

Moacir Godinho Filho

List of Publications by Year in descending order

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119
papers

4,647
citations

186265

28
h-index

110387

64
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121
all docs

121
docs citations

121
times ranked

3466
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlocking the Relationship Between Lean Leadership Competencies and Industry 4.0 Leadership Competencies: An ISM/Fuzzy MICMAC Approach. IEEE Transactions on Engineering Management, 2023, 70, 2268-2292.	3.5	6
2	The driving and dependence power between Lean leadership competencies: an integrated ISM/fuzzy MICMAC approach. Production Planning and Control, 2023, 34, 1037-1061.	8.8	9
3	Lean production, information and communication technologies and operational performance. Total Quality Management and Business Excellence, 2023, 34, 183-200.	3.8	7
4	Factors for choosing production control systems in make-to-order shops: a systematic literature review. Journal of Intelligent Manufacturing, 2022, 33, 639-674.	7.3	8
5	Dispatching method based on particle swarm optimization for make-to-availability. Journal of Intelligent Manufacturing, 2022, 33, 1021-1030.	7.3	4
6	Manufacturing strategy in small firms: unveiling the drivers of strategic consensus. Production Planning and Control, 2022, 33, 37-55.	8.8	6
7	Environmental and operational performance is not always achieved when combined with cleaner production and lean production: an overview for emerging economies. Journal of Environmental Planning and Management, 2022, 65, 1530-1559.	4.5	6
8	Smart Production Planning and Control Model. Smart Innovation, Systems and Technologies, 2022, , 253-267.	0.6	2
9	Moderating effect of OHS actions based on WHO recommendations to mitigate the effects of COVID-19 in multinational companies. Chemical Engineering Research and Design, 2022, 159, 652-661.	5.6	4
10	The Relationship between Circular Economy, Industry 4.0 and Supply Chain Performance: A Combined ISM/Fuzzy MICMAC Approach. Sustainability, 2022, 14, 2772.	3.2	7
11	The relationships between digitalization and ecosystem-related capabilities for service innovation in agricultural machinery manufacturers. Journal of Cleaner Production, 2022, 343, 130982.	9.3	11
12	The effects of the COVID-19 crisis on startups' performance: the role of resilience. Management Decision, 2022, 60, 3388-3415.	3.9	16
13	Fostering low-carbon production and logistics systems: framework and empirical evidence. International Journal of Production Research, 2021, 59, 7106-7125.	7.5	31
14	A framework to assess sustaining continuous improvement in lean healthcare. International Journal of Production Research, 2021, 59, 2885-2904.	7.5	29
15	Systematic review and discussion of production control systems that emerged between 1999 and 2018. Production Planning and Control, 2021, 32, 511-525.	8.8	23
16	Lean six sigma in the food industry: Construct development and measurement validation. International Journal of Production Economics, 2021, 231, 107843.	8.9	29
17	An alternative for improving setup times and time between failures aiming at manufacturing lead time reduction. Production Engineering, 2021, 15, 651-665.	2.3	4
18	Bundles of Lean Automation practices and principles and their impact on operational performance. International Journal of Production Economics, 2021, 235, 108106.	8.9	17

