

Yingdong He

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hesitant Fuzzy Power Bonferroni Means and Their Application to Multiple Attribute Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1655-1668	8.3	95
94	A robust desirability function method for multi-response surface optimization considering model uncertainty. <i>European Journal of Operational Research</i> , 2012 , 221, 241-247	5.6	83
93	Online monitoring and fault identification of mean shifts in bivariate processes using decision tree learning techniques. <i>Journal of Intelligent Manufacturing</i> , 2013 , 24, 25-34	6.7	46
92	A control scheme for monitoring the frequency and magnitude of an event. <i>International Journal of Production Research</i> , 2009 , 47, 2887-2902	7.8	43
91	An empirical investigation of the relationship between Six Sigma practices and organisational innovation. <i>Total Quality Management and Business Excellence</i> , 2017 , 28, 459-480	2.7	40
90	Validation of the theoretical model underlying the Baldrige criteria: Evidence from China. <i>Total Quality Management and Business Excellence</i> , 2011 , 22, 243-263	2.7	29
89	Robust optimization for multiple responses using response surface methodology. <i>Applied Stochastic Models in Business and Industry</i> , 2010 , 26, 157-171	1.1	28
88	Decision making with the generalized intuitionistic fuzzy power interaction averaging operators. <i>Soft Computing</i> , 2017 , 21, 1129-1144	3.5	27
87	A Study of Key Success Factors of Service Enterprises in China. <i>Journal of Business Ethics</i> , 2016 , 134, 1-14	4.3	27
86	Multi-attribute decision-making based on the SPIFGIA operators. <i>Granular Computing</i> , 2017 , 2, 321-331	5.4	27
85	An image-based multivariate generalized likelihood ratio control chart for detecting and diagnosing multiple faults in manufactured products. <i>International Journal of Production Research</i> , 2016 , 54, 1771-1784	7.8	25
84	E-service quality perceptions: an empirical analysis of the Chinese e-retailing industry. <i>Total Quality Management and Business Excellence</i> , 2015 , 26, 1357-1372	2.7	24
83	Information sharing under different warranty policies with cost sharing in supply chains. <i>International Transactions in Operational Research</i> , 2020 , 27, 1550-1572	2.9	23
82	GIFIHIA operator and its application to the selection of cold chain logistics enterprises. <i>Granular Computing</i> , 2017 , 2, 187-197	5.4	20
81	CUSUM Control Charts for Multivariate Poisson Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2014 , 43, 1192-1208	0.5	19
80	Exponential cumulative sums chart for detecting shifts in time-between-events. <i>International Journal of Production Research</i> , 2018 , 56, 3683-3698	7.8	19
79	Reliability Modeling of Accelerated Life Tests with Both Random Effects and Nonconstant Shape Parameters. <i>Quality Engineering</i> , 2015 , 27, 329-340	1.4	17

78	A combined control scheme for monitoring the frequency and size of an attribute event. <i>Journal of Applied Statistics</i> , 2010 , 37, 1991-2013	1	17
77	A Cumulative Sum scheme for monitoring frequency and size of an event. <i>Quality and Reliability Engineering International</i> , 2009 , 26, 541-554	2.6	17
76	IFPBMs and their application to multiple attribute group decision making. <i>Journal of the Operational Research Society</i> , 2016 , 67, 127-147	2	16
75	Development and validation of a measurement instrument for assessing quality management practices in hospitals: an exploratory study. <i>Total Quality Management and Business Excellence</i> , 2016 , 27, 465-478	2.7	16
74	Two-dimensional base warranty design based on a new demand function considering heterogeneous usage rate. <i>International Journal of Production Research</i> , 2017 , 55, 7058-7072	7.8	16
73	Determining importance ratings of patients' requirements with multi-granular linguistic evaluation information. <i>International Journal of Production Research</i> , 2017 , 55, 4110-4122	7.8	15
72	Extensions of Intuitionistic Fuzzy Geometric Interaction Operators and Their Application to Cognitive Microcredit Origination. <i>Cognitive Computation</i> , 2019 , 11, 748-760	4.4	12
71	A Combination of CUSUM Charts for Monitoring a Zero-Inflated Poisson Process. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2014 , 43, 2482-2497	0.6	12
70	Service quality measurement for omni-channel retail: scale development and validation. <i>Total Quality Management and Business Excellence</i> , 2019 , 30, S210-S226	2.7	11
69	Manufacturer warranty service outsourcing strategies in a dual-channel supply chain. <i>International Transactions in Operational Research</i> , 2020 , 27, 2899-2926	2.9	11
68	Bias Reduction of MLEs for Weibull Distributions under Grouped Lifetime Data. <i>Quality Engineering</i> , 2015 , 27, 341-352	1.4	10
67	Multiple Attributes Decision Making Based on Scaled Prioritized Intuitionistic Fuzzy Interaction Aggregation Operators. <i>International Journal of Fuzzy Systems</i> , 2016 , 18, 924-938	3.6	10
66	Comprehensive Six Sigma application: a case study. <i>Production Planning and Control</i> , 2014 , 1-16	4.3	10
65	The Poisson INAR(1) one-sided EWMA chart with estimated parameters. <i>International Journal of Production Research</i> , 2014 , 52, 5415-5431	7.8	10
64	Nonparametric monitoring of multiple count data. <i>IIE Transactions</i> , 2019 , 51, 972-984	3.3	10
63	Field reliability modeling based on two-dimensional warranty data with censoring times. <i>Quality Engineering</i> , 2017 , 29, 468-483	1.4	9
62	Bootstrapping Analysis of Lifetime Data with Subsampling. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 1945-1953	2.6	9
61	Design of extended warranty service in a dual supply channel. <i>Total Quality Management and Business Excellence</i> , 2018 , 29, 1089-1107	2.7	9

