Rodrigo Caiado

List of Publications by Year
in descending order

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52 papers	2,520 citations	331538 21 h-index	233338 45 g-index
52 all docs	52 docs citations	52 times ranked	2148 citing authors

#	Article	IF	Citations
1	Hybrid method to guide sustainable initiatives in higher education: a critical analysis of Brazilian municipalities. International Journal of Sustainability in Higher Education, 2023, 24, 299-316.	1.6	7
2	Challenges and Benefits of Sustainable Industry 4.0 for Operations and Supply Chain Managementâ€"A Framework Headed toward the 2030 Agenda. Sustainability, 2022, 14, 830.	1.6	46
3	A sustainable circular 3D printing model for recycling metal scrap in the automotive industry. Journal of Manufacturing Technology Management, 2022, 33, 876-892.	3.3	21
4	The mediating effect of employeesâ€™ involvement on the relationship between Industry 4.0 and operational performance improvement. Total Quality Management and Business Excellence, 2021, 32, 119-133.	2.4	71
5	Critical factors for lean and innovation in services: from a systematic review to an empirical investigation. Total Quality Management and Business Excellence, 2021, 32, 606-631.	2.4	35
6	Critical factors for total quality management implementation in the Brazilian construction industry. TQM Journal, 2021, 33, 1001-1019.	2.1	12
7	A fuzzy rule-based industry 4.0 maturity model for operations and supply chain management. International Journal of Production Economics, 2021, 231, 107883.	5.1	139
8	Improving urban household solid waste management in developing countries based on the German experience. Waste Management, 2021, 120, 772-783.	3.7	66
9	Fuzzy Criticality Assessment of Systems External Corrosion Risks in the Petroleum Industryâ€"A Case Study. Springer Proceedings in Mathematics and Statistics, 2021, , 153-166.	0.1	0
10	Automated compliance checking in the context of Industry 4.0: from a systematic review to an empirical fuzzy multi-criteria approach. Soft Computing, 2021, 25, 6055-6074.	2.1	5
11	Assessment of sustainable development through a multi-criteria approach: Application in brazilian municipalities. Journal of Environmental Management, 2021, 282, 111954.	3.8	14
12	A framework for sustainable and integrated municipal solid waste management: Barriers and critical factors to developing countries. Journal of Cleaner Production, 2021, 312, 127516.	4.6	61
13	Evaluating the eco-efficiency of loading transport vehicles: A Brazilian case study. Case Studies on Transport Policy, 2021, 9, 1688-1695.	1.1	5
14	Barriers and Enablers for the Integration of Industry 4.0 and Sustainability in Supply Chains of MSMEs. Sustainability, 2021, 13, 11664.	1.6	31
15	Can sustainable investments outperform traditional benchmarks? Evidence from global stock markets. Business Strategy and the Environment, 2020, 29, 682-697.	8.5	81
16	Interplay between reverse logistics and circular economy: Critical success factors-based taxonomy and framework. Resources, Conservation and Recycling, 2020, 158, 104784.	5.3	120
17	Supply Chain Management Practices in Small Enterprises: A Practical Implementation Guidance. Springer Proceedings in Mathematics and Statistics, 2020, , 141-153.	0.1	1
18	Development of Indicators for Monitoring the Regulatory Compliance of Static Equipment in Industrial Plantsâ€"an Empirical Study in the Oil and Gas Sector. Springer Proceedings in Mathematics and Statistics, 2020, , 13-25.	0.1	1