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19	Luxury supply chain management: a framework proposal based on a systematic literature review. <i>International Journal of Physical Distribution and Logistics Management</i> , 2021, 51, 859-876.	7.4	4
20	Performance evaluation of occupational health and safety in relation to the COVID-19 fighting practices established by WHO: Survey in multinational industries. <i>Safety Science</i> , 2021, 141, 105331.	4.9	7
21	A systematic literature review of empirical research in Lean and Six Sigma in healthcare. <i>Total Quality Management and Business Excellence</i> , 2020, 31, 429-449.	3.8	88
22	Assessment of the environmental impact and economic benefits of the adoption of cleaner production in a Brazilian metal finishing industry. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1814-1828.	2.2	9
23	Lean manufacturing and business performance: testing the S-curve theory. <i>Production Planning and Control</i> , 2020, 31, 771-785.	8.8	41
24	Sustainability implications for operations management: building the bridge through exemplar case studies. <i>Production Planning and Control</i> , 2020, 31, 841-844.	8.8	8
25	Smart production planning and control in the Industry 4.0 context: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2020, 149, 106774.	6.3	136
26	Consolidated and inconclusive effects of additive manufacturing adoption: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2020, 148, 106713.	6.3	39
27	Method to assess the adherence of internal logistics equipment to the concept of CPS for industry 4.0. <i>International Journal of Production Economics</i> , 2020, 228, 107845.	8.9	26
28	The effect of Lean Six Sigma practices on food industry performance: Implications of the Sector's experience and typical characteristics. <i>Food Control</i> , 2020, 112, 107110.	5.5	29
29	Cleaner Production practices, motivators and performance in the Brazilian industrial companies. <i>Journal of Cleaner Production</i> , 2019, 231, 359-369.	9.3	36
30	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.	9.3	252
31	Single-minute exchange of die (SMED): a state-of-the-art literature review. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 4289-4307.	3.0	37
32	Lean manufacturing implementation in regions with scarce resources. <i>Management Decision</i> , 2019, 58, 313-343.	3.9	4
33	Adoption of a telemetry system by a logistics service provider for road transport of express cargo: a case study in Brazil. <i>International Journal of Logistics Research and Applications</i> , 2019, 22, 592-613.	8.8	1
34	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.	11.6	282
35	POLCA system for supply chain management: simulation in the automotive industry. <i>Journal of Intelligent Manufacturing</i> , 2019, 30, 1271-1289.	7.3	10
36	Analysis and proposal of reduction of lead time in the process of cutting, loading and transportation in a sugar cane factory: a study case. <i>Gestão & Produção</i> , 2019, 26, .	0.5	2

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37	Application of a diagnostic framework based on the concepts of Workload Control to identify the problems related to the delivery reliability in a company of the aeronautical maintenance sector. <i>GestÃO & Produção</i> , 2019, 26, .	0.5	0
38	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.	11.6	621
39	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.	4.1	624
40	Lean, six sigma and lean six sigma in the food industry: A systematic literature review. <i>Trends in Food Science and Technology</i> , 2018, 82, 122-133.	15.1	69
41	Master disassembly scheduling in a remanufacturing system with stochastic routings. <i>Central European Journal of Operations Research</i> , 2017, 25, 123-138.	1.8	19
42	Lean healthcare in developing countries: evidence from Brazilian hospitals. <i>International Journal of Health Planning and Management</i> , 2017, 32, e99-e120.	1.7	62
43	Green supply chain management: An investigation of pressures, practices, and performance within the Brazilian automotive supply chain. <i>Journal of Cleaner Production</i> , 2017, 151, 250-259.	9.3	277
44	A Decision Support Framework for Production Flow Coordination Using Supply Chain Management Practices, Ordering Systems and Modeling Techniques. <i>Lecture Notes in Management and Industrial Engineering</i> , 2017, , 71-77.	0.4	2
45	The extent of knowledge of Quick Response Manufacturing principles: an exploratory transnational study. <i>International Journal of Production Research</i> , 2017, 55, 4891-4911.	7.5	12
46	The moderating effect of Lean supply chain management on the impact of Lean shop floor practices on quality and inventory. <i>Supply Chain Management</i> , 2017, 22, 473-485.	6.4	71
47	The application of Quick Response Manufacturing practices in Brazil, Europe, and the USA: An exploratory study. <i>International Journal of Production Economics</i> , 2017, 193, 437-448.	8.9	14
48	Complementing lean with quick response manufacturing: case studies. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 1897-1910.	3.0	15
49	Lean e QRM: diferentes ou semelhantes? <i>Revisão da literatura</i> . <i>Exacta</i> , 2017, 15, 137-154.	0.5	0
50	Application of QRM approach in a chemical company. <i>GEPROS: Gestão Da Produção, Operações E Sistemas</i> , 2017, 12, 283-304.	0.1	0
51	THE STATE OF RESEARCH ON CLEANER PRODUCTION IN BRAZIL. <i>RAE Revista De Administracao De Empresas</i> , 2016, 56, 547-577.	0.3	7
52	Proposta de redução de lead time na linha de produtos termoplásticos de uma pequena empresa familiar do interior paulista. <i>Revista Produção Online</i> , 2016, 16, 278.	0.2	1
53	Análise do lead time nos processos logísticos de uma rede varejista de flores. <i>Revista Produção Online</i> , 2016, 16, 1237.	0.2	1
54	Lean manufacturing in Brazilian small and medium enterprises: implementation and effect on performance. <i>International Journal of Production Research</i> , 2016, 54, 7523-7545.	7.5	128