60	Nonparametric Change-Point Detection for Profiles with Binary Data. <i>Journal of Quality Technology</i> , 2017 , 49, 123-135	1.4	9
59	Risk-aversion information in a supply chain with price and warranty competition. <i>Annals of Operations Research</i> , 2020 , 287, 61-107	3.2	9
58	Simultaneous optimization of quality and reliability characteristics through designed experiment. <i>Quality Engineering</i> , 2017 , 29, 344-357	1.4	7
57	CUSUM Schemes for Monitoring Prespecified Changes in Linear Profiles. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 579-594	2.6	7
56	Extracting deep features from short ECG signals for early atrial fibrillation detection. <i>Artificial Intelligence in Medicine</i> , 2020 , 109, 101896	7.4	7
55	The impact of technological innovation on product quality: the moderating role of firm size. <i>Total Quality Management and Business Excellence</i> , 2018 , 29, 746-761	2.7	7
54	Scaled prioritized aggregation operators and their applications to decision making. <i>Soft Computing</i> , 2016 , 20, 1021-1039	3.5	7
53	Performance comparison for the CRL control charts with estimated parameters for high-quality processes. <i>Quality Technology and Quantitative Management</i> , 2017 , 14, 31-43	1.9	7
52	The Effect of Estimation Error on Risk-Adjusted Survival Time CUSUM Chart Performance. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 1445-1452	2.6	7
51	Phase I outlier detection in profiles with binary data based on penalized likelihood. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 1-13	2.6	7
50	Measuring service quality in telematics service: development and validation of multidimensional TeleServQ scale. <i>Total Quality Management and Business Excellence</i> , 2017 , 28, 1166-1182	2.7	6
49	Analysis of the factors influencing lung cancer hospitalization expenses using data mining. <i>Thoracic Cancer</i> , 2015 , 6, 338-45	3.2	6
48	Reliability improvement of diamond drill bits using design of experiments. <i>Quality Engineering</i> , 2018 , 30, 339-350	1.4	6
47	Warranty Claims Forecasting for New Products Sold with a Two-Dimensional Warranty. <i>Journal of Systems Science and Systems Engineering</i> , 2019 , 28, 715-730	1.2	6
46	Notice of Retraction: Six sigma axiomatic design method based on quality function deployment 2010 ,		6
45	A Score-test-based EWMA Control Chart for Detecting Prespecified Quadratic Changes in Linear Profiles. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 921-931	2.6	6
44	Application of Design for Six Sigma tools in telecom service improvement. <i>Production Planning and Control</i> , 2018 , 29, 959-971	4.3	6
43	A Review of Analysis of Dynamic Response in Design of Experiments. <i>Quality and Reliability Engineering International</i> , 2015 , 31, 535-542	2.6	5

