

Flavio S Fogliatto

List of Publications by Citations

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105
papers

2,761
citations

22
h-index

51
g-index

119
ext. papers

3,437
ext. citations

3.9
avg, IF

5.66
L-index

#	Paper	IF	Citations
105	Mass customization: Literature review and research directions. <i>International Journal of Production Economics</i> , 2001 , 72, 1-13	9.3	769
104	The mass customization decade: An updated review of the literature. <i>International Journal of Production Economics</i> , 2012 , 138, 14-25	9.3	438
103	Learning curve models and applications: Literature review and research directions. <i>International Journal of Industrial Ergonomics</i> , 2011 , 41, 573-583	2.9	248
102	Mass customization: A method for market segmentation and choice menu design. <i>International Journal of Production Economics</i> , 2008 , 111, 606-622	9.3	64
101	Method for assessing human resources management practices and organisational learning factors in a company under lean manufacturing implementation. <i>International Journal of Production Research</i> , 2014 , 52, 4623-4645	7.8	63
100	Text mining approach to predict hospital admissions using early medical records from the emergency department. <i>International Journal of Medical Informatics</i> , 2017 , 100, 1-8	5.3	62
99	Relationships between lean product development enablers and problems. <i>International Journal of Production Research</i> , 2016 , 54, 2837-2855	7.8	61
98	Forecasting Daily Volume and Acuity of Patients in the Emergency Department. <i>Computational and Mathematical Methods in Medicine</i> , 2016 , 2016, 3863268	2.8	60
97	Variable selection methods in multivariate statistical process control: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2018 , 115, 603-619	6.4	60
96	Learning curve modelling of work assignment in mass customized assembly lines. <i>International Journal of Production Research</i> , 2007 , 45, 2919-2938	7.8	52
95	Chaotic genetic algorithm and Adaboost ensemble metamodeling approach for optimum resource planning in emergency departments. <i>Artificial Intelligence in Medicine</i> , 2018 , 84, 23-33	7.4	43
94	Flexibility-driven index for measuring mass customization feasibility on industrialized products. <i>International Journal of Production Research</i> , 2003 , 41, 1811-1829	7.8	42
93	Text mining approach to explore dimensions of airline customer satisfaction using online customer reviews. <i>Journal of Air Transport Management</i> , 2020 , 83, 101760	5.1	42
92	Selecting the best clustering variables for grouping mass-customized products involving workers' learning. <i>International Journal of Production Economics</i> , 2011 , 130, 268-276	9.3	39
91	Healthcare 4.0: trends, challenges and research directions. <i>Production Planning and Control</i> , 2020 , 31, 1245-1260	4.3	37
90	Making the value flow: application of value stream mapping in a Brazilian public healthcare organisation. <i>Total Quality Management and Business Excellence</i> , 2017 , 28, 1544-1558	2.7	35
89	Learning organisation and human resources management practices: an exploratory research in medium-sized enterprises undergoing a lean implementation. <i>International Journal of Production Research</i> , 2015 , 53, 3989-4000	7.8	29

