

Elizabeth A Cudney

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4306077/publications.pdf>

Version: 2024-02-01

81
papers

1,782
citations

331670

21
h-index

330143

37
g-index

82
all docs

82
docs citations

82
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Data Mining and Machine Learning Retention Models in Higher Education. The Journal of College Student Retention: Researchory and Practice, 2023, 25, 51-75.	1.5	23
2	Framework for Lean Implementation Through Fuzzy AHP-COPRAS Integrated Approach. IEEE Transactions on Engineering Management, 2023, 70, 3836-3848.	3.5	6
3	An evaluation of Lean and Six Sigma methodologies in the national health service. International Journal of Quality and Reliability Management, 2023, 40, 25-52.	2.0	19
4	Decision-making through fuzzy TOPSIS and COPRAS approaches for lean tools selection: A case study of automotive accessories manufacturing industry. International Journal of Management Science and Engineering Management, 2023, 18, 26-35.	3.1	3
5	A study on critical failure factors of Design for Six Sigma in Indian companies: results from a pilot survey. TQM Journal, 2023, 35, 1072-1093.	3.3	4
6	A critical evaluation of organizational readiness for continuous improvement within a UK public utility company. Public Money and Management, 2022, 42, 584-592.	2.1	4
7	Reducing pharmacy medication errors using Lean Six Sigma: A Thai hospital case study. Total Quality Management and Business Excellence, 2022, 33, 664-682.	3.8	19
8	A novel and practical conceptual framework to support Lean Six Sigma deployment in manufacturing SMEs. Total Quality Management and Business Excellence, 2022, 33, 1233-1263.	3.8	10
9	Using Six Sigma DMAIC for Lean project management in education: a case study in a German kindergarten. Total Quality Management and Business Excellence, 2022, 33, 1489-1509.	3.8	10
10	A meta-analytic investigation of lean practices and their impact on organisational performance. Total Quality Management and Business Excellence, 2022, 33, 1799-1825.	3.8	8
11	Prioritizing Indicators for Sustainability Assessment in Manufacturing Process: An Integrated Approach. Sustainability, 2022, 14, 3264.	3.2	12
12	The impact of Lean Six Sigma practices on supply chain resilience during COVID 19 disruption: a conceptual framework. Total Quality Management and Business Excellence, 2022, 33, 1913-1931.	3.8	11
13	Techno-Economic Feasibility Analysis of a Fully Mobile Radiation Oncology System Using Monte Carlo Simulation. JCO Global Oncology, 2022, , .	1.8	2
14	Systematic literature review of quality maturity matrix. Total Quality Management and Business Excellence, 2021, 32, 289-297.	3.8	7
15	Lean business models in healthcare: a systematic review. Total Quality Management and Business Excellence, 2021, 32, 558-573.	3.8	22
16	Lean Six Sigma in the public sector: yesterday, today and tomorrow. Total Quality Management and Business Excellence, 2021, 32, 528-540.	3.8	15
17	Design of experiments in the service industry: results from a global survey and directions for further research. TQM Journal, 2021, 33, 987-1000.	3.3	3
18	Lean Six Sigma as an organizational resilience mechanism in health care during the era of COVID-19. International Journal of Lean Six Sigma, 2021, 12, 762-783.	3.3	42