42	Reducing the voluntary turnover rate of dispatched employees by the DMAIC process. <i>Total Quality Management and Business Excellence</i> , 2014 , 25, 842-855	2.7	5
41	Product and process optimisation design through Design of Experiments: A case study. <i>Total Quality Management and Business Excellence</i> , 2009 , 20, 107-113	2.7	5
40	An EWMA and region growing based control chart for monitoring image data. <i>Quality Technology and Quantitative Management</i> , 2020 , 17, 470-485	1.9	5
39	Generalized Scaled Prioritized Intuitionistic Fuzzy Geometric Interaction Aggregation Operators and Their Applications to the Selection of Cold Chain Logistics Enterprises. <i>International Journal of Fuzzy System Applications</i> , 2018 , 7, 1-21	0.6	5
38	A Business Process Analysis Methodology Based on Process Mining for Complaint Handling Service Processes. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3313	2.6	4
37	Improvement of economic integration of design with process capability index. <i>Total Quality Management and Business Excellence</i> , 2009 , 20, 1255-1262	2.7	4
36	Improved TOPSIS Methods for Multi-Response Optimization 2008 ,		4
35	A nonparametric CUSUM scheme for monitoring multivariate time-between-events-and-amplitude data with application to automobile painting. <i>International Journal of Production Research</i> , 1-18	7.8	4
34	Should short warranty always be interpreted as low quality: the effect of brand advantages on warranty signalization. <i>International Journal of Production Research</i> , 2019 , 57, 4468-4479	7.8	4
33	Lower Percentile Estimation of Accelerated Life Tests with Nonconstant Scale Parameter. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 1437-1446	2.6	3
32	Impact of censoring types on the two-stage method for analyzing reliability experiments with random effects. <i>Quality Engineering</i> , 2019 , 31, 302-313	1.4	3
31	A Robust Interactive Desirability Function Approach for Multiple Response Optimization Considering Model Uncertainty. <i>IEEE Transactions on Reliability</i> , 2020 , 1-13	4.6	3
30	Evaluation of Response Surface Designs in Presence of Errors in Factor Levels. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 3769-3781	0.5	3
29	Impact of organizational culture on quality management and innovation practices among manufacturing SMEs in Nigeria. <i>Quality Management Journal</i> , 2021 , 28, 98-114	2.3	3
28	A systematic assessment of quality assurance-based food safety management system of Chinese edible oil manufacturer in view of context characteristics. <i>Total Quality Management and Business Excellence</i> , 2016 , 1-15	2.7	3
27	A new risk-adjusted EWMA control chart based on survival time for monitoring surgical outcome quality. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 1650-1663	2.6	3
26	Original design manufacturer's warranty strategy when considering retailers' brand power under different power structures. <i>International Transactions in Operational Research</i> , 2020 ,	2.9	2
25	Accelerated Lifetime Data Analysis with a Nonconstant Shape Parameter. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-8	1.1	2

24	Comparative study of response surface designs with errors-in-variables model. <i>Transactions of Tianjin University</i> , 2011 , 17, 146-150	2.9	2
23	A CUSUM Chart for Monitoring an Attribute Event 2010 ,		2
22	Development of Integrated Quality Information System for Continuous Improvement 2006 ,		2
21	Latin square design for chip length machine vision measurement system analysis. <i>Quality Engineering</i> , 2016 , 28, 381-387	1.4	2
20	An integrated approach for evaluating hospital service quality with linguistic preferences. <i>International Journal of Production Research</i> , 2021 , 59, 1776-1790	7.8	2
19	Warranty service outsourcing contracts decision considering warranty fraud and inspection. <i>International Transactions in Operational Research</i> , 2021 , 28, 1952-1977	2.9	2
18	A Real-Time Contrasts Method for Monitoring Image Data 2019 ,		1
17	Analysis of Response Surface Designs to Outlier 2010 ,		1
16	Construction of six sigma tolerance design model based on dual response surface methodology 2008 ,		1
15	Process parameter optimization for lifetime improvement experiments considering warranty and customer satisfaction. <i>Reliability Engineering and System Safety</i> , 2022 , 221, 108369	6.3	1
14	MR-CART: Multiresponse optimization using a classification and regression tree method. <i>Quality Engineering</i> , 2021 , 33, 457-473	1.4	1
13	Process optimization using sequential design of experiment: A case study. <i>Quality Engineering</i> , 2019 , 31, 473-483	1.4	1
12	Effect of organizational culture and quality management on innovation among Nigerian manufacturing companies: The mediating role of dynamic capabilities. <i>Quality Management Journal</i> , 1-25 ^{2,3}		1
11	A study on the effect of hotel intelligent fusion system on hotel strategy, work process, employee satisfaction, and hotel performance. <i>Multimedia Tools and Applications</i> , 2015 , 74, 3377-3385	2.5	0
10	Mapping Green, Lean, Six Sigma enablers through the lens of a construction sector: an emerging economy's perspective. <i>Journal of Environmental Planning and Management</i> , 1-34	2.8	0
9	Simultaneous optimization of quality and censored reliability characteristics with constrained randomization experiment. <i>Quality Technology and Quantitative Management</i> , 1-20	1.9	0
8	The robustness of response surface designs with errors in factor levels. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 49, 2365-2383	0.5	0
7	A novel approach for product competitive analysis based on online reviews. <i>Electronic Commerce Research</i> , 1	2.1	0

6	Motivated for continuance? Associations between structural empowerment, role conflict, person-job fit, and satisfaction in Six Sigma programs. <i>Total Quality Management and Business Excellence</i> , 2019 , 30, S255-S273	2.7
5	The ordering of making microcredit loans to farmers based on the IFGIBMs. <i>Soft Computing</i> , 2019 , 23, 7741-7754	3.5
4	Computation of average run length for residual-based T 2 control chart for multivariate autocorrelated processes. <i>Transactions of Tianjin University</i> , 2012 , 18, 305-308	2.9
3	Integrated statistical and engineering process control based on smooth transition autoregressive model. <i>Transactions of Tianjin University</i> , 2013 , 19, 147-156	2.9
2	Economic Design of EWMA Control Charts with Variable Sampling Intervals for Monitoring the Mean and Standard Deviation under Preventive Maintenance and Taguchi's Loss Functions. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-14	1.1
1	Product quality prediction based on process data: Taking the gearbox of Company D as an example. <i>Quality Engineering</i> , 1-14	1.4