88	PLS discriminant analysis applied to conventional sensory profiling data. <i>Food Quality and Preference</i> , 2012 , 23, 18-24	5.8	24
87	A review of recent variable selection methods in industrial and chemometrics applications. <i>European Journal of Industrial Engineering</i> , 2014 , 8, 619	1.1	23
86	Scheduling learning dependent jobs in customised assembly lines. <i>International Journal of Production Research</i> , 2010 , 48, 6683-6699	7.8	23
85	Multiresponse optimization of products with functional quality characteristics. <i>Quality and Reliability Engineering International</i> , 2008 , 24, 927-939	2.6	23
84	A method for panelists' consistency assessment in sensory evaluations based on the Cronbach's alpha coefficient. <i>Food Quality and Preference</i> , 2014 , 32, 41-47	5.8	22
83	Effects of contingencies on healthcare 4.0 technologies adoption and barriers in emerging economies. <i>Technological Forecasting and Social Change</i> , 2020 , 156, 120048	9.5	21
82	Critical characteristics for the implementation of mass-customized services. <i>European Business Review</i> , 2015 , 27, 513-534	13.1	21
81	Selecting relevant Fourier transform infrared spectroscopy wavenumbers for clustering authentic and counterfeit drug samples. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 363-8	2	19
80	Impacts of Healthcare 4.0 digital technologies on the resilience of hospitals. <i>Technological Forecasting and Social Change</i> , 2021 , 166, 120666	9.5	18
79	Data mining-based method for identifying discriminant attributes in sensory profiling. <i>Food Quality and Preference</i> , 2011 , 22, 139-148	5.8	17
78	Fault detection in batch processes through variable selection integrated to multiway principal component analysis. <i>Journal of Process Control</i> , 2019 , 80, 223-234	3.9	16
77	MINIMIZING MANUFACTURING AND QUALITY COSTS IN MULTIRESPONSE OPTIMIZATION. <i>Quality Engineering</i> , 2000 , 13, 191-201	1.4	16
76	Element selection and concentration analysis for classifying South America wine samples according to the country of origin. <i>Computers and Electronics in Agriculture</i> , 2018 , 150, 33-40	6.5	15
75	A hierarchical method for evaluating products with quantitative and sensory characteristics. <i>IIE Transactions</i> , 2001 , 33, 1081-1092		14
74	Grouping workers with similar learning profiles in mass customization production lines. <i>Computers and Industrial Engineering</i> , 2019 , 131, 542-551	6.4	13
73	Learning dependent job scheduling in mass customized scenarios considering ergonomic factors. <i>International Journal of Production Economics</i> , 2014 , 154, 136-145	9.3	13
72	Planejamento sistemático de layout com apoio de análise de decisão multicritério. <i>Production</i> , 2008 , 18, 609-624	1.3	13
71	Integration of Industry 4.0 technologies into Total Productive Maintenance practices. <i>International Journal of Production Economics</i> , 2021 , 240, 108224	9.3	13

70	Layout Planning in Healthcare Facilities: A Systematic Review. <i>Herd</i> , 2019 , 12, 31-44	2.4	12
69	MINIMIZING MANUFACTURING AND QUALITY COSTS IN MULTIRESPONSE OPTIMIZATION. <i>Quality Engineering</i> , 2001 , 13, 559-569	1.4	12
68	Lean-healthcare approach to reduce costs in a sterilization plant based on surgical tray rationalization. <i>Production Planning and Control</i> , 2020 , 31, 483-495	4.3	12
67	Systematic Layout Planning of a Radiology Reporting Area to Optimize Radiologists' Performance. <i>Journal of Digital Imaging</i> , 2018 , 31, 193-200	5.3	12
66	A HIERARCHICAL APPROACH TO OPTIMIZING DESCRIPTIVE ANALYSIS MULTIRESPONSE EXPERIMENTS. <i>Journal of Sensory Studies</i> , 1999 , 14, 443-465	2.2	11
65	Simulation-based optimization methods applied in hospital emergency departments: A systematic review. <i>Simulation</i> , 2020 , 96, 791-806	1.2	10
64	Troca rápida de ferramentas: proposta metodológica e estudo de caso. <i>Gestão & Produção</i> , 2003 , 10, 163-181	0.9	9
63	An AHP-based procedure for sensory data collection and analysis in quality and reliability applications. <i>Food Quality and Preference</i> , 2003 , 14, 375-385	5.8	9
62	Measuring the effect of Healthcare 4.0 implementation on hospitals' performance. <i>Production Planning and Control</i> , 2020 , 1-16	4.3	9
61	Analysing the influence of organisational culture and leadership styles on the implementation of lean manufacturing. <i>Production Planning and Control</i> , 2020 , 1-13	4.3	9
60	Demographics of mass customization: a global study of manufacturing plants. <i>Production</i> , 2016 , 26, 1-11	11.3	9
59	Decision Support for Breast Cancer Detection: Classification Improvement Through Feature Selection. <i>Cancer Control</i> , 2019 , 26, 1073274819876598	2.2	8
58	Development of a local relative value unit to measure radiologists' computed tomography reporting workload. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016 , 60, 714-719	1.7	8
57	Curvas de aprendizado: estado da arte e perspectivas de pesquisa. <i>Gestão & Produção</i> , 2007 , 14, 109-123	0.9	8
56	A genetic algorithm-based framework for wavelength selection on sample categorization. <i>Drug Testing and Analysis</i> , 2017 , 9, 1172-1181	3.5	7
55	Lean-Oriented Layout Design of a Health Care Facility. <i>Quality Management in Health Care</i> , 2019 , 28, 25-32	1	7
54	A Six Sigma Approach to Analyze Time-to-Assembly Variance of Surgical Trays in a Sterile Services Department. <i>Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality</i> , 2018 , 40, e46-e53	1	7
53	Projeto econômico de cartas adaptativas para monitoramento de processos. <i>Gestão & Produção</i> , 2002 , 9, 17-31	0.9	6

