

Cassiano Moro Piekarski

List of Publications by Citations

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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	Mapping of research lines on circular economy practices in agriculture: From waste to energy. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 131, 109958	16.2	70
49	Circular business models: Current aspects that influence implementation and unaddressed subjects. <i>Journal of Cleaner Production</i> , 2020 , 250, 119555	10.3	52
48	Past and future of Social Life Cycle Assessment: Historical evolution and research trends. <i>Journal of Cleaner Production</i> , 2020 , 264, 121506	10.3	47
47	Sustainability of sugarcane lignocellulosic biomass pretreatment for the production of bioethanol. <i>Bioresource Technology</i> , 2020 , 299, 122635	11	44
46	Data Mining and Machine Learning to Promote Smart Cities: A Systematic Review from 2000 to 2018. <i>Sustainability</i> , 2019 , 11, 1077	3.6	42
45	Life cycle assessment of medium-density fiberboard (MDF) manufacturing process in Brazil. <i>Science of the Total Environment</i> , 2017 , 575, 103-111	10.2	40
44	Key aspects for designing business models for a circular bioeconomy. <i>Journal of Cleaner Production</i> , 2021 , 278, 124341	10.3	39
43	Life cycle assessment of traditional and alternative bricks: A review. <i>Environmental Impact Assessment Review</i> , 2020 , 80, 106335	5.3	28
42	Circular Economy Practices on Wood Panels: A Bibliographic Analysis. <i>Sustainability</i> , 2019 , 11, 1057	3.6	27
41	Circular economy as a driver to sustainable businesses. <i>Cleaner Environmental Systems</i> , 2021 , 2, 100006	2	25
40	Integrating life cycle assessment in the product development process: A methodological approach. <i>Journal of Cleaner Production</i> , 2018 , 193, 28-42	10.3	24
39	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> , 2019 , 20, 304-315	8.2	23
38	Carbon Footprint of Electricity Generation in Brazil: An Analysis of the 2016-2026 Period. <i>Energies</i> , 2018 , 11, 1412	3.1	21
37	Life cycle assessment of electricity from biogas: A systematic literature review. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, 13133	2.5	20
36	Life Cycle Assessment as Entrepreneurial Tool for Business Management and Green Innovations. <i>Journal of Technology Management and Innovation</i> , 2013 , 8, 44-53	1.4	20
35	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> , 2015 , 96, 339-348	10.3	19
34	Circular economy strategies on business modelling: Identifying the greatest influences. <i>Journal of Cleaner Production</i> , 2021 , 299, 126918	10.3	18

33	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> , 2020 , 21, 841-859 ^{3.9}	17
32	Life cycle assessment of electricity generation: a review of the characteristics of existing literature. <i>International Journal of Life Cycle Assessment</i> , 2020 , 25, 36-54	4.6 17
31	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> , 2019 , 210, 612-619	10.3 16
30	Life Cycle Analysis of Charcoal Production in Masonry Kilns with and without Carbonization Process Generated Gas Combustion. <i>Sustainability</i> , 2017 , 9, 1558	3.6 15
29	Sustainable development and economic performance: Gaps and trends for future research. <i>Sustainable Development</i> , 2020 , 28, 368-384	6.7 15
28	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies. <i>International Journal of Life Cycle Assessment</i> , 2021 , 26, 244-274	4.6 15
27	LCA and ecodesign teaching via university-industry cooperation. <i>International Journal of Sustainability in Higher Education</i> , 2019 , 20, 1061-1079	3.9 14
26	Circular economy in the pig farming chain: Proposing a model for measurement. <i>Journal of Cleaner Production</i> , 2020 , 260, 121003	10.3 13
25	Recent developments in bio-based adhesives from renewable natural resources. <i>Journal of Cleaner Production</i> , 2021 , 314, 127892	10.3 13
24	Carbon footprint of transportation habits in a Brazilian university. <i>Environmental Quality Management</i> , 2018 , 28, 139-148	0.8 12
23	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> , 2019 , 24, 1429-1443	4.6 11
22	Towards a green and fast production system: Integrating life cycle assessment and value stream mapping for decision making. <i>Environmental Impact Assessment Review</i> , 2021 , 87, 106519	5.3 11
21	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> , 2017 , 5, 73	0.4 10
20	Environmental profile analysis of MDF panels production: study in a brazilian technological condition. <i>Cerne</i> , 2014 , 20, 409-418	0.7 9
19	The interaction between knowledge management and technology transfer: a current literature review between 2013 and 2018. <i>Journal of Technology Transfer</i> , 2020 , 45, 1585-1606	4.4 8
18	Temporal Comparative Analysis of Industrial Symbiosis in a Business Network: Opportunities of Circular Economy. <i>Sustainability</i> , 2020 , 12, 1832	3.6 8
17	An Environmental and Operational Analysis of Quality Function Deployment-Based Methods. <i>Sustainability</i> , 2020 , 12, 3486	3.6 7
16	Data mining and machine learning in the context of sustainable evaluation: a literature review. <i>IEEE Latin America Transactions</i> , 2019 , 17, 372-382	0.7 7

15	Forming clusters based on strategic partnerships and circular economy for biogas production: A GIS analysis for optimal location. <i>Biomass and Bioenergy</i> , 2021 , 150, 106097	5.3	7
14	Geographical indications contributions for Brazilian agribusiness development. <i>African Journal of Agricultural Research Vol Pp</i> , 2013 , 8, 2080-2085	0.5	4
13	Eco-efficiency of the differential ratio change in a heavy-duty vehicle and implications for the automotive industry. <i>Sustainable Production and Consumption</i> , 2020 , 21, 145-155	8.2	4
12	LIFE CYCLE ASSESSMENT (LCA) AS A TOOL FOR BUSINESS STRATEGY. <i>Independent Journal of Management & Production</i> , 2014 , 5,	1.2	3
11	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
10	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
9	Biodigester location problems, its economicEnvironmentalSocial aspects and techniques: Areas yet to be explored. <i>Energy Reports</i> , 2021 , 7, 3998-4008	4.6	1
8	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> , 2022 , 131729	10.3	1
7	Knowledge and technology transfer in sustainability reports: Fomenting stakeholder engagement for sustainable development. <i>Corporate Social Responsibility and Environmental Management</i> , 2021 , 28, 251-264	7	0
6	Utilization of Biogas from Solid Waste in the Production of Biomethane and Its Use as Biofuel in the Transport Sector 2022 , 2169-2195		
5	The knowledge discovery in databases approach: identifying variables that influence ISO 9001 and ISO 14001 certifications. <i>Journal of Environmental Planning and Management</i> , 2021 , 64, 1271-1290	2.8	
4	Socioeconomic and Environmental Aspects of the Production of Silk Cocoons in the Brazilian Sericulture 2021 , 1-23		
3	Utilization of Biogas from Solid Waste in the Production of Biomethane and Its Use as Biofuel in the Transport Sector 2021 , 1-27		
2	Incorporating Consumer Perspective into the Value Creation Process in the Fashion Industry: A Path to Circularity 2021 , 239-255		
1	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	