

Ana Beatriz Lopes de Sousa Jabbour

List of Publications by Year in Descending Order

Source:

<https://exaly.com/author-pdf/681164/ana-beatriz-lopes-de-sousa-jabbour-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

137
papers

5,850
citations

37
h-index

74
g-index

149
ext. papers

7,621
ext. citations

5.4
avg, IF

6.74
L-index

#	Paper	IF	Citations
137	Supply Chain Management during and post-COVID-19 Pandemic: Mitigation Strategies and Practical Lessons Learned.. <i>Journal of Business Research</i> , 2022 ,	8.7	23
136	Factors affecting carbon emissions in emerging economies in the context of a green recovery: Implications for sustainable development goals. <i>Technological Forecasting and Social Change</i> , 2022 , 176, 121417	9.5	11
135	Circular economy-based new products and company performance: The role of stakeholders and Industry 4.0 technologies. <i>Business Strategy and the Environment</i> , 2022 , 31, 483	8.6	6
134	What Makes You a Whistleblower? A Multi-Country Field Study on the Determinants of the Intention to Report Wrongdoing.. <i>Journal of Business Ethics</i> , 2022 , 1-21	4.3	0
133	The role of digital technologies to unleash a green recovery: pathways and pitfalls to achieve the European Green Deal. <i>Journal of Enterprise Information Management</i> , 2022 , 35, 266-294	4.4	0
132	A scenario-based experimental study of buyer supplier relationship commitment in the context of a psychological contract breach: Implications for supply chain management. <i>International Journal of Production Economics</i> , 2022 , 108503	9.3	0
131	Digital technologies and green human resource management: Capabilities for GSCM adoption and enhanced performance. <i>International Journal of Production Economics</i> , 2022 , 108531	9.3	0
130	The role of ecological modernization principles in advancing circular economy practices: lessons from the brewery sector. <i>Benchmarking</i> , 2021 , ahead-of-print,	4	4
129	An original information entropy-based quantitative evaluation model for low-carbon operations in an emerging market. <i>International Journal of Production Economics</i> , 2021 , 234, 108061	9.3	3
128	Green marketing in supermarkets: Conventional and digitized marketing alternatives to reduce waste. <i>Journal of Cleaner Production</i> , 2021 , 296, 126531	10.3	17
127	The journey towards sustainable product development: why are some manufacturing companies better than others at product innovation?. <i>Technovation</i> , 2021 , 103, 102239	7.9	6
126	Tackling post-pandemic challenges with digital technologies: an empirical study. <i>Journal of Enterprise Information Management</i> , 2021 , ahead-of-print,	4.4	8
125	Integrated technologies toward sustainable agriculture supply chains: missing links. <i>Journal of Enterprise Information Management</i> , 2021 , ahead-of-print,	4.4	4
124	A framework to assess sustaining continuous improvement in lean healthcare. <i>International Journal of Production Research</i> , 2021 , 59, 2885-2904	7.8	7
123	Sustainable manufacturing and green human resources: Critical success factors in the automotive sector. <i>Business Strategy and the Environment</i> , 2021 , 30, 1296-1313	8.6	4
122	To Blow or Not to Blow the Whistle: The Role of Rationalization in the Perceived Seriousness of Threats and Wrongdoing. <i>Journal of Business Ethics</i> , 2021 , 169, 517-535	4.3	7
121	The human side of humanitarian supply chains: a research agenda and systematization framework. <i>Annals of Operations Research</i> , 2021 , 1-26	3.2	5

