

Daniela Cristina Antelmi Pigosso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1089801/publications.pdf>

Version: 2024-02-01

70
papers

3,840
citations

172207

29
h-index

128067

60
g-index

74
all docs

74
docs citations

74
times ranked

2390
citing authors

#	ARTICLE	IF	CITATIONS
1	Business model innovation for circular economy and sustainability: A review of approaches. Journal of Cleaner Production, 2019, 215, 198-216.	4.6	558
2	Circular business models: A review. Journal of Cleaner Production, 2020, 277, 123741.	4.6	317
3	The Emergent Role of Digital Technologies in the Circular Economy: A Review. Procedia CIRP, 2017, 64, 19-24.	1.0	279
4	Product/Service-Systems for a Circular Economy: The Route to Decoupling Economic Growth from Resource Consumption?. Journal of Industrial Ecology, 2019, 23, 22-35.	2.8	243
5	Ecodesign maturity model: a management framework to support ecodesign implementation into manufacturing companies. Journal of Cleaner Production, 2013, 59, 160-173.	4.6	208
6	Ecodesign methods focused on remanufacturing. Journal of Cleaner Production, 2010, 18, 21-31.	4.6	185
7	Developing a circular strategies framework for manufacturing companies to support circular economy-oriented innovation. Journal of Cleaner Production, 2019, 241, 118271.	4.6	157
8	Circular Economy in the WEEE industry: a systematic literature review and a research agenda. Sustainable Production and Consumption, 2020, 23, 174-188.	5.7	120
9	Towards the ex-ante sustainability screening of circular economy initiatives in manufacturing companies: Consolidation of leading sustainability-related performance indicators. Journal of Cleaner Production, 2019, 241, 118318.	4.6	119
10	Towards product-service system oriented to circular economy: A systematic review of value proposition design approaches. Journal of Cleaner Production, 2020, 257, 120507.	4.6	119
11	Guidelines for evaluating the environmental performance of Product/Service-Systems through life cycle assessment. Journal of Cleaner Production, 2018, 190, 666-678.	4.6	108
12	Defining the challenges for ecodesign implementation in companies: Development and consolidation of a framework. Journal of Cleaner Production, 2016, 135, 410-425.	4.6	96
13	Enablers, levers and benefits of Circular Economy in the Electrical and Electronic Equipment supply chain: a literature review. Journal of Cleaner Production, 2021, 298, 126819.	4.6	91
14	Circular economy business model innovation: Sectorial patterns within manufacturing companies. Journal of Cleaner Production, 2021, 286, 124921.	4.6	73
15	Process-related key performance indicators for measuring sustainability performance of ecodesign implementation into product development. Journal of Cleaner Production, 2016, 139, 416-428.	4.6	72
16	Configuring New Business Models for Circular Economy through Product-Service Systems. Sustainability, 2019, 11, 3727.	1.6	69
17	Moulded Pulp Manufacturing: Overview and Prospects for the Process Technology. Packaging Technology and Science, 2017, 30, 231-249.	1.3	64
18	From theory to practice: systematising and testing business model archetypes for circular economy. Resources, Conservation and Recycling, 2020, 162, 105029.	5.3	61

