

# Luz Selene Buller

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

237  
citations

10  
h-index

14  
g-index

25  
ext. papers

385  
ext. citations

6.4  
avg, IF

3.99  
L-index

#	Paper	IF	Citations
25	Techno-economic evaluation of bioenergy production from anaerobic digestion of by-products from ethanol flex plants. <i>Fuel</i> , <b>2022</b> , 309, 122171	7.1	9
24	Sustainable production of bioactive compounds from jaboticaba ( <i>Myrciaria cauliflora</i> ): A bibliometric analysis of scientific research over the last 21 years. <i>Sustainable Chemistry and Pharmacy</i> , <b>2022</b> , 27, 100656	3.9	0
23	Cost analysis of subcritical water pretreatment of sugarcane straw and bagasse for second-generation bioethanol production: a case study in a sugarcane mill. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2022</b> , 16, 435-450	5.3	2
22	Ultrasonic pretreatment of brewers spent grains for anaerobic digestion: Biogas production for a sustainable industrial development. <i>Journal of Cleaner Production</i> , <b>2022</b> , 131802	10.3	2
21	Foresight for Corn-to-Ethanol Mills in the Southern Brazilian Amazon: Energy, Economic and Environmental Analysis. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106740	6.8	0
20	Sustainable development in the Legal Amazon: energy recovery from almond seeds. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2021</b> , 15, 1174	5.3	3
19	Techno-economic assessment of bioenergy and fertilizer production by anaerobic digestion of brewer spent grains in a biorefinery concept. <i>Journal of Cleaner Production</i> , <b>2021</b> , 297, 126600	10.3	24
18	Waste management and bioenergy recovery from almond processing in the Brazilian Amazonian region: a perspective for a circular economy. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2021</b> , 15, 37-46	5.3	10
17	A spatially explicit assessment of sugarcane vinasse as a sustainable by-product. <i>Science of the Total Environment</i> , <b>2021</b> , 765, 142717	10.2	11
16	Sequential hydrothermal process for production of flavanones and sugars from orange peel: an economic assessment. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2021</b> , 15, 202-217	5.3	7
15	Valorization of Macauba husks from biodiesel production using subcritical water hydrolysis pretreatment followed by anaerobic digestion. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105656	6.8	6
14	Techno-economic assessment of subcritical water hydrolysis process for sugars production from brewer spent grains. <i>Industrial Crops and Products</i> , <b>2021</b> , 171, 113836	5.9	6
13	Two-stage anaerobic digestion of orange peel without pre-treatment: Experimental evaluation and application to S Paulo state. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104035	6.8	13
12	An overview of subcritical and supercritical water treatment of different biomasses for protein and amino acids production and recovery. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104406	6.8	15
11	Bioenergy production from orange industrial waste: a case study. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2020</b> , 14, 1239-1253	5.3	13
10	Environmental impact assessment of end-uses of biomethane. <i>Journal of Cleaner Production</i> , <b>2019</b> , 230, 613-621	10.3	27
9	Energy and emergy analysis for assessing changes in Polish agriculture since the accession to the European Union. <i>Ecological Modelling</i> , <b>2019</b> , 412, 108819	3	10

8	An integrated approach to explore UASB reactors for energy recycling in pulp and paper industry: a case study in Brazil. <i>Biofuel Research Journal</i> , <b>2019</b> , 6, 1039-1045	13.9	8
7	Soil Loss as a Negative Externality in the Emergy Accounting: Case Study of an Agricultural Commodities Municipality in the Brazilian Savannah. <i>Journal of Environmental Accounting and Management</i> , <b>2016</b> , 4, 129-147	2	3
6	Soil improvement and mitigation of greenhouse gas emissions for integrated crop-livestock systems: Case study assessment in the Pantanal savanna highland, Brazil. <i>Agricultural Systems</i> , <b>2015</b> , 137, 206-219	6.1	31
5	Sustainability assessment of water hyacinth fast pyrolysis in the Upper Paraguay River basin, Brazil. <i>Science of the Total Environment</i> , <b>2015</b> , 532, 281-91	10.2	9
4	Historical Land-Use Changes in Sã Gabriel do Oeste at the Upper Taquari River Basin. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 191-208	0.8	3
3	Dynamic emergy valuation of water hyacinth biomass in wetlands: an ecological approach. <i>Journal of Cleaner Production</i> , <b>2013</b> , 54, 177-187	10.3	16
2	Dry Anaerobic Digestion of Food Industry by-Products and Bioenergy Recovery: A Perspective to Promote the Circular Economy Transition. <i>Waste and Biomass Valorization</i> , 1	3.2	2
1	MacaBã world scenario: a bibliometric analysis. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	7