52	Mediating role of learning organization on the relationship between total quality management and operational performance in Brazilian manufacturers. <i>Journal of Manufacturing Technology Management</i> , 2019 , 31, 524-541	7.1	6
51	Development and Validation of a Predictive Model of Success in Bariatric Surgery. <i>Obesity Surgery</i> , 2021 , 31, 1030-1037	3.7	6
50	Hierarchical classification of sparkling wine samples according to the country of origin based on the most informative chemical elements. <i>Food Control</i> , 2019 , 106, 106737	6.2	5
49	User-oriented method for selecting workstation components. <i>International Journal of Industrial Ergonomics</i> , 2004 , 33, 133-147	2.9	5
48	Método de análise de maturidade e priorização de melhorias na gestão do Processo de Desenvolvimento de Produtos. <i>Production</i> , 2010 , 20, 359-377	1.3	4
47	A model to quantify the Bullwhip Effect in systems with stochastic demand and lead time 2008 ,		4
46	Effects of technology adoption on mass customization ability of broad and narrow market firms. <i>Gestão & Produção</i> , 2005 , 12, 347-359	0.9	4
45	Surgery scheduling heuristic considering OR downstream and upstream facilities and resources. <i>BMC Health Services Research</i> , 2020 , 20, 684	2.9	4
44	Assessment and prioritisation of Healthcare 4.0 implementation in hospitals using Quality Function Deployment. <i>International Journal of Production Research</i> , 1-23	7.8	4
43	Predicting the occurrence of surgical site infections using text mining and machine learning. <i>PLoS ONE</i> , 2019 , 14, e0226272	3.7	4
42	Digital technologies: An exploratory study of their role in the resilience of healthcare services. <i>Applied Ergonomics</i> , 2021 , 97, 103517	4.2	4
41	Estudos de repetitividade e reprodutividade para dados funcionais. <i>Production</i> , 2013 , 23, 548-560	1.3	3
40	Estado da arte das aplicações de curvas de aprendizado. <i>Gestão & Produção</i> , 2013 , 20, 681-694	0.9	3
39	Gráficos de controle multivariados para monitoramento de processos não lineares em bateladas. <i>Production</i> , 2011 , 21, 132-148	1.3	3
38	Programação de tarefas baseada em curvas de aprendizado para linhas de produção customizadas. <i>Revista Produção Online</i> , 2011 , 11, 851	0	3
37	Alocação de modelos de produtos a equipes de trabalhadores baseada em modelos de curvas de aprendizagem. <i>Production</i> , 2005 , 15, 221-234	1.3	3
36	Passos para implantação de sistemas de previsão de demanda: técnicas e estudo de caso. <i>Production</i> , 2001 , 11, 43-64	1.3	3
35	Healthcare cost reduction through the integration of Healthcare 4.0 technologies in developing economies. <i>Total Quality Management and Business Excellence</i> , 1-21	2.7	3