120	Assessment of key socio-economic and environmental challenges in the mining industry: Implications for resource policies in emerging economies. <i>Sustainable Production and Consumption</i> , 2021 , 27, 814-830	8.2	9
119	Circular economy indicators and levels of innovation: an innovative systematic literature review. <i>International Journal of Productivity and Performance Management</i> , 2021 , ahead-of-print,	2.3	3
118	Circular economy practices in a developing economy: Barriers to be defeated. <i>Journal of Cleaner Production</i> , 2021 , 311, 127670	10.3	17
117	Moving the circular economy forward in the mining industry: Challenges to closed-loop in an emerging economy. <i>Resources Policy</i> , 2021 , 74, 102279	7.2	6
116	A digitally enabled circular economy for mitigating food waste: Understanding innovative marketing strategies in the context of an emerging economy. <i>Technological Forecasting and Social Change</i> , 2021 , 173, 121062	9.5	8
115	Manufacturing strategy in small firms: unveiling the drivers of strategic consensus. <i>Production Planning and Control</i> , 2020 , 1-19	4.3	1
114	Relational governance in recycling cooperatives: A proposal for managing tensions in sustainability. <i>Journal of Cleaner Production</i> , 2020 , 260, 121036	10.3	6
113	First-mover firms in the transition towards the sharing economy in metallic natural resource-intensive industries: Implications for the circular economy and emerging industry 4.0 technologies. <i>Resources Policy</i> , 2020 , 66, 101596	7.2	39
112	Stakeholders, innovative business models for the circular economy and sustainable performance of firms in an emerging economy facing institutional voids. <i>Journal of Environmental Management</i> , 2020 , 264, 110416	7.9	58
111	Lean manufacturing and business performance: testing the S-curve theory. <i>Production Planning and Control</i> , 2020 , 31, 771-785	4.3	20
110	Barriers to the adoption of industry 4.0 technologies in the manufacturing sector: An inter-country comparative perspective. <i>International Journal of Production Economics</i> , 2020 , 224, 107546	9.3	206
109	Innovative efforts of ISO 9001-certified manufacturing firms: Evidence of links between determinants of innovation, continuous innovation and firm performance. <i>International Journal of Production Economics</i> , 2020 , 223, 107526	9.3	19
108	The interplay between stakeholders, resources and capabilities in climate change strategy: converting barriers into cooperation. <i>Business Strategy and the Environment</i> , 2020 , 29, 1362-1386	8.6	19
107	Sustainable development in Asian manufacturing SMEs: Progress and directions. <i>International Journal of Production Economics</i> , 2020 , 225, 107567	9.3	36
106	Sustainable manufacturing and industry 4.0: what we know and what we don't. <i>Journal of Enterprise Information Management</i> , 2020 , 34, 230-266	4.4	52
105	Corporate social responsibility and supply chain management: Framing and pushing forward the debate. <i>Journal of Cleaner Production</i> , 2020 , 273, 122981	10.3	24
104	Fostering low-carbon production and logistics systems: framework and empirical evidence. <i>International Journal of Production Research</i> , 2020 , 1-20	7.8	8
103	Social Media as a Form of Virtual Whistleblowing: Empirical Evidence for Elements of the Diamond Model. <i>Journal of Business Ethics</i> , 2020 , 1-20	4.3	7

102	Social sustainability in the oil and gas industry: institutional pressure and the management of sustainable supply chains. <i>Annals of Operations Research</i> , 2020 , 290, 279-300	3.2	19
101	Social aspects of sustainable supply chains: unveiling potential relationships in the Brazilian context. <i>Annals of Operations Research</i> , 2020 , 290, 327-341	3.2	13
100	Do Environmental Practices Improve Business Performance Even in an Economic Crisis? Extending the Win-Win Perspective. <i>Ecological Economics</i> , 2019 , 163, 189-204	5.6	31
99	Improving sustainable supply chains performance through operational excellence: circular economy approach. <i>Resources, Conservation and Recycling</i> , 2019 , 149, 236-248	11.9	58
98	Who is in charge? A review and a research agenda on the "human side" of the circular economy. <i>Journal of Cleaner Production</i> , 2019 , 222, 793-801	10.3	153
97	Paving the way for the circular economy and more sustainable supply chains. <i>Management of Environmental Quality</i> , 2019 , 30, 1095-1113	3.6	29
96	Circular economy business models and operations management. <i>Journal of Cleaner Production</i> , 2019 , 235, 1525-1539	10.3	101
95	How can we solve the puzzle of strategic climate management and appreciate its long-term effects?. <i>Journal of Organizational Change Management</i> , 2019 , 32, 687-708	1.4	5
94	Unlocking effective multi-tier supply chain management for sustainability through quantitative modeling: Lessons learned and discoveries to be made. <i>International Journal of Production Economics</i> , 2019 , 217, 11-30	9.3	38
93	Going in circles: new business models for efficiency and value. <i>Journal of Business Strategy</i> , 2019 , 40, 36-43	1.1	12
92	Interplay between information systems and environmental management in ISO 14001-certified companies. <i>Management Decision</i> , 2019 , 57, 1883-1901	4.4	12
91	The role of new product development in underpinning the circular economy. <i>Management Decision</i> , 2019 , 57, 840-862	4.4	27
90	Unlocking the circular economy through new business models based on large-scale data: An integrative framework and research agenda. <i>Technological Forecasting and Social Change</i> , 2019 , 144, 546-552	9.5	163
89	An analysis of the literature on humanitarian logistics and supply chain management: paving the way for future studies. <i>Annals of Operations Research</i> , 2019 , 283, 289-307	3.2	58
88	"Whistleblowing Triangle" Framework and Empirical Evidence. <i>Journal of Business Ethics</i> , 2019 , 160, 189-204	4.9	16
87	Decarbonisation of operations management "looking back, moving forward: a review and implications for the production research community. <i>International Journal of Production Research</i> , 2019 , 57, 4743-4765	7.8	20
86	Giving voice to the silent: a framework for understanding stakeholders' participation in socially-oriented initiatives, community-based actions and humanitarian operations projects. <i>Annals of Operations Research</i> , 2019 , 283, 143-158	3.2	15
85	Ethical Awareness, Ethical Judgment and Whistleblowing: A Moderated Mediation Analysis. <i>Journal of Business Ethics</i> , 2019 , 155, 289-304	4.3	24