#	ARTICLE	IF	CITATIONS
19	The rebound effect of circular economy: Definitions, mechanisms and a research agenda. Journal of Cleaner Production, 2022, 345, 131136.	4.6	60
20	Product/Service-System Origins and Trajectories: A Systematic Literature Review of PSS Definitions and their Characteristics. Procedia CIRP, 2017, 64, 157-162.	1.0	50
21	Maturity-based approach for the development of environmentally sustainable product/service-systems. CIRP Journal of Manufacturing Science and Technology, 2016, 15, 33-41.	2.3	49
22	Leading product-related environmental performance indicators: a selection guide and database. Journal of Cleaner Production, 2015, 108, 321-330.	4.6	47
23	Making the transition to a Circular Economy within manufacturing companies: the development and implementation of a self-assessment readiness tool. Sustainable Production and Consumption, 2021, 28, 346-358.	5.7	46
24	Measuring the implementation of ecodesign management practices: A review and consolidation of process-oriented performance indicators. Journal of Cleaner Production, 2017, 156, 293-309.	4.6	39
25	Sustainable Qualifying Criteria for Designing Circular Business Models. Procedia CIRP, 2018, 69, 799-804.	1.0	38
26	Evaluating the Environmental Performance of a Product/Service-System Business Model for Merino Wool Next-to-Skin Garments: The Case of Armadillo Merino®. Sustainability, 2019, 11, 5854.	1.6	38
27	Exploring Circular Strategy Combinations - towards Understanding the Role of PSS. Procedia CIRP, 2018, 69, 752-757.	1.0	36
28	A Procedure to Support Systematic Selection of Leading Indicators for Sustainability Performance Measurement of Circular Economy Initiatives. Sustainability, 2020, 12, 951.	1.6	36
29	An expert system for circular economy business modelling: advising manufacturing companies in decoupling value creation from resource consumption. Sustainable Production and Consumption, 2021, 27, 534-550.	5.7	34
30	Towards the Smart Circular Economy Paradigm: A Definition, Conceptualization, and Research Agenda. Sustainability, 2022, 14, 4960.	1.6	32
31	Measuring the Readiness of SMEs for Eco-Innovation and Industrial Symbiosis: Development of a Screening Tool. Sustainability, 2018, 10, 2861.	1.6	30
32	Enabling circular strategies with different types of product/service-systems. Procedia CIRP, 2018, 73, 179-184.	1.0	26
33	Supporting the Development of Environmentally Sustainable PSS by Means of the Ecodesign Maturity Model. Procedia CIRP, 2015, 30, 173-178.	1.0	23
34	From Ecodesign to Sustainable Product/Service-Systems: A Journey Through Research Contributions over Recent Decades. Sustainable Production, Life Cycle Engineering and Management, 2017, , 99-111.	0.2	22
35	Circularity Evaluation of Alternative Concepts During Early Product Design and Development. Sustainability, 2020, 12, 9353.	1.6	22
36	Implications of developing a tool for sustainability screening of circular economy initiatives. Procedia CIRP, 2019, 80, 625-630.	1.0	20

#	ARTICLE	IF	CITATIONS
37	Can the choice of eco-design principles affect products' success?. Design Science, 2019, 5, .	1.1	19
38	Potential of circular economy implementation in the mechatronics industry: An exploratory research. Journal of Cleaner Production, 2019, 239, 118014.	4.6	18
39	To what extent do circular economy indicators capture sustainability?. Procedia CIRP, 2020, 90, 31-36.	1.0	18
40	Developing a process model for circular economy business model innovation within manufacturing companies. Journal of Cleaner Production, 2021, 299, 126785.	4.6	18
41	A Trade-Off Navigation Framework as a Decision Support for Conflicting Sustainability Indicators within Circular Economy Implementation in the Manufacturing Industry. Sustainability, 2021, 13, 314.	1.6	16
42	The Deployment of Product-Related Environmental Legislation into Product Requirements. Sustainability, 2016, 8, 332.	1.6	14
43	Analysis of national policies for Circular Economy transitions: Modelling and simulating the Brazilian industrial agreement for electrical and electronic equipment. Waste Management, 2022, 138, 59-74.	3.7	14
44	Servitization maturity model: developing distinctive capabilities for successful servitization in manufacturing companies. Journal of Manufacturing Technology Management, 2022, 33, 61-87.	3.3	13
45	Circular economy enabled by additive manufacturing: potential opportunities and key sustainability aspects. , 2020, , .		10
46	Ecodesign Implementation and LCA. , 2018, , 545-576.		9
47	Evaluating the Potential Business Benefits of Ecodesign Implementation: A Logic Model Approach. Sustainability, 2018, 10, 2011.	1.6	9
48	Business Model Innovation for Circular Economy: Integrating Literature and Practice into a Conceptual Process Model. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2517-2526.	0.6	9
49	Sustainable Product Design Education: Current Practice. She Ji, 2021, 7, 611-637.	0.6	9
50	Å-kodesign. , 2021, , 975-1021.		8
51	COMPARING LIFE CYCLE IMPACT ASSESSMENT, CIRCULARITY AND SUSTAINABILITY INDICATORS FOR SUSTAINABLE DESIGN: RESULTS FROM A HANDS-ON PROJECT WITH 87 ENGINEERING STUDENTS. Proceedings of the Design Society, 2021, 1, 681-690.	0.5	7
52	Business cases for ecodesign implementation: a simulation-based framework. Journal of Cleaner Production, 2019, 234, 1045-1058.	4.6	6
53	Strategic Development of Product-Service Systems (PSS) through Archetype Assessment. Sustainability, 2021, 13, 2592.	1.6	6
54	Creativity in successful eco-design supported by ten original guidelines. International Journal of Design Creativity and Innovation, 2021, 9, 193-216.	0.8	6

