

A C Alves

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3796940/a-c-alves-publications-by-year.pdf>

Version: 2024-04-29

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.

91
papers

834
citations

13
h-index

25
g-index

110
ext. papers

1,039
ext. citations

1.5
avg, IF

4.87
L-index

#	Paper	IF	Citations
91	Lean management and sustainable practices in Higher Education Institutions of Brazil and Portugal: A cross country perspective. <i>Journal of Cleaner Production</i> , 2022 , 342, 130868	10.3	2
90	Team Teaching in PBL. <i>Advances in Higher Education and Professional Development Book Series</i> , 2022 , 250-270	0.2	
89	The Challenges of Industrial Engineer Management Skills in Industry 4.0. <i>Advances in Higher Education and Professional Development Book Series</i> , 2022 , 225-249	0.2	
88	Lean Learning Factories: Concepts from the Past Updated to the Future. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 100-108	0.5	1
87	Reconfiguration of assembly lines using Lean Thinking in an electronics components manufacturer for the automotive industry. <i>Procedia Manufacturing</i> , 2021 , 55, 383-392	1.5	0
86	Simulation pulled by the need to reduce wastes and human effort in an intralogistics project. <i>International Journal of Industrial Engineering and Management</i> , 2021 , 12, 274-285	1.3	3
85	Bloom Taxonomy, Serious Games and Lean Learning: What Do These Topics Have in Common?. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 308-316	0.5	2
84	Barriers to Lean and Pull System implementation: a case study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1193, 012048	0.4	1
83	Support of Advanced Technologies in Supply Chain Processes and Sustainability Impact. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3026	2.6	3
82	A Novel Automated System for the Handling of Car Seat Wires on Plastic Over-Injection Molding Machines. <i>Machines</i> , 2021 , 9, 141	2.9	6
81	The knowledge and importance of Lean Education based on academics perspectives: an exploratory study. <i>Production Planning and Control</i> , 2021 , 32, 497-510	4.3	8
80	Industry 4.0 triggered by Lean Thinking: insights from a systematic literature review. <i>International Journal of Production Research</i> , 2021 , 59, 1496-1510	7.8	28
79	Student-Centered Assessment Practices. <i>Advances in Mobile and Distance Learning Book Series</i> , 2021 , 213-243	0.3	2
78	Industry and Services: Different Organizational Cultures, Same Openness to Lean Implementation?. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 674-682	0.5	
77	The Synergetic Effect of Lean Six Sigma and TRIZ on the Improvement of an Electronic Component. <i>Springer Proceedings in Mathematics and Statistics</i> , 2021 , 409-420	0.2	
76	Running Workshops to Identify Wastes in a Product Development Sample Shop. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 234-243	0.4	1
75	A Non-compensatory Multicriteria Model for Sorting the Influence of PBL Over Professional Skills. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 1165-1175	0.4	1