84	Business opportunities and challenges as the two sides of the climate change: Corporate responses and potential implications for big data management towards a low carbon society. <i>Journal of Cleaner Production</i> , 2018 , 189, 763-774	10.3	37
83	Effects of environmental strategy, environmental uncertainty and top management's commitment on corporate environmental performance: The role of environmental management accounting. <i>Journal of Cleaner Production</i> , 2018 , 180, 297-306	10.3	144
82	When titans meet – Can industry 4.0 revolutionise the environmentally-sustainable manufacturing wave? The role of critical success factors. <i>Technological Forecasting and Social Change</i> , 2018 , 132, 18-25	9.5	367
81	“Is sickness and in health, in poverty and in wealth?” <i>Journal of Organizational Change Management</i> , 2018 , 31, 4-25	1.4	5
80	Industry 4.0 and the circular economy: a proposed research agenda and original roadmap for sustainable operations. <i>Annals of Operations Research</i> , 2018 , 270, 273-286	3.2	356
79	Unveiling barriers to sustainable public procurement in emerging economies: Evidence from a leading sustainable supply chain initiative in Latin America. <i>Resources, Conservation and Recycling</i> , 2018 , 134, 70-79	11.9	53
78	"There is no carnival without samba": Revealing barriers hampering biodiversity-based R&D and eco-design in Brazil. <i>Journal of Environmental Management</i> , 2018 , 206, 236-245	7.9	14
77	Management theory and big data literature: From a review to a research agenda. <i>International Journal of Information Management</i> , 2018 , 43, 112-129	16.4	55
76	Enablers of sustainable supply chain management and its effect on competitive advantage in the Colombian context. <i>Resources, Conservation and Recycling</i> , 2018 , 139, 237-250	11.9	34
75	'Too-much-of-a-good-thing'? The role of advanced eco-learning and contingency factors on the relationship between corporate environmental and financial performance. <i>Journal of Environmental Management</i> , 2018 , 220, 163-172	7.9	27
74	Maturity levels of material cycles and waste management in a context of green supply chain management: an innovative framework and its application to Brazilian cases. <i>Journal of Material Cycles and Waste Management</i> , 2017 , 19, 516-525	3.4	31
73	Critical success factors and green supply chain management proactivity: shedding light on the human aspects of this relationship based on cases from the Brazilian industry. <i>Production Planning and Control</i> , 2017 , 28, 671-683	4.3	79
72	Sustainable collaboration: The impact of governance and institutions on sustainable performance. <i>Journal of Cleaner Production</i> , 2017 , 155, 1-6	10.3	86
71	Green Product Development and Product Portfolio Management: Empirical Evidence from an Emerging Economy. <i>Business Strategy and the Environment</i> , 2017 , 26, 1181-1195	8.6	14
70	Green supply chain practices and environmental performance in Brazil: Survey, case studies, and implications for B2B. <i>Industrial Marketing Management</i> , 2017 , 66, 13-28	6.9	46
69	Contingency theory, climate change, and low-carbon operations management. <i>Supply Chain Management</i> , 2017 , 22, 223-236	10	20
68	Ethical Awareness, Ethical Judgment, and Whistleblowing: A Moderated Mediation Analysis 2017 , 311-337		5
67	Putting environmental technologies into the mainstream: Adoption of environmental technologies by medium-sized manufacturing firms in Brazil. <i>Journal of Cleaner Production</i> , 2017 , 142, 4011-4018	10.3	19

