Jamison V Kovach

List of Publications by Year
in descending order

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45	450	759055	794469
papers	citations	12	19
		h-index	g-index

46	46	46	297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reducing Welding Defects in Turnaround Projects: A Lean Six Sigma Case Study. Quality Engineering, 2014, 26, 168-181.	0.7	49
2	Development of a multidisciplinaryâ€“multiresponse robust design optimization model. Engineering Optimization, 2008, 40, 805-819.	1.5	41
3	Improving supply chain information sharing using Design for Six Sigma. European Research on Management and Business Economics, 2016, 22, 147-154.	3.4	32
4	Development of an experiment-based robust design paradigm for multiple quality characteristics using physical programming. International Journal of Advanced Manufacturing Technology, 2008, 35, 1100-1112.	1.5	29
5	A D-optimal design approach to constrained multiresponse robust design with prioritized mean and variance considerations. Computers and Industrial Engineering, 2009, 57, 237-245.	3.4	27
6	Multiresponse optimization using multivariate process capability index. Quality and Reliability Engineering International, 2011, 27, 465-477.	1.4	27
7	Solving Multiresponse Optimization Problems Using Quality Functionâ€“Based Robust Design. Quality Engineering, 2008, 20, 346-360.	0.7	23
8	A D-optimal design approach to robust design under constraints: a new Design for Six Sigma tool. International Journal of Six Sigma and Competitive Advantage, 2006, 2, 389.	0.3	21
9	ADVANCING Women Academic Faculty in STEM Careers: The Role of Critical HRD in Supporting Diversity and Inclusion. Advances in Developing Human Resources, 2019, 21, 72-91.	2.4	18
10	Development of a censored robust design model for timeâ€oriented quality characteristics. Quality and Reliability Engineering International, 2009, 25, 181-197.	1.4	17
11	The Influence of Continuous Improvement Practices on Learning: An Empirical Study. Quality Management Journal, 2013, 20, 6-20.	0.9	15
12	Development of a variance prioritized multiresponse robust design framework for quality improvement. International Journal of Quality and Reliability Management, 2009, 26, 380-396.	1.3	12
13	Constrained robust design experiments and optimization with the consideration of uncontrollable factors. International Journal of Advanced Manufacturing Technology, 2008, 38, 7-18.	1.5	11
14	Continuous improvement efforts in healthcare: a case study exploring the motivation, involvement and support necessary for success. International Journal of Six Sigma and Competitive Advantage, 2008, 4, 254.	0.3	11
15	Development of a multidisciplinary optimization process for designing optimal pharmaceutical formulations with constrained experimental regions. International Journal of Advanced Manufacturing Technology, 2009, 44, 841-853.	1.5	8
16	Rethinking Behavioral Health Processes by Using Design for Six Sigma. Psychiatric Services, 2015, 66, 112-114.	1.1	8
17	Achieving aggressive goals through Lean Six Sigma: A case study to improve revenue collection. Quality Engineering, 2018, 30, 371-388.	0.7	8
18	Development of product family-based robust design: a case study. International Journal of Six Sigma and Competitive Advantage, 2005, 1, 403.	0.3	7