74	More Checks for Less Waste in the Lamination Process of a Shipbuilding Company Pursuing Lean Thinking. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 635-644	0.5	1
73	Lean and TRIZ: From the Problems to Creative and Sustainable Solutions. <i>Lecture Notes in Networks and Systems</i> , 2020 , 103-116	0.5	
72	Lean Production in a High Fashion Garment Company: Challenges and Solutions. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2020 , 183-193	0.3	
71	Reducing 3M by Improved Layouts and Ergonomic Intervention in a Lean Journey in a Cork Company. <i>Studies in Systems, Decision and Control</i> , 2020 , 537-545	0.8	6
70	Lean Thinking: From the Shop Floor to an Organizational Culture. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 406-414	0.5	2
69	HATS project for lean and smart global logistic: A shipping company case study. <i>Manufacturing Letters</i> , 2020 , 23, 71-74	4.5	10
68	Integrating Science, Technology, Engineering and Mathematics contents through PBL in an Industrial Engineering and Management first year program. <i>Production</i> , 2019 , 29,	1.3	7
67	The Lean-Green BOPSE Indicator to Assess Efficiency and Sustainability 2019 , 259-291		5
66	Contributions of Lean Thinking Principles to Foster Industry 4.0 and Sustainable Development Goals 2019 , 129-159		6
65	Implementing Lean Production to Promote Textile and Clothing Industry Sustainability 2019 , 319-343		3
64	Lean Thinking: A Transversal and Global Management Philosophy to Achieve Sustainability Benefits 2019 , 1-31		13
63	A symbiotic relationship between Lean Production and Ergonomics: insights from Industrial Engineering final year projects. <i>International Journal of Industrial Engineering and Management</i> , 2019 , 10, 243-256	1.3	10
62	IMPROVING PROCESSES IN A POSTGRADUATE OFFICE OF A UNIVERSITY THROUGH LEAN OFFICE TOOLS. <i>International Journal for Quality Research</i> , 2019 , 13, 797-810	2.6	2
61	How Industry 4.0 can enhance Lean practices. <i>FME Transactions</i> , 2019 , 47, 810-822	1.6	35
60	Lean Production in small and medium sized companies from the Free Economic Zone of Manaus: a reality or just fiction?. <i>Gestão & Produção</i> , 2019 , 26,	0.9	1
59	Using Lean Thinking Principles To Reduce Wastes In Reconfiguration Of Car Radio Final Assembly Lines. <i>Procedia Manufacturing</i> , 2019 , 41, 803-810	1.5	4
58	Reusing Equipment in Cells Reconfiguration for a Lean and Sustainable Production. <i>Procedia Manufacturing</i> , 2019 , 39, 1038-1047	1.5	3
57	Lean Thinking contributions for Industry 4.0: a Systematic Literature Review. <i>IFAC-PapersOnLine</i> , 2019 , 52, 904-909	0.7	29

56	Lean production and ergonomics: a synergy to improve productivity and working conditions. <i>International Journal of Occupational and Environmental Safety</i> , 2018 , 2, 1-11	1.6	3
55	Development and Implementation of Dashboards for Operational Monitoring Using Participatory Design in a Lean Context. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 237-249	0.4	2
54	Implementation of project management and lean production practices in a SME Portuguese innovation company. <i>Procedia Computer Science</i> , 2018 , 138, 867-874	1.6	8
53	Project-Based Learning and its Effects on Freshmen Social Skills in an Engineering Program 2018 ,		6
52	Lean-Green models for eco-efficient and sustainable production. <i>Energy</i> , 2017 , 137, 846-853	7.9	70
51	Collaborative Process Mapping to Improve Work Instructions and Standardized Work. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 603-615	0.4	2
50	Ten Years of Project-Based Learning (PBL) in Industrial Engineering and Management at the University of Minho 2017 , 33-51		8
49	Peer assessment in PBL: Does gender matter? 2017 ,		1
48	Sustainability in engineering programs in a Portuguese Public University. <i>Production</i> , 2017 , 27,	1.3	11
47	Smart products development approaches for Industry 4.0. <i>Procedia Manufacturing</i> , 2017 , 13, 1215-1222	1.5	71
46	Improving visibility using RFID The case of a company in the automotive sector. <i>Procedia Manufacturing</i> , 2017 , 13, 1261-1268	1.5	9
45	Processes improvement applying Lean Office tools in a logistic department of a car multimedia components company. <i>Procedia Manufacturing</i> , 2017 , 13, 995-1002	1.5	8
44	Lean Education: An Overview of Current Issues 2017 ,		13
43	Lean Education at University of Minho: Aligning and Pulling the Right Requirements Geared on Competitive Industries 2017 , 149-175		2
42	Transdisciplinary Perspectives on Complex Systems 2017 ,		27
41	Validation of a Methodology to Implement Lean Production in Textile and Clothing Industry 2017 ,		1
40	Tutoring Experiences in PBL of Industrial Engineering and Management Program: Teachers vs Students 2017 ,		2
39	Effective Tools to Learn Lean Thinking and Gather Together Academic and Practice Communities 2017 ,		10

