Yingdong He

List of Publications by Year in Descending Order

95 papers	1,021 citations	17 h-index	28 g-index
111 ext. papers	1,233 ext. citations	3.2 avg, IF	4.93 L-index

#	Paper	IF	Citations
95	Process parameter optimization for lifetime improvement experiments considering warranty and customer satisfaction. *Reliability Engineering and System Safety*, **2022**, 221, 108369	6.3	1
94	Impact of organizational culture on quality management and innovation practices among manufacturing SMEs in Nigeria. *Quality Management Journal*, **2021**, 28, 98-114	2.3	3
93	MR-CART: Multiresponse optimization using a classification and regression tree method. *Quality Engineering*, **2021**, 33, 457-473	1.4	1
92	An integrated approach for evaluating hospital service quality with linguistic preferences. *International Journal of Production Research*, **2021**, 59, 1776-1790	7.8	2
91	Warranty service outsourcing contracts decision considering warranty fraud and inspection. *International Transactions in Operational Research*, **2021**, 28, 1952-1977	2.9	2
90	A new risk-adjusted EWMA control chart based on survival time for monitoring surgical outcome quality. *Quality and Reliability Engineering International*, **2021**, 37, 1650-1663	2.6	3
89	Economic Design of EWMA Control Charts with Variable Sampling Intervals for Monitoring the Mean and Standard Deviation under Preventive Maintenance and Taguchi Loss Functions. *Mathematical Problems in Engineering*, **2021**, 2021, 1-14	1.1	
88	A Robust Interactive Desirability Function Approach for Multiple Response Optimization Considering Model Uncertainty. *IEEE Transactions on Reliability*, **2020**, 1-13	4.6	3
87	Extracting deep features from short ECG signals for early atrial fibrillation detection. *Artificial Intelligence in Medicine*, **2020**, 109, 101896	7.4	7
86	Original design manufacturer's warranty strategy when considering retailers' brand power under different power structures. *International Transactions in Operational Research*, **2020**,	2.9	2
85	Manufacturer warranty service outsourcing strategies in a dual-channel supply chain. *International Transactions in Operational Research*, **2020**, 27, 2899-2926	2.9	11
84	An EWMA and region growing based control chart for monitoring image data. *Quality Technology and Quantitative Management*, **2020**, 17, 470-485	1.9	5
83	Information sharing under different warranty policies with cost sharing in supply chains. *International Transactions in Operational Research*, **2020**, 27, 1550-1572	2.9	23
82	Risk-aversion information in a supply chain with price and warranty competition. *Annals of Operations Research*, **2020**, 287, 61-107	3.2	9
81	The robustness of response surface designs with errors in factor levels. *Communications in Statistics - Theory and Methods*, **2020**, 49, 2365-2383	0.5	0
80	Motivated for continuance? Associations between structural empowerment, role conflict, person-job fit, and satisfaction in Six Sigma programs. *Total Quality Management and Business Excellence*, **2019**, 30, S255-S273	2.7	
79	Service quality measurement for omni-channel retail: scale development and validation. *Total Quality Management and Business Excellence*, **2019**, 30, S210-S226	2.7	11

78	A Real-Time Contrasts Method for Monitoring Image Data **2019**,		1
77	Impact of censoring types on the two-stage method for analyzing reliability experiments with random effects. *Quality Engineering*, **2019**, 31, 302-313	1.4	3
76	The ordering of making microcredit loans to farmers based on the IFGIBMs. *Soft Computing*, **2019**, 23, 7741-7754	3.5	
75	A Business Process Analysis Methodology Based on Process Mining for Complaint Handling Service Processes. *Applied Sciences (Switzerland)*, **2019**, 9, 3313	2.6	4
74	Extensions of Intuitionistic Fuzzy Geometric Interaction Operators and Their Application to Cognitive Microcredit Origination. *Cognitive Computation*, **2019**, 11, 748-760	4.4	12
73	Warranty Claims Forecasting for New Products Sold with a Two-Dimensional Warranty. *Journal of Systems Science and Systems Engineering*, **2019**, 28, 715-730	1.2	6
72	Process optimization using sequential design of experiment: A case study. *Quality Engineering*, **2019**, 31, 473-483	1.4	1
71	Phase I outlier detection in profiles with binary data based on penalized likelihood. *Quality and Reliability Engineering International*, **2019**, 35, 1-13	2.6	7
70	Nonparametric monitoring of multiple count data. *IISE Transactions*, **2019**, 51, 972-984	3.3	10
69	Should short warranty always be interpreted as low quality: the effect of brand advantages on warranty signalization. *International Journal of Production Research*, **2019**, 57, 4468-4479	7.8	4
68	The impact of technological innovation on product quality: the moderating role of firm size. *Total Quality Management and Business Excellence*, **2018**, 29, 746-761	2.7	7
67	Reliability improvement of diamond drill bits using design of experiments. *Quality Engineering*, **2018**, 30, 339-350	1.4	6
66	Design of extended warranty service in a dual supply channel. *Total Quality Management and Business Excellence*, **2018**, 29, 1089-1107	2.7	9
65	Exponential cumulative sums chart for detecting shifts in time-between-events. *International Journal of Production Research*, **2018**, 56, 3683-3698	7.8	19
64	Generalized Scaled Prioritized Intuitionistic Fuzzy Geometric Interaction Aggregation Operators and Their Applications to the Selection of Cold Chain Logistics Enterprises. *International Journal of Fuzzy System Applications*, **2018**, 7, 1-21	0.6	5
63	Application of Design for Six Sigma tools in telecom service improvement. *Production Planning and Control*, **2018**, 29, 959-971	4.3	6
62	Decision making with the generalized intuitionistic fuzzy power interaction averaging operators. *Soft Computing*, **2017**, 21, 1129-1144	3.5	27
61	An empirical investigation of the relationship between Six Sigma practices and organisational innovation. *Total Quality Management and Business Excellence*, **2017**, 28, 459-480	2.7	40