66	Toward greener supply chains: is there a role for the new ISO 50001 approach to energy and carbon management?. <i>Energy Efficiency</i> , 2017 , 10, 777-785	3	16
65	Sustainability as a dynamic organizational capability: a systematic review and a future agenda toward a sustainable transition. <i>Journal of Cleaner Production</i> , 2017 , 142, 308-322	10.3	209
64	Fatores críticos de sucesso para o sucesso de GSCM: estudo de casos no setor de baterias automotivas. <i>Gestão & Produção</i> , 2017 , 24, 78-94	0.9	8
63	Green Human Resource Management and Green Supply Chain Management: linking two emerging agendas. <i>Journal of Cleaner Production</i> , 2016 , 112, 1824-1833	10.3	274
62	Green training and green supply chain management: evidence from Brazilian firms. <i>Journal of Cleaner Production</i> , 2016 , 116, 170-176	10.3	152
61	Environmental management maturity of local and multinational high-technology corporations located in Brazil: the role of business internationalization in pollution prevention. <i>Production</i> , 2016 , 26, 488-499	1.3	3
60	Connecting the pieces of the puzzle toward sustainable organizations. <i>Benchmarking</i> , 2016 , 23, 1605-1623	1.3	13
59	Demystifying the challenges and barriers to manage, develop, and transfer clean and green technologies in Brazilian academic research groups: Some empirical evidence. <i>International Journal of Green Energy</i> , 2016 , 13, 907-910	3	4
58	Barriers to the adoption of green operational practices at Brazilian companies: effects on green and operational performance. <i>International Journal of Production Research</i> , 2016 , 54, 3042-3058	7.8	65
57	The green bullwhip effect, the diffusion of green supply chain practices, and institutional pressures: Evidence from the automotive sector. <i>International Journal of Production Economics</i> , 2016 , 182, 342-355	9.3	58
56	Green manufacturing: Relationship between adoption of green operational practices and green performance of brazilian ISO 9001-certified firms. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2015 , 2, 95-98	3.8	12
55	Green supply chain management and firms' performance: Understanding potential relationships and the role of green sourcing and some other green practices. <i>Resources, Conservation and Recycling</i> , 2015 , 104, 366-374	11.9	87
54	Green and competitive: empirical evidence from ISO 9001 certified Brazilian companies. <i>TQM Journal</i> , 2015 , 27, 22-41	3.4	17
53	eco-innovations in more sustainable supply chains for a low-carbon economy: A multiple case study of human critical success factors in Brazilian leading companies. <i>International Journal of Production Economics</i> , 2015 , 164, 245-257	9.3	102
52	Green product development and performance of Brazilian firms: measuring the role of human and technical aspects. <i>Journal of Cleaner Production</i> , 2015 , 87, 442-451	10.3	162
51	Understanding the genesis of green supply chain management: lessons from leading Brazilian companies. <i>Journal of Cleaner Production</i> , 2015 , 87, 385-390	10.3	29
50	Oportunidades e desafios para lidar com as barreiras para o sucesso de práticas de green supply chain management: guidelines luz de um estudo de múltiplos casos no Brasil. <i>Gestão & Produção</i> , 2015 , 22, 295-310	0.9	5
49	The Millennium Development Goals and Production Engineering training. <i>Industrial and Commercial Training</i> , 2015 , 47, 293-301	1.3	4

