

# Cassiano Moro Piekarski

## 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.

50  
papers

805  
citations

17  
h-index

26  
g-index

61  
ext. papers

1,154  
ext. citations

5  
avg, IF

5.2  
L-index

#	Paper	IF	Citations
50	Utilization of Biogas from Solid Waste in the Production of Biomethane and Its Use as Biofuel in the Transport Sector <b>2022</b> , 2169-2195		
49	Life cycle assessment as a guide for designing circular business models in the wood panel industry: A critical review. <i>Journal of Cleaner Production</i> , <b>2022</b> , 131729	10.3	1
48	Circular economy strategies on business modelling: Identifying the greatest influences. <i>Journal of Cleaner Production</i> , <b>2021</b> , 299, 126918	10.3	18
47	Circular economy as a driver to sustainable businesses. <i>Cleaner Environmental Systems</i> , <b>2021</b> , 2, 100006	2	25
46	Forming clusters based on strategic partnerships and circular economy for biogas production: A GIS analysis for optimal location. <i>Biomass and Bioenergy</i> , <b>2021</b> , 150, 106097	5.3	7
45	Key aspects for designing business models for a circular bioeconomy. <i>Journal of Cleaner Production</i> , <b>2021</b> , 278, 124341	10.3	39
44	The knowledge discovery in databases approach: identifying variables that influence ISO 9001 and ISO 14001 certifications. <i>Journal of Environmental Planning and Management</i> , <b>2021</b> , 64, 1271-1290	2.8	
43	Socioeconomic and Environmental Aspects of the Production of Silk Cocoons in the Brazilian Sericulture <b>2021</b> , 1-23		
42	Utilization of Biogas from Solid Waste in the Production of Biomethane and Its Use as Biofuel in the Transport Sector <b>2021</b> , 1-27		
41	Incorporating Consumer Perspective into the Value Creation Process in the Fashion Industry: A Path to Circularity <b>2021</b> , 239-255		
40	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies. <i>International Journal of Life Cycle Assessment</i> , <b>2021</b> , 26, 244-274	4.6	15
39	Towards a green and fast production system: Integrating life cycle assessment and value stream mapping for decision making. <i>Environmental Impact Assessment Review</i> , <b>2021</b> , 87, 106519	5.3	11
38	Recent developments in bio-based adhesives from renewable natural resources. <i>Journal of Cleaner Production</i> , <b>2021</b> , 314, 127892	10.3	13
37	Biodigester location problems, its economic, environmental, social aspects and techniques: Areas yet to be explored. <i>Energy Reports</i> , <b>2021</b> , 7, 3998-4008	4.6	1
36	Knowledge and technology transfer in sustainability reports: Fomenting stakeholder engagement for sustainable development. <i>Corporate Social Responsibility and Environmental Management</i> , <b>2021</b> , 28, 251-264	7	0
35	Mapping of research lines on circular economy practices in agriculture: From waste to energy. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 131, 109958	16.2	70
34	The interaction between knowledge management and technology transfer: a current literature review between 2013 and 2018. <i>Journal of Technology Transfer</i> , <b>2020</b> , 45, 1585-1606	4.4	8