60	Determining importance ratings of patients requirements with multi-granular linguistic evaluation information. *International Journal of Production Research*, **2017**, 55, 4110-4122	7.8	15
59	Measuring service quality in telematics service: development and validation of multidimensional TeleServQ scale. *Total Quality Management and Business Excellence*, **2017**, 28, 1166-1182	2.7	6
58	Field reliability modeling based on two-dimensional warranty data with censoring times. *Quality Engineering*, **2017**, 29, 468-483	1.4	9
57	Lower Percentile Estimation of Accelerated Life Tests with Nonconstant Scale Parameter. *Quality and Reliability Engineering International*, **2017**, 33, 1437-1446	2.6	3
56	GIFIHIA operator and its application to the selection of cold chain logistics enterprises. *Granular Computing*, **2017**, 2, 187-197	5.4	20
55	Simultaneous optimization of quality and reliability characteristics through designed experiment. *Quality Engineering*, **2017**, 29, 344-357	1.4	7
54	CUSUM Schemes for Monitoring Prespecified Changes in Linear Profiles. *Quality and Reliability Engineering International*, **2017**, 33, 579-594	2.6	7
53	Multi-attribute decision-making based on the SPIFGIA operators. *Granular Computing*, **2017**, 2, 321-331	5.4	27
52	Two-dimensional base warranty design based on a new demand function considering heterogeneous usage rate. *International Journal of Production Research*, **2017**, 55, 7058-7072	7.8	16
51	Performance comparison for the CRL control charts with estimated parameters for high-quality processes. *Quality Technology and Quantitative Management*, **2017**, 14, 31-43	1.9	7
50	Nonparametric Change-Point Detection for Profiles with Binary Data. *Journal of Quality Technology*, **2017**, 49, 123-135	1.4	9
49	IFPBMs and their application to multiple attribute group decision making. *Journal of the Operational Research Society*, **2016**, 67, 127-147	2	16
48	An image-based multivariate generalized likelihood ratio control chart for detecting and diagnosing multiple faults in manufactured products. *International Journal of Production Research*, **2016**, 54, 1771-1784	7.8	25
47	Development and validation of a measurement instrument for assessing quality management practices in hospitals: an exploratory study. *Total Quality Management and Business Excellence*, **2016**, 27, 465-478	2.7	16
46	A Study of Key Success Factors of Service Enterprises in China. *Journal of Business Ethics*, **2016**, 134, 1-14	4.3	27
45	Bootstrapping Analysis of Lifetime Data with Subsampling. *Quality and Reliability Engineering International*, **2016**, 32, 1945-1953	2.6	9
44	Scaled prioritized aggregation operators and their applications to decision making. *Soft Computing*, **2016**, 20, 1021-1039	3.5	7
43	Multiple Attributes Decision Making Based on Scaled Prioritized Intuitionistic Fuzzy Interaction Aggregation Operators. *International Journal of Fuzzy Systems*, **2016**, 18, 924-938	3.6	10