48	Introduction: Sustainable shipping and transport logistics in developing economies. <i>International Journal of Shipping and Transport Logistics</i> , 2015 , 7, 649	1	1
47	Reprint of "Quality management, environmental management maturity, green supply chain practices and green performance of Brazilian companies with ISO 14001 certification: Direct and indirect effects" <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 74, 139-151	9	21
46	Interface entre as áreas de operações e meio ambiente: estudo de casos sobre os pontos de contato e seus potenciais conflitos. <i>Gestão & Produção</i> , 2015 , 22, 711-724	0.9	
45	Mixed methodology to analyze the relationship between maturity of environmental management and the adoption of green supply chain management in Brazil. <i>Resources, Conservation and Recycling</i> , 2014 , 92, 255-267	11.9	54
44	Green supply chain management and environmental performance of firms in the bioenergy sector in Brazil: An exploratory survey. <i>Energy Policy</i> , 2014 , 75, 312-315	7.2	26
43	Low-carbon operations and production: putting training in perspective. <i>Industrial and Commercial Training</i> , 2014 , 46, 327-331	1.3	12
42	Quality management, environmental management maturity, green supply chain practices and green performance of Brazilian companies with ISO 14001 certification: Direct and indirect effects. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014 , 67, 39-51	9	113
41	Evolutionary stages of environmental management in computer companies located in Brazil: case studies. <i>International Journal of Business Innovation and Research</i> , 2014 , 8, 300	0.7	5
40	Gestão de recursos humanos e manufatura enxuta: evidências empíricas do setor automotivo brasileiro. <i>Production</i> , 2014 , 24, 451-461	1.3	2
39	Adoção de práticas de Green Supply Chain Management: mecanismos de indução e a importância das empresas focais. <i>Production</i> , 2014 , 24, 725-734	1.3	5
38	Extending lean manufacturing in supply chains: a successful case in Brazil. <i>Benchmarking</i> , 2014 , 21, 1070-1083	4.083	18
37	Green training supporting eco-innovation in three Brazilian companies: practices and levels of integration. <i>Industrial and Commercial Training</i> , 2014 , 46, 387-392	1.3	27
36	Managing organizations for sustainable development in emerging countries: an introduction. <i>International Journal of Sustainable Development and World Ecology</i> , 2014 , 21, 195-197	3.8	46
35	Latin America: research opportunities on management for sustainable development. <i>Latin American J of Management for Sustainable Development</i> , 2014 , 1, 1	0.3	29
34	Selecting green suppliers based on GSCM practices: Using fuzzy TOPSIS applied to a Brazilian electronics company. <i>European Journal of Operational Research</i> , 2014 , 233, 432-447	5.6	449
33	Brazil's new national policy on solid waste: challenges and opportunities. <i>Clean Technologies and Environmental Policy</i> , 2014 , 16, 7-9	4.3	70
32	Green supply chain management in local and multinational high-tech companies located in Brazil. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 68, 807-815	3.2	28
31	Green supply chain management: mapping the territory. <i>International Journal of Environment and Sustainable Development</i> , 2013 , 12, 145	1.3	8

