined Products. Sustainability, 2022, 14, 1787.	1.6	6
3	Abiotic Depletion of Boron: An Update Characterization Factors for CML 2002 and ReCiPe. Minerals (Basel, Switzerland), 2022, 12, 435.	0.8	3
4	Estimation of the Turkish Boron Exportation to Europe. Mining, 2022, 2, 155-169.	1.1	9
5	Losses and lifetimes of metals in the economy. Nature Sustainability, 2022, 5, 717-726.	11.5	36
6	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
7	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
8	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
9	A review of LED lamp recycling process from the 10 R strategy perspective. Sustainable Production and Consumption, 2021, 28, 1178-1191.	5.7	19
10	A method for choosing adapted life cycle assessment indicators as a driver of environmental learning: a French textile case study. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2020, 34, 68-79.	0.7	8
11	End-of-Life in industry 4.0: Ignored as before?. Resources, Conservation and Recycling, 2020, 154, 104539.	5.3	23
12	Functional Unit for Impact Assessment in the Mining Sector—Part 1. Sustainability, 2020, 12, 9313.	1.6	6
13	The Innovation of the characterisation factor estimation for LCA in the USETOX model. Journal of Cleaner Production, 2020, 270, 122432.	4.6	9
14	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
15	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. Resources, Conservation and Recycling, 2019, 151, 104449.	5.3	9
16	Environmental evaluation of recycling technology and the impact of the transport of Aluminum cables. Procedia Manufacturing, 2019, 35, 103-111.	1.9	2
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	A regional approach for the calculation of characteristic toxicity factors using the USEtox model. Science of the Total Environment, 2019, 655, 676-683.	3.9	12

#	Article	IF	Citations
19	Influence of scope definition in recycling rate calculation for European e-waste extended producer responsibility. Waste Management, 2019, 84, 256-268.	3.7	30
20	Development of an Evaluation Tool for Engineering Sustainable Recycling Pathways. Procedia CIRP, 2018, 69, 781-786.	1.0	4
21	Aluminium cables recycling process: Environmental impacts identification and reduction. Resources, Conservation and Recycling, 2018, 135, 150-162.	5.3	11
22	Sustainability Performance Evaluation for Selecting the Best Recycling Pathway During Its Design Phase. , 2018, , 11-19.		1
23	New Technology to Improve the Efficiency of Photovoltaic Cells for Producing Energy. Procedia Manufacturing, 2017, 7, 358-363.	1.9	1
24	Decision Support Methodology for Designing Sustainable Recycling Process Based on ETV Standards. Procedia Manufacturing, 2017, 7, 72-78.	1.9	12
25	Impact of copper nanoparticles on porcine neutrophils: ultrasensitive characterization factor combining chemiluminescence information and USEtox assessment model. Materials Today Communications, 2017, 11, 68-75.	0.9	7
26	Freshwater Sediment Characterization Factors of Copper Oxide Nanoparticles. IOP Conference Series: Earth and Environmental Science, 2017, 51, 012020.	0.2	2
27	Influence of Dissolution on Fate of Nanoparticles in Freshwater. International Journal of Environmental Science and Development, 2017, 8, 347-354.	0.2	1
28	To transport waste or transport recycling plant: Insights from life-cycle analysis. Materiaux Et Techniques, 2017, 105, 516.	0.3	2
29	Review of life cycle assessment of nanomaterials in photovoltaics. Solar Energy, 2016, 133, 249-258.	2.9	34
30	Steel Stock Analysis in Europe from 1945 to 2013. Procedia CIRP, 2016, 48, 348-351.	1.0	17
31	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
32	Life Cycle Assessment of Aluminium Recycling Process: Case of Shredder Cables. Procedia CIRP, 2016, 48, 212-218.	1.0	18
33	Methods for land use impact assessment: A review. Environmental Impact Assessment Review, 2016, 60, 64-74.	4.4	45
34	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
35	Small Household Equipment Toward Sustainability. Procedia CIRP, 2015, 30, 179-184.	1.0	4
36	E-waste management and resources recovery in France. Waste Management and Research, 2015, 33, 919-929.	2.2	27

#	ARTICLE	IF	CITATIONS
37	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
38	Dynamic environmental assessment: scenarios, foresight and challenges. , 2012, , 615-618.		1
39	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
40	Influence of local geological data and geographical parameters to assess regional health impact in LCA. Tomsk oblastâ€™, Russian Federation application case. Environmental Science and Pollution Research, 0, , .	2.7	2