34	Seleção de atributos em avaliações sensoriais descritivas. <i>Production</i> , 2012 , 22, 380-390	1.3	3
33	Monitor, anticipate, respond, and learn: Developing and interpreting a multilayer social network of resilience abilities. <i>Safety Science</i> , 2021 , 136, 105148	5.8	3
32	Differences in thinking styles across professionals with different academic backgrounds when developing a product. <i>Architectural Engineering and Design Management</i> , 2021 , 17, 3-16	1.2	3
31	Contributions of Industry 4.0 to supply chain resilience. <i>International Journal of Logistics Management</i> , 2021 , ahead-of-print,	4.5	3
30	Contributions of Healthcare 4.0 digital applications to the resilience of healthcare organizations during the COVID-19 outbreak. <i>Technovation</i> , 2021 , 102379	7.9	3
29	Enhancing counterfeit and illicit medicines grouping via feature selection and X-ray fluorescence spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 198-205	3.5	2
28	Método para implementação de planejamento de vendas e operações (S&OP) aplicado em empresa do ramo automotivo. <i>Revista Produção Online</i> , 2016 , 16, 781	0	2
27	Análise de conglomerados em curvas de aprendizado para formação de agrupamentos homogêneos de trabalhadores. <i>Production</i> , 2013 , 23, 537-547	1.3	2
26	Definição do prazo de garantia de um produto otimizado experimentalmente. <i>Gestão & Produção</i> , 2005 , 12, 239-253	0.9	2
25	A hierarchical method for evaluating products with quantitative and sensory characteristics. <i>IIE Transactions</i> , 2001 , 33, 1081-1092		2
24	Man vs. machine: Predicting hospital bed demand from an emergency department. <i>PLoS ONE</i> , 2020 , 15, e0237937	3.7	2
23	Approaches to the rationalization of surgical instrument trays: scoping review and research agenda. <i>BMC Health Services Research</i> , 2021 , 21, 163	2.9	2
22	Information and communication technologies in emergency care services for patients with COVID-19: a multi-national study. <i>International Journal of Production Research</i> , 1-17	7.8	2
21	Customized prediction of attendance to soccer matches based on symbolic regression and genetic programming. <i>Expert Systems With Applications</i> , 2022 , 187, 115912	7.8	2
20	Digital transformation of health services: a value stream-oriented approach. <i>International Journal of Production Research</i> , 1-15	7.8	2
19	Sistemática para avaliação e melhoria da flexibilidade de layout em ambientes dinâmicos. <i>Gestão & Produção</i> , 2013 , 20, 235-254	0.9	1
18	Robust design and analysis for quality engineering. <i>IIE Transactions</i> , 1997 , 29, 1084-1086		1
17	Controle multivariado de processos em batelada com duração variável. <i>Production</i> , 2008 , 18, 240-259	1.3	1

16	Modelagem do Efeito Chicote em ambientes com demanda e lead time estocásticos mediante uma nova política de tratamento dos excessos de estoque. <i>Production</i> , 2009 , 19, 27-40	1.3	1
15	Playful interventions to promote the subjective wellbeing of pediatric cancer inpatients during laboratory and imaging exams: A qualitative study.. <i>European Journal of Oncology Nursing</i> , 2022 , 56, 102094	2.8	1
14	How to identify key players that contribute to resilient performance: A social network analysis perspective. <i>Safety Science</i> , 2022 , 148, 105648	5.8	1
13	Modelagem matemática do efeito chicote em ambientes com demanda e lead time estocásticos. <i>Pesquisa Operacional</i> , 2009 , 29, 129-151	0.3	1
12	Strategies for synchronizing chocolate conching batch process data using dynamic time warping. <i>Journal of Food Science and Technology</i> , 2020 , 57, 122-133	3.3	1
11	Hospital Investment Decisions in Healthcare 4.0 Technologies: Scoping Review and Framework for Exploring Challenges, Trends, and Research Directions. <i>Journal of Medical Internet Research</i> , 2021 , 23, e27571	7.6	1
10	Forecasting the length-of-stay of pediatric patients in hospitals: a scoping review. <i>BMC Health Services Research</i> , 2021 , 21, 938	2.9	1
9	Combining wavelength importance ranking to the random forest classifier to analyze multiclass spectral data. <i>Forensic Science International</i> , 2021 , 328, 110998	2.6	1
8	Dynamic capacity allocation in a radiology service considering different types of patients, individual no-show probabilities, and overbooking. <i>BMC Health Services Research</i> , 2021 , 21, 968	2.9	0
7	Distance-based ANOVA for functional data. <i>European Journal of Industrial Engineering</i> , 2016 , 10, 760	1.1	
6	Definição de características críticas na implementação de serviços customizados em massa. <i>Production</i> , 2014 , 24, 911-926	1.3	
5	Monitoring Nonlinear Batch Process Using Statis-Based Method. <i>Applied Mechanics and Materials</i> , 2014 , 518, 350-355	0.3	
4	Otimização de experimentos com variáveis de resposta descritas por perfis. <i>Pesquisa Operacional</i> , 2008 , 28, 577-595	0.3	
3	Metodologia para o balanceamento de linhas de montagem multi-modelo em ambientes de customização em massa. <i>Gestão & Produção</i> , 2007 , 14, 267-279	0.9	
2	Estratégias para modelagem de dados multivariados na presença de correlação. <i>Gestão & Produção</i> , 2000 , 7, 17-28	0.9	
1	Productivity evaluation of radiologists interpreting computed tomography scans using statistical process control charts. <i>Clinical Imaging</i> , 2021 , 77, 135-141	2.7	