30	Understanding the process of greening of Brazilian business schools. <i>Journal of Cleaner Production</i> , 2013 , 61, 25-35	10.3	44
29	Environmental management and operational performance in automotive companies in Brazil: the role of human resource management and lean manufacturing. <i>Journal of Cleaner Production</i> , 2013 , 47, 129-140	10.3	240
28	Analysing green supply chain management practices in Brazil's electrical/electronics industry using interpretive structural modelling. <i>International Journal of Environmental Studies</i> , 2013 , 70, 477-493	1.8	70
27	Green Benefits From Adopting Lean Manufacturing: A Case Study From the Automotive Sector. <i>Environmental Quality Management</i> , 2013 , 22, 65-72	0.8	32
26	Factors affecting the adoption of green supply chain management practices in Brazil: empirical evidence. <i>International Journal of Environmental Studies</i> , 2013 , 70, 302-315	1.8	37
25	Alignment of operations strategy: exploring the marketing interface. <i>Industrial Management and Data Systems</i> , 2013 , 113, 207-233	3.6	10
24	CONTRIBUTIONS OF OPERATIONS MANAGEMENT TO THE COMPETITIVENESS OF THE BRAZILIAN ELECTRONICS SECTOR. <i>Journal of Business Economics and Management</i> , 2013 , 14, S358-S376	2	4
23	The Perception of Brazilian Researchers concerning the Factors that Influence the Citation of their Articles: A Study in the Field of Sustainability. <i>Serials Review</i> , 2013 , 39, 93-96	0.3	4
22	Lean and green?: evidências empíricas do setor automotivo brasileiro. <i>Gestão & Produção</i> , 2013 , 20, 653-665	0.9	12
21	Treinamento ambiental em organizações com certificação ISO 14001: estudo de múltiplos casos e identificação de coevolução com a gestão ambiental. <i>Production</i> , 2013 , 23, 80-94	1.3	15
20	Esverdeando a cadeia de suprimentos: algumas evidências de empresas localizadas no Brasil. <i>Gestão & Produção</i> , 2013 , 20, 953-962	0.9	6
19	Análise da relação entre manufatura enxuta e desempenho operacional de empresas do setor automotivo no Brasil. <i>RAUSP: Revista De Administração Da Universidade De São Paulo</i> , 2013 , 48, 843-856		2
18	Práticas de gestão da cadeia de suprimentos e seus eventuais relacionamentos com as prioridades competitivas da produção: evidências empíricas do setor eletroeletrônico através de modelagem de equações estruturais. <i>Production</i> , 2013 , 23, 241-256	1.3	1
17	"Decifra-me ou te devoro": uma análise das variáveis e fatores que influenciam o impacto da pesquisa científica desenvolvida na área de sustentabilidade no Brasil. <i>Perspectivas Em Ciencia Da Informacao</i> , 2013 , 18, 79-90	0.1	
16	Relationship between green management and environmental training in companies located in Brazil: A theoretical framework and case studies. <i>International Journal of Production Economics</i> , 2012 , 140, 318-329	9.3	160
15	Environmental development in Brazilian companies: The role of human resource management. <i>Environmental Development</i> , 2012 , 3, 137-147	4.1	30
14	"Verdes e competitivas?": a influência da gestão ambiental no desempenho operacional de empresas brasileiras. <i>Ambiente & Sociedade</i> , 2012 , 15, 151-172	1.3	3
13	Gestão de recursos humanos e desempenho operacional: evidências empíricas. <i>Gestão & Produção</i> , 2012 , 19, 347-360	0.9	3

12	Understanding the skills of environmental managers: A study of companies in Brazil's food sector. <i>Environmental Quality Management</i> , 2012 , 21, 41-48	0.8	3
11	Supply Chain Management practices in the electro-electronics sector in Brazil: evolutionary approach, information technology adoption and management actions. <i>International Journal of Manufacturing Research</i> , 2012 , 7, 123	0.4	1
10	Lançando luzes sobre a gestão de operações do setor eletroeletrônico brasileiro. <i>Revista De Administracao Publica</i> , 2012 , 46, 817-840	0.4	
9	Factors affecting the adoption of supply chain management practices: Evidence from the Brazilian electro-electronic sector. <i>IIMB Management Review</i> , 2011 , 23, 208-222	1.9	18
8	Relationships between company size, production system and supply chain. <i>Journal of Advances in Management Research</i> , 2011 , 8, 30-52	2.2	3
7	Measuring supply chain management practices. <i>Measuring Business Excellence</i> , 2011 , 15, 18-31	2.2	26
6	A importância dos fatores humanos no desenvolvimento de produtos com elevado desempenho ambiental: estudo de casos. <i>Revista De Administracao Mackenzie</i> , 2009 , 10, 32-56	0.7	3
5	Are supplier selection criteria going green? Case studies of companies in Brazil. <i>Industrial Management and Data Systems</i> , 2009 , 109, 477-495	3.6	137
4	Crossing the Red Line? Empirical Evidence and Useful Recommendations on Questionable Research Practices among Business Scholars. <i>Journal of Business Ethics</i> , 1	4.3	1
3	Green Supply Chain Practices: a comprehensive and theoretically multidimensional framework for categorization. <i>Production</i> , 29,	1.3	3
2	COVID-19 pandemic disruption: a matter of building companies' internal and external resilience. <i>International Journal of Production Research</i> , 1-22	7.8	6
1	Are food supply chains taking advantage of the circular economy? A research agenda on tackling food waste based on Industry 4.0 technologies. <i>Production Planning and Control</i> , 1-17	4.3	2