#	ARTICLE	IF	CITATIONS
55	EXPLORING THE SYNERGISTIC RELATIONSHIPS OF CIRCULAR BUSINESS MODEL DEVELOPMENT AND PRODUCT DESIGN. , 0, , .		6
56	Designing Take-Back for Single Use Medical Devices: The Case of ReturpenTM. Journal of Diabetes Science and Technology, 2022, 16, 1363-1369.	1.3	6
57	Environmental Lifecycle Hotspots and the Implementation of Eco-design Principles: Does Consistency Pay off?. Smart Innovation, Systems and Technologies, 2019, , 165-176.	0.5	5
58	Circular Economy in the Digital Age. Sustainability, 2022, 14, 5565.	1.6	5
59	Integrating Product and Technology Development: A Proposed Reference Model for Dual Innovation. Procedia CIRP, 2016, 50, 32-37.	1.0	4
60	Improving Environmental Performance of Products by Integrating Ecodesign Methods and Tools into a Reference Model for New Product Development. , 2007, , 355-362.		3
61	Biologically inspired design for environment. , 2020, , .		3
62	Simulation-Based Business Case for PSS: A System Dynamics Framework. Procedia CIRP, 2017, 64, 283-288.	1.0	2
63	Nexus Between Life Cycle Assessment, Circularity and Sustainability Indicators”Part II: Experimentations. Circular Economy and Sustainability, 2022, 2, 1399-1424.	3.3	2
64	Product Ecodesign. , 2021, , 169-204.		1
65	A LOOK INTO CIRCULAR ECONOMY RESEARCH: EXPLORING THE BIO AND TECHNO CYCLES AND THE NEED FOR DUAL CIRCULARITY. Proceedings of the Design Society, 2021, 1, 121-130.	0.5	1
66	INVESTIGATING DRIVERS AND BARRIERS FOR THE DEVELOPMENT OF PRODUCT-SERVICE SYSTEMS IN CAPITAL GOODS MANUFACTURING COMPANIES. Proceedings of the Design Society, 2021, 1, 1927-1936.	0.5	1
67	LINKING ECODESIGN CAPABILITIES TO CORPORATE PERFORMANCE: PROPOSAL OF A SIMULATION-BASED APPROACH. , 0, , .		1
68	DESIGN FOR SUSTAINABLE BEHAVIOUR IN PRODUCT/SERVICE SYSTEMS - A SYSTEMATIC REVIEW. Proceedings of the Design Society, 2021, 1, 1033-1042.	0.5	0
69	Ecodesign Maturity Model: the Ecodesign Practices. , 2012, , 424-429.		0
70	Systematic Approach to Formulate PSS Development Project Proposals in the Fuzzy Front End. Lecture Notes in Production Engineering, 2013, , 121-130.	0.3	0