

# Alejandro Mac Cawley

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

733  
citations

933447

10  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing an expected value with a multistage stochastic optimization approach for the case of wine grape harvesting operations with quality degradation. <i>International Transactions in Operational Research</i> , 2023, 30, 1843-1873.	2.7	4
2	Measuring the effect of Healthcare 4.0 implementation on hospitals' performance. <i>Production Planning and Control</i> , 2022, 33, 386-401.	8.8	26
3	Assessment and prioritisation of Healthcare 4.0 implementation in hospitals using Quality Function Deployment. <i>International Journal of Production Research</i> , 2022, 60, 3147-3169.	7.5	19
4	Prediction of slaughterhouse workers' RULA scores and knife edge using low-cost inertial measurement sensor units and machine learning algorithms. <i>Applied Ergonomics</i> , 2022, 98, 103556.	3.1	10
5	Healthcare costs' reduction through the integration of Healthcare 4.0 technologies in developing economies. <i>Total Quality Management and Business Excellence</i> , 2022, 33, 467-487.	3.8	14
6	The impact of Industry 4.0 on the relationship between TPM and maintenance performance. <i>Journal of Manufacturing Technology Management</i> , 2022, 33, 489-520.	6.4	21
7	Scheduling wine bottling operations with multiple lines and sequence-dependent set-up times: Robust formulation and a decomposition solution approach. <i>European Journal of Operational Research</i> , 2022, 303, 819-839.	5.7	3
8	Pandemic's effect on the relationship between lean implementation and service performance. <i>Journal of Service Theory and Practice</i> , 2021, 31, 203-224.	3.2	26
9	Influence of team members' characteristics on the sustainability of continuous improvement initiatives. <i>Total Quality Management and Business Excellence</i> , 2021, 32, 852-868.	3.8	11
10	Determining optimal laser-beam cutting equipment investment through a robust optimization modeling approach. <i>PLoS ONE</i> , 2021, 16, e0254893.	2.5	2
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.	4.3	10
12	Implementing a material planning and control method for special nutrition in a Brazilian public hospital. <i>International Journal of Health Planning and Management</i> , 2021, , .	1.7	0
13	Properly Estimating Risk in Emerging Markets: A Comparison of Beta Adjustment Techniques. <i>Emerging Markets Finance and Trade</i> , 2020, 56, 693-729.	3.1	3
14	A real options approach for joint overhaul and replacement strategies with mean reverting prices. <i>Annals of Operations Research</i> , 2020, 286, 303-324.	4.1	5
15	Organizational learning paths based upon industry 4.0 adoption: An empirical study with Brazilian manufacturers. <i>International Journal of Production Economics</i> , 2020, 219, 284-294.	8.9	228
16	Healthcare 4.0: trends, challenges and research directions. <i>Production Planning and Control</i> , 2020, 31, 1245-1260.	8.8	113
17	Effects of contingencies on healthcare 4.0 technologies adoption and barriers in emerging economies. <i>Technological Forecasting and Social Change</i> , 2020, 156, 120048.	11.6	39
18	Entry Timing Advantages in Renewable Natural Resources Industries. <i>Journal of Management Studies</i> , 2019, 56, 1482-1512.	8.3	10

#	ARTICLE	IF	CITATIONS
19	Managing premium wines using an $(s - 1, s)$ inventory policy: a heuristic solution approach. <i>Annals of Operations Research</i> , 2019, 280, 351-376.	4.1	5
20	Assessing the benefits of labelling postponement in an export-focused winery. <i>International Journal of Production Research</i> , 2018, 56, 4132-4151.	7.5	22
21	Technology investment effects in performance-based maintenance contracts. <i>International Journal of Production Research</i> , 2018, 56, 2628-2645.	7.5	9
22	Integrating mining loading and hauling equipment selection and replacement decisions using stochastic linear programming. <i>International Journal of Mining, Reclamation and Environment</i> , 2017, 31, 52-65.	2.8	4
23	Optimal repairable spare-parts procurement policy under total business volume discount environment. <i>Reliability Engineering and System Safety</i> , 2017, 159, 276-282.	8.9	8
24	An optimization approach for scheduling wine grape harvest operations. <i>International Journal of Production Economics</i> , 2008, 112, 985-999.	8.9	127