- 01. Control chart pattern recognition using spectral clustering technique and support vector machine under gamma distribution. *Computers & Industrial Engineering*, <u>https://doi.org/10.1016/j.cie.2022.108437</u>, 2022 (SCI).
- 02. Monitoring the coefficient of variation using a double-sampling control chart. *Communications in Statistics Simulation and Computation*, https://doi.org/10.1080/03610918.2021.1971242, 2021 (SCI).
- 03. The integrated quality control model with product inspection and process improvement. *Quality Technology and Quantitative Management*, 17(6): 646-660, 2020 (SCI).
- 04. The integrated study for process improvement with economic specification limits, process means setting and quality investment: an extension of the model in Abdul-Kader et al. (2010). *Quality Technology and Quantitative Management*, 17(6): 627-645, 2020 (SCI).
- 05. Process quality improvement based on the application of rectifying sampling inspection plan. *Journal of Industrial and Production Engineering*, 36(4): 205-211, 2019 (TSSCI).
- 06. Economic design of product and process parameters under the specified process capability value. *Quality Technology and Quantitative Management*, 15(6): 686-701, 2018 (SCI).
- 07. The joint determination of specification limits, process mean, and economic manufacturing quantity. *Journal of Industrial and Production Engineering*, 34(4): 283-288, 2017 (TSSCI).
- 08. Optimum process mean, standard deviation and specification limits settings under the Burr distribution. Engineering Computations, 34(1): 66-76, 2017 (SCI).
- 09. Robustness of the EWMA median control chart to non-normality. *International Journal of Industrial and Systems Engineering*, 25(1): 35-58, 2017 (EI).
- Simultaneous determination of manufacturer's process mean and production run length and retailer's order quantity. *Journal of Management Analytics*, 3(1): 59-79, 2016 (ESCI).
- 11. Joint determination of process quality level and production run time for imperfect production process. *Journal of Industrial and Production Engineering*, 32(4): 219-224, 2015 (TSSCI).
- 12. Modified economic production and raw material model with quality loss for conforming product. *Journal of Industrial and Production Engineering*, 32(3): 196-203, 2015 (TSSCI).

- 13. Economic order quantity, process quality level, warranty period and production run length settings. *Arabian Journal for Science and Engineering*, 40(2): 627-632 2015 (SCI).
- 14. Production quantity and specification limits settings by considering specified process capability value. *Journal of Industrial and Production Engineering*, 31(4): 229-237, 2014 (TSSCI).
- Economic specification limits and process mean setting by considering unequal target value and specification center. *Journal of Industrial and Production Engineering*, 31(4): 199-205, 2014 (TSSCI).
- 16. Economic design of variable sampling intervals  $\overline{X}$  charts with B&L switching rule. International Journal of Industrial and Systems Engineering, 15(4): 490-505, 2013 (EI).
- 17. Optimum process mean setting based on variable sampling plan with specified consumer's risk. *Journal of Industrial and Production Engineering*, 30(8): 473-479, 2013 (TSSCI).
- 18. Fuzzy optimum design of Dodge-Romig sampling rectifying inspection plan under quality investment. *Journal of Industrial and Production Engineering*, 30(5): 296-302, 2013 (TSSCI).
- 19. Optimum settings of process mean, economic order quantity and commission fee. *Journal of Applied Science and Engineering*, 15(4): 343-352, 2012 (EI).
- 20. Economic design of autoregressive moving average control chart using genetic algorithms. *Expert Systems with Applications*, 39(2): 1793-1798, 2012 (SCI).
- An empirical study on the determination of price, warranty length and production rate in the dynamic sales market. *International Journal of Industrial and Systems Engineering*, 12(4): 449-469, 2012 (EI).
- 22. Optimal determination of purchaser's order quantity and producer's process mean. *Journal of Applied Science and Engineering*, 15(1): 41-48, 2012 (EI).
- 23. On the asymptotic confidence intervals of multiple-stream yield index  $S_{pk}^{M}$ . Communications in Statistics – Theory and Methods, 40(22): 3948-3958, 2011 (SCI).
- 24. Robustness of the EWMA and the combined  $\bar{x}$ -EWMA control charts with variable sampling intervals to non-normality. *Journal of Applied Statistics*, 38(3): 553-570, 2011 (SCI).
- 25. Optimal price, warranty length and production rate for free replacement policy in the static demand market.