33	Temporal Comparative Analysis of Industrial Symbiosis in a Business Network: Opportunities of Circular Economy. <i>Sustainability</i> , <b>2020</b> , 12, 1832	3.6	8
32	An Environmental and Operational Analysis of Quality Function Deployment-Based Methods. <i>Sustainability</i> , <b>2020</b> , 12, 3486	3.6	7
31	Circular economy in the pig farming chain: Proposing a model for measurement. <i>Journal of Cleaner Production</i> , <b>2020</b> , 260, 121003	10.3	13
30	Past and future of Social Life Cycle Assessment: Historical evolution and research trends. <i>Journal of Cleaner Production</i> , <b>2020</b> , 264, 121506	10.3	47
29	Life cycle assessment of traditional and alternative bricks: A review. <i>Environmental Impact Assessment Review</i> , <b>2020</b> , 80, 106335	5.3	28
28	Eco-efficiency of the differential ratio change in a heavy-duty vehicle and implications for the automotive industry. <i>Sustainable Production and Consumption</i> , <b>2020</b> , 21, 145-155	8.2	4
27	Sustainability of sugarcane lignocellulosic biomass pretreatment for the production of bioethanol. <i>Bioresource Technology</i> , <b>2020</b> , 299, 122635	11	44
26	Circular business models: Current aspects that influence implementation and unaddressed subjects. <i>Journal of Cleaner Production</i> , <b>2020</b> , 250, 119555	10.3	52
25	Sustainability at a Brazilian university: developing environmentally sustainable practices and a life cycle assessment case study. <i>International Journal of Sustainability in Higher Education</i> , <b>2020</b> , 21, 841-859 <sup>3.9</sup>	3.9	17
24	Life cycle assessment of electricity generation: a review of the characteristics of existing literature. <i>International Journal of Life Cycle Assessment</i> , <b>2020</b> , 25, 36-54	4.6	17
23	Sustainable development and economic performance: Gaps and trends for future research. <i>Sustainable Development</i> , <b>2020</b> , 28, 368-384	6.7	15
22	Life cycle assessment of electricity from biogas: A systematic literature review. <i>Environmental Progress and Sustainable Energy</i> , <b>2019</b> , 38, 13133	2.5	20
21	Data Mining and Machine Learning to Promote Smart Cities: A Systematic Review from 2000 to 2018. <i>Sustainability</i> , <b>2019</b> , 11, 1077	3.6	42
20	Why using different Life Cycle Assessment software tools can generate different results for the same product system? A cause-effect analysis of the problem. <i>Sustainable Production and Consumption</i> , <b>2019</b> , 20, 304-315	8.2	23
19	Data mining and machine learning in the context of sustainable evaluation: a literature review. <i>IEEE Latin America Transactions</i> , <b>2019</b> , 17, 372-382	0.7	7
18	Circular Economy Practices on Wood Panels: A Bibliographic Analysis. <i>Sustainability</i> , <b>2019</b> , 11, 1057	3.6	27
17	LCA and ecodesign teaching via university-industry cooperation. <i>International Journal of Sustainability in Higher Education</i> , <b>2019</b> , 20, 1061-1079	3.9	14
16	How to identify opportunities for improvement in the use of reverse logistics in clothing industries? A case study in a Brazilian cluster. <i>Journal of Cleaner Production</i> , <b>2019</b> , 210, 612-619	10.3	16

15	Mapping of main research lines concerning life cycle studies on packaging systems in Brazil and in the world. <i>International Journal of Life Cycle Assessment</i> , <b>2019</b> , 24, 1429-1443	4.6	11
14	Integrating life cycle assessment in the product development process: A methodological approach. <i>Journal of Cleaner Production</i> , <b>2018</b> , 193, 28-42	10.3	24
13	Carbon Footprint of Electricity Generation in Brazil: An Analysis of the 2016-2026 Period. <i>Energies</i> , <b>2018</b> , 11, 1412	3.1	21
12	Carbon footprint of transportation habits in a Brazilian university. <i>Environmental Quality Management</i> , <b>2018</b> , 28, 139-148	0.8	12
11	Life cycle assessment of medium-density fiberboard (MDF) manufacturing process in Brazil. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 103-111	10.2	40
10	Life Cycle Analysis of Charcoal Production in Masonry Kilns with and without Carbonization Process Generated Gas Combustion. <i>Sustainability</i> , <b>2017</b> , 9, 1558	3.6	15
9	Approach of the Two-way Influence Between Lean and Green Manufacturing and its Connection to Related Organisational Areas. <i>International Journal of Production Management and Engineering</i> , <b>2017</b> , 5, 73	0.4	10
8	Proposed model for assessing the contribution of the indicators obtained from the analysis of life-cycle inventory to the generation of industry innovation. <i>Journal of Cleaner Production</i> , <b>2015</b> , 96, 339-348	10.3	19
7	Environmental profile analysis of MDF panels production: study in a brazilian technological condition. <i>Cerne</i> , <b>2014</b> , 20, 409-418	0.7	9
6	LIFE CYCLE ASSESSMENT (LCA) AS A TOOL FOR BUSINESS STRATEGY. <i>Independent Journal of Management &amp; Production</i> , <b>2014</b> , 5,	1.2	3
5	Life Cycle Assessment as Entrepreneurial Tool for Business Management and Green Innovations. <i>Journal of Technology Management and Innovation</i> , <b>2013</b> , 8, 44-53	1.4	20
4	Geographical indications contributions for Brazilian agribusiness development. <i>African Journal of Agricultural Research Vol Pp</i> , <b>2013</b> , 8, 2080-2085	0.5	4
3	Advances and challenges on the technologies and applications of biomethane. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 1-11	1.6	1
2	Benefits and barriers for the production and use of biomethane. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 1-17	1.6	
1	Challenges and opportunities for problem-based learning in higher education: Lessons from a cross-program industry 4.0 case. <i>Industry and Higher Education</i> , 095042222211003	1.3	2