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55	Comparing the effect of different strategies of continuous improvement programmes on repair time to reduce lead time. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 315-327.	3.0	9
56	Lean healthcare: review, classification and analysis of literature. <i>Production Planning and Control</i> , 2016, 27, 823-836.	8.8	169
57	Production planning and control for remanufacturing: exploring characteristics and difficulties with case studies. <i>Production Planning and Control</i> , 2016, 27, 212-225.	8.8	33
58	A new value stream mapping approach for healthcare environments. <i>Production Planning and Control</i> , 2016, 27, 24-48.	8.8	84
59	A TOC na prática: explorando a restrição em uma fábrica. <i>Exacta</i> , 2016, 14, 537-548.	0.5	0
60	Princípios e ferramentas da produção mais limpa: um estudo exploratório em empresas brasileiras. <i>Gestão & Produção</i> , 2015, 22, 326-344.	0.5	5
61	Governança corporativa voltada à Produção Mais Limpa: influência dos stakeholders. <i>Gestão & Produção</i> , 2015, 22, 181-200.	0.5	2
62	Small and Medium Sized Manufacturing Companies in Brazil: Is Innovativeness a Key Competitive Capability to Develop?. <i>Acta Scientiarum - Technology</i> , 2015, 37, 379.	0.4	1
63	Comparing different strategies for the allocation of improvement programmes in a flow shop environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 77, 1365-1385.	3.0	8
64	A framework for choosing among different lean-based improvement programs. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 81, 183-197.	3.0	20
65	Improving Hospital Performance by Use of Lean Techniques: An Action Research Project in Brazil. <i>Quality Engineering</i> , 2015, 27, 196-211.	1.1	18
66	Concerning Workload Control and Order Release: The Pre-shop Pool Sequencing Decision. <i>Production and Operations Management</i> , 2015, 24, 1179-1192.	3.8	45
67	An ant colony optimization approach for the parallel machine scheduling problem with outsourcing allowed. <i>Journal of Intelligent Manufacturing</i> , 2015, 26, 527-538.	7.3	29
68	Exploring the Stakeholders Saliency for the adoption the Principles and Tools of Cleaner Production in Brazil Companies. <i>Revista Brasileira De Gestao De Negocios</i> , 2015, , 932-958.	0.5	3
69	Assessing the impact of alternative continuous improvement programmes in a flow shop using system dynamics. <i>International Journal of Production Research</i> , 2014, 52, 3014-3031.	7.5	18
70	Small manufacturers in Brazil: competitive priorities vs. capabilities. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 74, 1175-1185.	3.0	10
71	Continuous workload control order release revisited: an assessment by simulation. <i>International Journal of Production Research</i> , 2014, 52, 6664-6680.	7.5	25
72	Using Genetic Algorithms to solve scheduling problems on flexible manufacturing systems (FMS): a literature survey, classification and analysis. <i>Flexible Services and Manufacturing Journal</i> , 2014, 26, 408-431.	3.4	43