38	Lecturers' Perceptions of a Semester-Wide Interdisciplinary PBL in a Master's Degree Program in Industrial Engineering and Management 2017 ,			1
37	Managing Systems Complexity Through Congruence 2017 , 115-144			1
36	Lean-green synergy awareness: A Portuguese survey 2017 , 125-131			
35	Sustainability and circular economy through PBL: Engineering students' perceptions 2017 , 409-415			
34	Suitability of agroindustrial residues for cellulose-based materials production 2017 , 417-423			
33	Reconfigurable Standardized Work in a Lean Company [A Case Study. <i>Procedia CIRP</i> , 2016 , 52, 239-244	1.8		18
32	Sustainability, Lean and Eco-Efficiency Symbioses. <i>Innovation, Technology and Knowledge Management</i> , 2016 , 91-112	0.1		7
31	Lean Principles in an Operating Room Environment: An Action Research Study. <i>Journal of Health Management</i> , 2016 , 18, 239-257	2.1		6
30	Teacher's experiences in PBL: implications for practice. <i>European Journal of Engineering Education</i> , 2016 , 41, 123-141	1.5		29
29	Managing PBL difficulties in an industrial engineering and management program. <i>Journal of Industrial Engineering and Management</i> , 2016 , 9, 586	1.7		10
28	Lean Education Impact in Professional Life of Engineers 2016 ,			2
27	What do organizational leaders need from lean graduate programming. <i>European Journal of Training and Development</i> , 2016 , 40, 302-320	1.6		11
26	Combined Tools for Surgical Case Packages Contents and Cost Optimization: A Preliminary Study. <i>Procedia Computer Science</i> , 2016 , 100, 393-398	1.6		
25	Requirements Specification of a Computerized Maintenance Management System [A Case Study. <i>Procedia CIRP</i> , 2016 , 52, 268-273	1.8		29
24	Workplace ergonomics in lean production environments: A literature review. <i>Work</i> , 2015 , 52, 57-70	1.6		38
23	Action, Practice and Research in Project Based Learning in an Industrial Engineering and Management Program 2015 ,			2
22	How Could the TRIZ Tool Help Continuous Improvement Efforts of the Companies?. <i>Procedia Engineering</i> , 2015 , 131, 343-351			7
21	Redesign of the production system: A hard decision-making process 2015 ,			3

20	Production systems redesign in a lean context: A matter of sustainability. <i>FME Transactions</i> , 2015 , 43, 344-352	1.6	12
19	Business sustainability through employees involvement: A case study. <i>FME Transactions</i> , 2015 , 43, 362-369		6
18	Perceptions and Understandings on the Need of Change: Viewpoints across Management Levels. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 245-254	0.4	
17	Fostering Sustainable Development Thinking Through Lean Engineering Education 2014 ,		6
16	Systems Competency for Engineering Practice 2014 ,		2
15	MOVING FROM JOB-SHOP TO PRODUCTION CELLS WITHOUT LOSING FLEXIBILITY: A CASE STUDY FROM THE WOODEN FRAMES INDUSTRY. <i>South African Journal of Industrial Engineering</i> , 2014 , 25,	1.7	2
14	Definition of a Protocol for Implementing Lean Production Methodology in Textile and Clothing Case Studies 2013 ,		1
13	What Lean Teaches Us About Ethics in Engineering 2013 ,		1
12	Lean production as promoter of thinkers to achieve companies' agility. <i>Learning Organization</i> , 2012 , 19, 219-237	1.8	113
11	Design of a Lean Methodology for an Ergonomic and Sustainable Work Environment in Textile and Garment Industry 2012 ,		7
10	Project Based Learning in First Year, First Semester of Industrial Engineering and Management: Some Results 2012 ,		3
9	A Project Management Framework for Planning and Executing Interdisciplinary Learning Projects in Engineering Education 2012 , 53-76		5
8	Towards Eco-efficient Lean Production Systems. <i>International Federation for Information Processing</i> , 2010 , 100-108		36
7	An industrial application of resource constrained scheduling for quick changeover 2009 ,		6
6	Measurement Rounding Errors in an Assessment Model of Project Led Engineering Education. <i>International Journal of Online and Biomedical Engineering</i> , 2009 , 5, 39	0.8	4
5	Distributed Design of Product Oriented Manufacturing Systems 2007 , 593-600		2
4	Linking production paradigms and organizational approaches to production systems 2006 , 511-516		
3	A Framework for Understanding Cellular Manufacturing Systems 2004 , 163-172		2

2	Design of Product Oriented Manufacturing Systems 2002 , 359-366	2
1	Lean Thinking, Logistic and Ergonomics: Synergetic Triad to Prepare Shop Floor Work Systems to Face Pandemic Situations. <i>International Journal of Global Business and Competitiveness</i> ,1	1.8 3