#	Article	IF	Citations
19	Using Online Studio Groups to Improve Writing Competency: A Pilot Study in a Quality Improvement Methods Course. Decision Sciences Journal of Innovative Education, 2012, 10, 363-387.	0.5	7
20	Enhancing Financial Performance: An Application of Lean Six Sigma to Reduce Insurance Claim Denials. Quality Management in Health Care, 2018, 27, 165-171.	0.4	7
21	An approach for identifying and selecting improvement projects. Total Quality Management and Business Excellence, 2020, 31, 149-160.	2.4	7
22	Designing efficient Six Sigma experiments for service process improvement projects. International Journal of Six Sigma and Competitive Advantage, 2007, 3, 72.	0.3	6
23	Using Lean Six Sigma to Reduce Patient Cycle Time in a Nonprofit Community Clinic. Quality Management in Health Care, 2019, 28, 169-175.	0.4	6
24	Error proofing healthcare: an analysis of low cost, easy to implement and effective solutions. Leadership in Health Services, 2013, 26, 107-117.	0.5	5
25	Learning During Design for Six Sigma Projectsâ€"A Preliminary Investigation in Behavioral Healthcare. EMJ - Engineering Management Journal, 2015, 27, 109-123.	1.4	5
26	Integration of project management, human resource development, and business teams: a partnership, planning model for organizational training and development initiatives. Human Resource Development International, 2016, 19, 245-260.	2.3	5
27	Enhancing human resource management in process improvement projects. Organizational Dynamics, 2021, 50, 100776.	1.6	5
28	Developing a Policies and Procedures Manual for a Consumer Lending Department: A Design for Six Sigma Case Study. EMJ - Engineering Management Journal, 2013, 25, 3-15.	1.4	4
29	Enhancing Information Sharing in Family Drug Courts: A Lean Six Sigma Case Study. Juvenile and Family Court Journal, 2017, 68, 27-41.	0.3	4
30	Designing devices to communicate effectively with intensive care nurses to prevent pressure injuries: A qualitative study. Intensive and Critical Care Nursing, 2022, 71, 103244.	1.4	4
31	'Flipping' the Lean Six Sigma classroom. International Journal of Six Sigma and Competitive Advantage, 2014, 8, 227.	0.3	3
32	A Redesign Approach for Improving Animal Care Services for Researchers. Journal of the American Association for Laboratory Animal Science, 2017, 56, 462-471.	0.6	3
33	The interconnectedness among auxiliary benefits and supporting practices within the Quality Function Deployment process. International Journal of Six Sigma and Competitive Advantage, 2007, 3, 137.	0.3	2
34	Driving meeting effectiveness through organizational process improvementâ€"A Lean Six Sigma case study. Organizational Dynamics, 2022, 51, 100827.	1.6	2
35	Using the Lean Six Sigma Methodology to Reduce Mouse Cage Sanitation Time for Animal Care and Use Programs. Journal of the American Association for Laboratory Animal Science, 2019, 58, 551-557.	0.6	2
36	Designing the optimum configurations of circular and spherical product specifications for multiple quality characteristics. Journal of Systems Science and Systems Engineering, 2005, 14, 385-399.	0.8	1

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37	Effects of Surprises During Quality Improvement Projects: A Longitudinal Study on Method-Driven Learning in Behavioral Healthcare. IEEE Transactions on Engineering Management, 2019, , 1-15.	2.4	1
38	Streamlining admissions to outpatient substance use treatment using lean methods. Journal of Substance Use, 2021, 26, 306-312.	0.3	1
39	A Preliminary Investigation of Exploration-Oriented, Learning Behaviors for Managing Project Quality. International Journal of Information Technology Project Management, 2015, 6, 18-39.	0.3	1
40	Quality Assurance in E-Learning. Advances in Educational Marketing, Administration, and Leadership Book Series, 2011, , 231-248.	0.1	1
41	Improving the ergonomic design of transmission oil cooler hoses: a case study. International Journal of Experimental Design and Process Optimisation, 2011, 2, 125.	0.1	0
42	Introduction to the Special Issue on Healthcare Systems. EMJ - Engineering Management Journal, 2015, 27, 97-98.	1.4	0
43	Improving Measurement Systems to Support Process Improvement Efforts in Health Care. Journal of Healthcare Communications, 2018, 03, .	0.8	0
44	Reducing the length of clinic visits: A process analysis case report. International Journal of Health Planning and Management, 2020, 35, 409-416.	0.7	0
45	Pilot Testing a Series of Value-Based Care Training Courses. Advances in Medical Education and Practice, 2022, Volume 13, 319-322.	0.7	0