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73	The design of simple subcontracting rules for make-to-order shops: An assessment by simulation. <i>European Journal of Operational Research</i> , 2014, 239, 854-864.	5.7	8
74	Sistema POLCA: revisão, classificação e análise da literatura. <i>Gestão & Produção</i> , 2014, 21, 532-542.	0.5	6
75	Paradigmas estratégicos de gestão da manufatura nos arranjos produtivos locais calçados de Franca, Birigui e Jataí, 2014, 15, .		0
76	Guiding improvement programs towards lead time reduction in a single-machine environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 66, 1987-1998.	3.0	5
77	Coping with finite storage space in job shops through order release control: an assessment by simulation. <i>International Journal of Computer Integrated Manufacturing</i> , 2013, 26, 830-838.	4.6	8
78	From time-based competition (TBC) to quick response manufacturing (QRM): the evolution of research aimed at lead time reduction. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 64, 1177-1191.	3.0	48
79	The impact of simultaneous continuous improvement in setup time and repair time on manufacturing cycle times under uncertain conditions. <i>International Journal of Production Research</i> , 2013, 51, 447-464.	7.5	24
80	Workload control and order release in two-level multi-stage job shops: an assessment by simulation. <i>International Journal of Production Research</i> , 2013, 51, 869-882.	7.5	18
81	Literature review regarding Ant Colony Optimization applied to scheduling problems: Guidelines for implementation and directions for future research. <i>Engineering Applications of Artificial Intelligence</i> , 2013, 26, 150-161.	8.1	85
82	Scheduling in flow shop with sequence-dependent setup times: literature review and analysis. <i>International Journal of Business Innovation and Research</i> , 2013, 7, 466.	0.2	6
83	Competitive priorities of small manufacturers in Brazil. <i>Industrial Management and Data Systems</i> , 2013, 113, 856-874.	3.7	34
84	Proposta de aplicação da abordagem Quick Response Manufacturing (QRM) para a redução do lead time em operações de escritório. <i>Production</i> , 2013, 23, 1-19.	1.3	4
85	A literatura a respeito da comparação entre a teoria das restrições e a manufatura enxuta: revisão, classificação e análise. <i>Gestão & Produção</i> , 2013, 20, 615-638.	0.5	2
86	Otimização por colônia de formigas para o problema de sequenciamento de tarefas em uma máquina com terceirização permitida. <i>Gestão & Produção</i> , 2013, 20, 76-86.	0.5	1
87	Effect of lot-size reduction and continuous improvement programmes on work in process and utilisation: a study for single-machine and flow-shop environments. <i>International Journal of Logistics Research and Applications</i> , 2012, 15, 285-302.	8.8	7
88	The performance of Due Date setting rules in assembly and multi-stage job shops: an assessment by simulation. <i>International Journal of Production Research</i> , 2012, 50, 5949-5965.	7.5	12
89	Production planning and control for remanufacturing: literature review and analysis. <i>Production Planning and Control</i> , 2012, 23, 419-435.	8.8	125
90	Redução do lead time e entregas no prazo em pequenas e médias empresas que fabricam sob encomenda: a abordagem Workload Control (WLC) para o Planejamento e Controle da Produção (PCP). <i>Gestão & Produção</i> , 2012, 19, 43-58.	0.5	3