#	ARTICLE	IF	CITATIONS
19	A study into the pros and cons of ISO 18404: viewpoints from leading academics and practitioners. TQM Journal, 2021, 33, 1845-1866.	3.3	7
20	Voice of the customer as a tool for service quality analysis in public transport. TQM Journal, 2021, , .	3.3	3
21	Development of a conceptual method for sustainability assessment in manufacturing. Computers and Industrial Engineering, 2021, 158, 107403.	6.3	24
22	Systematic review of Lean and Six Sigma approaches in higher education. Total Quality Management and Business Excellence, 2020, 31, 231-244.	3.8	33
23	An integrated methodology for evaluating patient service quality. Total Quality Management and Business Excellence, 2020, 31, 1738-1759.	3.8	1
24	An empirical study to investigate the effects of critical factors on TQM implementation in the garment industry in Bangladesh. International Journal of Quality and Reliability Management, 2020, 37, 1209-1232.	2.0	59
25	Design of experiments in the service industry: a critical literature review and future research directions. TQM Journal, 2020, 32, 1159-1175.	3.3	15
26	Lean Six Sigma in Higher Education: State-of-the-Art Findings and Agenda for Future Research*. , 2020, , 23-42.		1
27	A multiple integrated approach for modelling critical success factors in sustainable LSS implementation. Computers and Industrial Engineering, 2020, 150, 106865.	6.3	32
28	Evaluating factors affecting patient satisfaction using the Kano model. International Journal of Health Care Quality Assurance, 2019, 32, 137-151.	0.9	26
29	A directed content analysis of viewpoints on the changing patterns of Lean Six Sigma research. TQM Journal, 2019, 31, 641-654.	3.3	15
30	Understanding and evaluating teaching effectiveness in the UK higher education sector using experimental design. International Journal of Quality and Reliability Management, 2019, 36, 202-216.	2.0	13
31	A decision support simulation model for bed management in healthcare. International Journal of Health Care Quality Assurance, 2019, 32, 499-515.	0.9	14
32	An evaluation into the limitations and emerging trends of Six Sigma: an empirical study. TQM Journal, 2019, 31, 205-221.	3.3	52
33	Lean Six Sigma for the healthcare sector: a multiple case study analysis from the Indian context. International Journal of Quality and Reliability Management, 2019, 37, 90-111.	2.0	44
34	Lean Six Sigma in policing services: case examples, lessons learnt and directions for future research. Total Quality Management and Business Excellence, 2019, 30, 613-625.	3.8	31
35	The application of Kano model in the healthcare industry: a systematic literature review. Total Quality Management and Business Excellence, 2019, 30, 660-681.	3.8	69
36	Primary Factors Statistically Associated with Diarrheal Occurrences. Environmental Engineering Science, 2018, 35, 836-845.	1.6	8

#	ARTICLE	IF	CITATIONS
37	Lean Six Sigma journey in a UK higher education institute: a case study. <i>International Journal of Quality and Reliability Management</i> , 2018, 35, 510-526.	2.0	39
38	Gamified learning in higher education: A systematic review of the literature. <i>Computers in Human Behavior</i> , 2018, 87, 192-206.	8.5	361
39	Six Sigma in education. <i>Quality Assurance in Education</i> , 2017, 25, 91-108.	1.5	19
40	Lean Six Sigma for public sector organizations: is it a myth or reality?. <i>International Journal of Quality and Reliability Management</i> , 2017, 34, 1402-1411.	2.0	63
41	Analysis of Clinic Layouts and Patient-Centered Procedural Innovations Using Discrete-Event Simulation. <i>EMJ - Engineering Management Journal</i> , 2016, 28, 134-144.	2.3	14
42	One Size Does Not Fit All: Utilizing Quality Function Deployment for Course Design. <i>Quality Management Journal</i> , 2016, 23, 37-53.	1.4	6
43	Empirical Study Utilizing QFD to Develop an International Marketing Strategy. <i>Sustainability</i> , 2015, 7, 10756-10769.	3.2	4
44	Relationship between lean and safety. <i>International Journal of Lean Enterprise Research</i> , 2015, 1, 217.	0.1	4
45	A Methodology for Applying Quality Function Deployment to the Commissioning Process. <i>EMJ - Engineering Management Journal</i> , 2015, 27, 177-187.	2.3	14
46	Mahalanobis Taguchi system: a review. <i>International Journal of Quality and Reliability Management</i> , 2015, 32, 291-307.	2.0	35
47	Measuring the Impact of Project-Based Learning in Six Sigma Education. <i>Journal of Enterprise Transformation</i> , 2014, 4, 272-288.	1.0	20
48	A systematic literature review of Six Sigma practices in education. <i>International Journal of Six Sigma and Competitive Advantage</i> , 2014, 8, 163.	0.4	17
49	Virtual modelling for simulation-based lean education. <i>International Journal of Lean Enterprise Research</i> , 2014, 1, 3.	0.1	4
50	Enhancing engineering education using project-based learning for Lean and Six Sigma. <i>International Journal of Lean Six Sigma</i> , 2014, 5, 45-61.	3.3	56
51	Customer-driven hotel landscaping design: a case study. <i>International Journal of Quality and Reliability Management</i> , 2013, 30, 832-852.	2.0	6
52	Project based learning for quality and Six Sigma education. <i>International Journal of Six Sigma and Competitive Advantage</i> , 2013, 8, 51.	0.4	6
53	A Comparative Analysis of Defensive Routines in Engineering Managers Versus Non-Engineering Managers. <i>EMJ - Engineering Management Journal</i> , 2013, 25, 44-51.	2.3	7
54	Analyzing Customer Requirements for the American Society of Engineering Management Using Quality Function Deployment. <i>EMJ - Engineering Management Journal</i> , 2012, 24, 47-57.	2.3	14