#	Article	IF	Citations
19	Systematic Literature Reviews in Sustainable Supply Chainâ€"SSC: A Tertiary Study. Springer Proceedings in Business and Economics, 2020, , 383-392.	0.3	1
20	Systematic Literature Reviews About Operational Improvement Programmes Headed for Sustainable Development: A Tertiary Study. Springer Proceedings in Business and Economics, 2020, , 1023-1033.	0.3	0
21	State of the art on system architectures for data integration. Technical Papers ... Rio Oil & Gas, 2020, 20, 414-415.	0.0	2
22	Factories for the Future: Toward Sustainable Smart Manufacturing. Encyclopedia of the UN Sustainable Development Goals, 2020, , 239-250.	0.0	2
23	Measuring the Eco-efficiency of Brazilian Energy Companies using DEA and Directional Distance Function. IEEE Latin America Transactions, 2020, 18, 1844-1852.	1.2	4
24	A SMARTS-Choquetâ€™s approach for multicriteria decision aid applied to the innovation indexes in sustainability dimensions. Soft Computing, 2019, 23, 7117-7133.	2.1	9
25	An Analysis of the Corporate Social Responsibility and the Industry 4.0 with Focus on the Youth Generation: A Sustainable Human Resource Management Framework. Sustainability, 2019, 11, 5130.	1.6	47
26	Towards sustainability by aligning operational programmes and sustainable performance measures. Production Planning and Control, 2019, 30, 413-425.	5.8	36
27	Urban solid waste management in developing countries from the sustainable supply chain management perspective: A case study of Brazil's largest slum. Journal of Cleaner Production, 2019, 233, 1377-1386.	4.6	82
28	How do different generations contribute to the development of a learning organization in companies undergoing a lean production implementation?. Learning Organization, 2019, 27, 101-115.	0.7	15
29	Effectively designing and embedding measurable results in a project business case. International Journal of Project Organisation and Management, 2019, 11, 362.	0.0	3
30	A lean six sigma framework for continuous and incremental improvement in the oil and gas sector. International Journal of Lean Six Sigma, 2019, 11, 577-595.	2.4	24
31	Exploring Industry 4.0 technologies to enable circular economy practices in a manufacturing context. Journal of Manufacturing Technology Management, 2019, 30, 607-627.	3.3	488
32	Factories for the Future: Toward Sustainable Smart Manufacturing. Encyclopedia of the UN Sustainable Development Goals, 2019, , 1-12.	0.0	1
33	Influencing factors in a portfolio of projects and operations: a systematic review. International Journal of Project Organisation and Management, 2019, 11, 311.	0.0	0
34	Adherence of social responsibility management in Brazilian organizations. Social Responsibility Journal, 2018, 14, 194-212.	1.6	5
35	Digital Obeya Room: exploring the synergies between BIM and lean for visual construction management. Innovative Infrastructure Solutions, 2018, 3, 1.	1.1	21
36	A holistic model integrating value co-creation methodologies towards the sustainable development. Journal of Cleaner Production, 2018, 191, 400-416.	4.6	52

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37	Bow tie to improve risk management of natural gas pipelines. Process Safety Progress, 2018, 37, 169-175.	0.4	24
38	Interactions of Building Information Modeling, Lean and Sustainability on the Architectural, Engineering and Construction industry: A systematic review. Journal of Cleaner Production, 2018, 174, 788-806.	4.6	133
39	Measurement of sustainability performance in Brazilian organizations. International Journal of Sustainable Development and World Ecology, 2018, 25, 312-326.	3.2	38
40	A literature-based review on potentials and constraints in the implementation of the sustainable development goals. Journal of Cleaner Production, 2018, 198, 1276-1288.	4.6	413
41	FACILITY MANAGEMENT USING DIGITAL OBEYA ROOM BY INTEGRATING BIM-LEAN APPROACHES â€“ AN EMPIRICAL STUDY. Journal of Civil Engineering and Management, 2018, 24, 581-591.	1.9	14
42	TOWARDS SUSTAINABILITY THROUGH GREEN, LEAN AND SIX SIGMA INTEGRATION AT SERVICE INDUSTRY: REVIEW AND FRAMEWORK. Technological and Economic Development of Economy, 2018, 24, 1659-1678.	2.3	38
43	Sustainability Analysis in Electrical Energy Companies by Similarity Technique to Ideal Solution. IEEE Latin America Transactions, 2017, 15, 675-681.	1.2	21
44	Monte Carlo Simulation for Planning and Decisions Making in Transmission Project of Electricity. IEEE Latin America Transactions, 2017, 15, 431-438.	1.2	3
45	Towards sustainable development through the perspective of eco-efficiency - A systematic literature review. Journal of Cleaner Production, 2017, 165, 890-904.	4.6	260
46	CONSTRUCTABILITY IN INDUSTRIAL PLANTS CONSTRUCTION: A BIM-LEAN APPROACH USING THE DIGITAL OBEYA ROOM FRAMEWORK. Journal of Civil Engineering and Management, 2017, 23, 1100-1108.	1.9	41
47	A InfluÃªncia das MudanÃ§as Devidas Ã ProgramaÃ§Ã£o em um PortfÃ³lio de Projetos e de OperaÃ§Ãµes com Recursos Compartilhados â€“ Um Estudo de Caso. Revista De GestÃ£o E Projetos, 2017, 08, 100-117.	0.2	0
48	GUIDELINES TO RISK MANAGEMENT MATURITY IN CONSTRUCTION PROJECTS. Brazilian Journal of Operations and Production Management, 2016, 13, 372.	0.8	11
49	PROJECT AUTOMATION APPLICATION WITH LEAN PHILOSOPHY AT THE CONSTRUCTION OF OIL REFINING UNIT. Brazilian Journal of Operations and Production Management, 2016, 1, 124.	0.8	0
50	AvaliaÃ§Ã£o de Desempenho em Sustentabilidade Organizacional: Proposta de AdaptaÃ§Ã£o do MÃ©todo de AnÃ¡lise de Processo. Sistemas & GestÃ£o, 2015, 10, 270-285.	0.1	1
51	Assessment of Lean implementation in Hotelsâ€™ supply chains. Production, 0, 29, .	1.3	8
52	Critical success factors-based taxonomy for Lean Public Management: a systematic review. Production, 0, 30, .	1.3	7