42	A systematic assessment of quality assurance-based food safety management system of Chinese edible oil manufacturer in view of context characteristics. *Total Quality Management and Business Excellence*, **2016**, 1-15	2.7	3
41	The Effect of Estimation Error on Risk-Adjusted Survival Time CUSUM Chart Performance. *Quality and Reliability Engineering International*, **2016**, 32, 1445-1452	2.6	7
40	A Score-test-based EWMA Control Chart for Detecting Prespecified Quadratic Changes in Linear Profiles. *Quality and Reliability Engineering International*, **2016**, 32, 921-931	2.6	6
39	Latin square design for chip length machine vision measurement system analysis. *Quality Engineering*, **2016**, 28, 381-387	1.4	2
38	E-service quality perceptions: an empirical analysis of the Chinese e-retailing industry. *Total Quality Management and Business Excellence*, **2015**, 26, 1357-1372	2.7	24
37	Hesitant Fuzzy Power Bonferroni Means and Their Application to Multiple Attribute Decision Making. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 1655-1668	8.3	95
36	Analysis of the factors influencing lung cancer hospitalization expenses using data mining. *Thoracic Cancer*, **2015**, 6, 338-45	3.2	6
35	Bias Reduction of MLEs for Weibull Distributions under Grouped Lifetime Data. *Quality Engineering*, **2015**, 27, 341-352	1.4	10
34	A study on the effect of hotel intelligent fusion system on hotel strategy, work process, employee satisfaction, and hotel performance. *Multimedia Tools and Applications*, **2015**, 74, 3377-3385	2.5	0
33	A Review of Analysis of Dynamic Response in Design of Experiments. *Quality and Reliability Engineering International*, **2015**, 31, 535-542	2.6	5
32	Accelerated Lifetime Data Analysis with a Nonconstant Shape Parameter. *Mathematical Problems in Engineering*, **2015**, 2015, 1-8	1.1	2
31	Reliability Modeling of Accelerated Life Tests with Both Random Effects and Nonconstant Shape Parameters. *Quality Engineering*, **2015**, 27, 329-340	1.4	17
30	Evaluation of Response Surface Designs in Presence of Errors in Factor Levels. *Communications in Statistics - Theory and Methods*, **2015**, 44, 3769-3781	0.5	3
29	Comprehensive Six Sigma application: a case study. *Production Planning and Control*, **2014**, 1-16	4.3	10
28	CUSUM Control Charts for Multivariate Poisson Distribution. *Communications in Statistics - Theory and Methods*, **2014**, 43, 1192-1208	0.5	19
27	The Poisson INAR(1) one-sided EWMA chart with estimated parameters. *International Journal of Production Research*, **2014**, 52, 5415-5431	7.8	10
26	Reducing the voluntary turnover rate of dispatched employees by the DMAIC process. *Total Quality Management and Business Excellence*, **2014**, 25, 842-855	2.7	5
25	A Combination of CUSUM Charts for Monitoring a Zero-Inflated Poisson Process. *Communications in Statistics Part B: Simulation and Computation*, **2014**, 43, 2482-2497	0.6	12

24	Online monitoring and fault identification of mean shifts in bivariate processes using decision tree learning techniques. *Journal of Intelligent Manufacturing*, **2013**, 24, 25-34	6.7	46
23	Integrated statistical and engineering process control based on smooth transition autoregressive model. *Transactions of Tianjin University*, **2013**, 19, 147-156	2.9	
22	A robust desirability function method for multi-response surface optimization considering model uncertainty. *European Journal of Operational Research*, **2012**, 221, 241-247	5.6	83
21	Computation of average run length for residual-based T 2 control chart for multivariate autocorrelated processes. *Transactions of Tianjin University*, **2012**, 18, 305-308	2.9	
20	Comparative study of response surface designs with errors-in-variables model. *Transactions of Tianjin University*, **2011**, 17, 146-150	2.9	2
19	Validation of the theoretical model underlying the Baldrige criteria: Evidence from China. *Total Quality Management and Business Excellence*, **2011**, 22, 243-263	2.7	29
18	Notice of Retraction: Six sigma axiomatic design method based on quality function deployment **2010**,		6
17	A combined control scheme for monitoring the frequency and size of an attribute event. *Journal of Applied Statistics*, **2010**, 37, 1991-2013	1	17
16	A CUSUM Chart for Monitoring an Attribute Event **2010**,		2
15	Analysis of Response Surface Designs to Outlier **2010**,		1
14	Robust optimization for multiple responses using response surface methodology. *Applied Stochastic Models in Business and Industry*, **2010**, 26, 157-171	1.1	28
13	A control scheme for monitoring the frequency and magnitude of an event. *International Journal of Production Research*, **2009**, 47, 2887-2902	7.8	43
12	A Cumulative Sum scheme for monitoring frequency and size of an event. *Quality and Reliability Engineering International*, **2009**, 26, 541-554	2.6	17
11	Improvement of economic integration of design with process capability index. *Total Quality Management and Business Excellence*, **2009**, 20, 1255-1262	2.7	4
10	Product and process optimisation design through Design of Experiments: A case study. *Total Quality Management and Business Excellence*, **2009**, 20, 107-113	2.7	5
9	Improved TOPSIS Methods for Multi-Response Optimization **2008**,		4
8	Construction of six sigma tolerance design model based on dual response surface methodology **2008**,		1
7	Development of Integrated Quality Information System for Continuous Improvement **2006**,		2

6	Mapping Green, Lean, Six Sigma enablers through the lens of a construction sector: an emerging economy's perspective. *Journal of Environmental Planning and Management*,1-34	2.8	0
5	Simultaneous optimization of quality and censored reliability characteristics with constrained randomization experiment. *Quality Technology and Quantitative Management*,1-20	1.9	0
4	A nonparametric CUSUM scheme for monitoring multivariate time-between-events-and-amplitude data with application to automobile painting. *International Journal of Production Research*,1-18	7.8	4
3	Effect of organizational culture and quality management on innovation among Nigerian manufacturing companies: The mediating role of dynamic capabilities. *Quality Management Journal*,1-25	2.3	1
2	A novel approach for product competitive analysis based on online reviews. *Electronic Commerce Research*,1	2.1	0
1	Product quality prediction based on process data: Taking the gearbox of Company D as an example. *Quality Engineering*,1-14	1.4	