#	ARTICLE	IF	CITATIONS
55	A comparison of representations for the prediction of ground-level ozone concentration. , 2012, , .		0
56	Introduction of R-LCS and comparative analysis with FSC and Mahalanobis-Taguchi method for Breast Cancer classification. , 2012, , .		1
57	Integration of dynamic multi-response systems using the product of normalised squared-bias and variance. International Journal of Quality Engineering and Technology, 2012, 3, 108.	0.0	3
58	Form Errors in Precision Metrology: A Survey of Measurement Techniques. Quality Engineering, 2012, 24, 369-380.	1.1	26
59	Comparative Analysis of Quality Function Deployment Methodologies: A Case Study Analysis. Quality Management Journal, 2012, 19, 7-23.	1.4	25
60	Design for Six Sigma Identify-Define-Design-Optimize-Validate (IDDOV) Roadmap Overview. , 2012, , 5-48.		0
61	A comparison of Finite State Classifier and Mahalanobis-Taguchi System for multivariate pattern recognition in skin cancer detection. , 2011, , .		6
62	Determining the optimum manufacturing target using the inverted normal loss function. International Journal of Quality Engineering and Technology, 2011, 2, 173.	0.0	1
63	Leaning and Greening the Supply Chain. Industry and Higher Education, 2011, 25, 53-58.	2.2	1
64	Quality loss function for bivariate response – unified methodology. International Journal of Quality Engineering and Technology, 2011, 2, 229.	0.0	1
65	Impact of integrative design on additive manufacturing quality. International Journal of Rapid Manufacturing, 2011, 2, 121.	0.5	6
66	Model Development of a Virtual Learning Environment to Enhance Lean Education. Procedia Computer Science, 2011, 6, 100-105.	2.0	26
67	Methods and considerations for the development of emerging manufacturing technologies into a global aerospace supply chain. International Journal of Production Research, 2011, 49, 2819-2831.	7.5	19
68	A comparative analysis of integrating lean concepts into supply chain management in manufacturing and service industries. International Journal of Lean Six Sigma, 2011, 2, 5-22.	3.3	87
69	Incorporating lean concepts into supply chain management. International Journal of Six Sigma and Competitive Advantage, 2010, 6, 12.	0.4	45
70	Predicting vehicle cost using the T-method. International Journal of Product Development, 2010, 12, 311.	0.2	4
71	QFD Application in the Hospitality Industry: A Hotel Case Study. Quality Management Journal, 2010, 17, 7-28.	1.4	56
72	Forecasting Consumer Satisfaction for Vehicle Ride Using the Mahalanobis-Taguchi Gram-Schmidt Technique. EMJ - Engineering Management Journal, 2010, 22, 3-9.	2.3	4

#	ARTICLE	IF	CITATIONS
73	Forecasting consumer satisfaction for vehicle ride using a multivariate measurement system. International Journal of Industrial and Systems Engineering, 2009, 4, 683.	0.2	10
74	Comparing the Predictive Ability of T-Method and Cobb-Douglas Production Function for Warranty Data. , 2009, , .		1
75	Warranty Cost Prediction Using the Mahalanobis-Taguchi System. , 2009, , .		0
76	Applying the Mahalanobis-Taguchi System to Vehicle Handling. Concurrent Engineering Research and Applications, 2006, 14, 343-354.	3.2	37
77	A Comparison Study of Mahalanobis-Taguchi System and Neural Network for Multivariate Pattern Recognition. , 2005, , 109.		16
78	Implications of Quality Loss Function in Unified Methodology - LTB Case with Target. SAE International Journal of Materials and Manufacturing, 0, 1, 768-777.	0.3	3
79	Lean Six Sigma Journey in a UK Higher Education Institute: Challenges, Projects, and Key Lessons Learned. , 0, , .		2
80	Total productive maintenance. Total Quality Management and Business Excellence, 0, , 1-8.	3.8	29
81	Determining critical success factors for lean implementation. Total Quality Management and Business Excellence, 0, , 1-15.	3.8	14