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91	Proposta de um método para atingir a manufatura responsiva na indústria de calçados: implantação e avaliação por meio de uma pesquisa-ação. <i>Gestão & Produção</i> , 2012, 19, 509-529.	0.5	5
92	Utilização da abordagem Quick Response Manufacturing em uma empresa de materiais de escrita: proposta e análise de benefícios esperados. <i>Gestão & Produção</i> , 2011, 18, 525-540.	0.5	6
93	The effect of shop floor continuous improvement programs on the lot size-cycle time relationship in a multi-product single-machine environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 52, 669-681.	3.0	30
94	An ant colony optimization approach to a permutational flowshop scheduling problem with outsourcing allowed. <i>Computers and Operations Research</i> , 2011, 38, 1286-1293.	4.0	46
95	A software model to prototype ant colony optimization algorithms. <i>Expert Systems With Applications</i> , 2011, 38, 249-259.	7.6	4
96	Identificação de foco estratégico e de consistência entre fins e meios em empresas calçadistas do Estado de São Paulo. <i>Gestão & Produção</i> , 2011, 18, 391-408.	0.5	0
97	A evolução da gestão de compras em uma empresa do segmento de material escolar: estudo de caso longitudinal. <i>Production</i> , 2011, 21, 76-93.	1.3	2
98	Chinese Postman Problem (CPP): solution methods and computational time. <i>International Journal of Logistics Systems and Management</i> , 2010, 7, 324.	0.2	2
99	Variations of the kanban system: literature review and classification. <i>International Journal of Production Economics</i> , 2010, 125, 13-21.	8.9	304
100	Proposta de utilização do sistema Period Batch Control para redução de lead time em uma empresa de bens de capital. <i>Production</i> , 2010, 20, 612-625.	1.3	3
101	Estudo do efeito de programas de melhoria contínua em variáveis do ciclo de fábrica na relação entre tamanho de lote de produção e lead time: lead time relationship. <i>Gestão & Produção</i> , 2010, 17, 137-148.	0.5	6
102	Pesquisa em gestão da produção na indústria de calçados: revisão, classificação e análise. <i>Gestão & Produção</i> , 2009, 16, 163-186.	0.5	14
103	Efeito da redução do tamanho de lote e de programas de Melhoria Contínua no Estoque em Processo (WIP) e na Utilização: estudo utilizando uma abordagem híbrida System Dynamics - Factory Physics. <i>Production</i> , 2009, 19, 214-229.	1.3	8
104	A proposal for integrating production control and quality control. <i>Industrial Management and Data Systems</i> , 2009, 109, 683-707.	3.7	11
105	Identifying production planning and control top authors: analysis of a survey. <i>International Journal of Business Innovation and Research</i> , 2009, 3, 461.	0.2	2
106	Proposta de um framework para prototipagem de sistemas heurísticos multiagentes baseados em algoritmos de colônia de formigas. <i>Pesquisa Operacional</i> , 2009, 29, 643-668.	0.4	0
107	Adaptações ao sistema kanban: revisão, classificação, análise e avaliação. <i>Gestão & Produção</i> , 2008, 15, 173-188.	0.5	6
108	O uso da programação inteira 0-1 para o balanceamento de linhas de montagem: modelagem, estudos de caso e avaliação. <i>Production</i> , 2008, 18, 210-221.	1.3	3

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109	UMA METODOLOGIA BASEADA EM INDICADORES DE DESEMPENHO PARA AVALIAÇÃO DA IMPLANTAÇÃO DA MANUFATURA ENXUTA: PROPOSTA E ESTUDO DE CASO. Revista Gestão Industrial, 2008, 4, .	0.0	2
110	Identificação dos principais autores em planejamento e controle da produção por meio de um survey mundial com pesquisadores da área. Gestão & Produção, 2007, 14, 83-95.	0.5	8
111	Sistemas de coordenação de ordens: revisão, classificação, funcionamento e aplicabilidade. Gestão & Produção, 2007, 14, 337-352.	0.5	5
112	IDENTIFICAÇÃO DO GRAU DE TURBULÊNCIA DO MERCADO CALÇADISTA: ANÁLISE POR MEIO DE UM SURVEY NOS PÁRQUIS DE FRANCA, BIRIGUI E JARÁ. Revista Gestão Industrial, 2007, 3, .	0.0	0
113	Problema do carteiro chinês: escolha de métodos de solução e análise de tempos computacionais. Production, 2006, 16, 538-551.	1.3	3
114	Redução da instabilidade e melhoria de desempenho do sistema MRP. Production, 2006, 16, 64-79.	1.3	0
115	Paradigmas Estratégicos de Gestão da Manufatura (PEGEMs): elementos-chave e modelo conceitual. Gestão & Produção, 2005, 12, 333-345.	0.5	7
116	Manufatura Enxuta: uma revisão que classifica e analisa os trabalhos apontando perspectivas de pesquisas futuras. Gestão & Produção, 2004, 11, 1-19.	0.5	34
117	A integração MRP II - CPM: estudo de caso e proposta de um sistema híbrido. Production, 2004, 14, 31-43.	1.3	0
118	Um sistema para classificar e codificar os trabalhos que relacionam o controle da produção e o controle da qualidade. Gestão & Produção, 2003, 10, 89-107.	0.5	4
119	Lean practices and their effect on performance: a literature review. Production Planning and Control, 0, , 1-24.	8.8	61