Omega – International Journal of Management Science, 37(1): 29-39, 2009 (SSCI).

- 26. Economic design of variable sampling intervals  $\overline{x}$  charts with A&L switching rule using genetic algorithms. *Expert Systems with Applications*, 36(2, part 2): 3048-3055, 2009 (SCI).
- 27. Yield measure for the process with multiple streams. *Quality & Quantity*, 43(4): 661-668, 2009 (SSCI).
- 28. A real-time inventory decision system using Western Electric run rules and ARMA control chart. *Expert Systems with Applications*, 35(3): 755-761, 2008 (SCI).
- 29. The variable sampling rate  $\bar{X}$  control charts for monitoring autocorrelated processes. *Quality and Reliability Engineering International*, 24(7): 855-870, 2008 (SCI).
- Economic design of variable sampling intervals EWMA charts with sampling at fixed times using genetic algorithms. *Expert Systems with Applications*, 34(1): 419-426, 2008 (SCI).
- Optimal burn-in time and warranty length under fully renewing combination free replacement and pro-rata warranty. *Reliability Engineering & System Safety*, 92(7): 914-920, 2007 (SCI).
- 32. Non-normality and the variable parameters  $\overline{x}$  control charts. *European Journal of Operational Research*, 176(1): 361-373, 2007 (SCI).
- 33. Determination of sizing conditions for E-class glass fibre yarn using Taguchi parameter design. *Materials Science and Technology*, 23(6): 683-687, 2007 (SCI).
- 34. On the bootstrap confidence intervals of the capability index *C*<sub>pk</sub> for multiple process streams. *Engineering Computations*, 24(5): 473-485, 2007 (SCI).
- 35. Joint economic design of variable sampling intervals  $\overline{X}$  and *R* charts using genetic algorithms. *Communications in Statistics Simulation and Computation*, 35(4): 1027-1043, 2006 (SCI).
- 36. Determination of price and warranty length for a normal lifetime distributed product. *International Journal of Production Economics*, 102(1): 95-107, 2006 (SCI).
- 37. Economic design of EWMA charts with variable sampling intervals. *Quality & Quantity*, 40(6): 879-896, 2006 (SSCI).
- 38. Determination of nattokinase production condition using Taguchi parameter design. *Food Science and Technology International*, 12(3): 215-220, 2006 (SCI).

- 39. On the bootstrap confidence intervals of the process incapability index  $C_{pp}$ . *Reliability Engineering & System Safety*, 91(4): 452-459, 2006 (SCI).
- 40. Optimization of nattokinase production condition using response surface methodology. *Journal of Food Process Engineering*, 29(1): 22-35, 2006 (SCI).
- 41. Economic design of variable sampling intervals  $T^2$  control charts using genetic algorithms. *Expert Systems with Applications*, 30(2): 233-242, 2006 (SCI).
- 42. Application of bivariate parameter design to the optimization of the operating conditions of a turning process.
  *International Journal of Production Research*, 43(24): 5229-5240, 2005 (SCI).
- 43. Adaptive  $\overline{X}$  control charts with sampling at fixed times. *Quality and Reliability Engineering International*, 21(2): 163-175, 2005 (SCI).
- 44. Acceptance control charts for non-normal data. *Journal of Applied Statistics*, 32(1): 25-36, 2005 (SCI).
- 45. Robustness of the variable sample size and control limit  $\bar{x}$  chart to non-normality. *Communications in Statistics Theory and Methods*, 34(3): 721-743, 2005 (SCI).
- 46. Interval estimation for the smaller-the-better type of signal-to-noise ratio using bootstrap method. *Quality Engineering*, 17(1): 151-163, 2005 (EI).
- 47. Determining the optimum process mean under a lognormal distribution. *Quality & Quantity*, 39(1): 119-124, 2005 (SSCI).
- 48. Determining a one-sided optimum specification limit under the linear quality loss function. *Quality & Quantity*, 39(1): 109-117, 2005 (SSCI).
- 49. On the design of variable sample size and sampling intervals  $\overline{X}$  charts under non-normality. International Journal of Production Economics, 96(2): 249-261, 2005 (SCI).
- 50. On the design of variable sampling intervals  $\bar{x}$  charts under non-normality. International Journal of Industrial Engineering – Theory, Applications and Practice, 12(3): 244-253, 2005 (SCI).
- 51. The modified Ferrell and Chhoker's model for the optimal inspection policy. *International Journal of Information and Management Sciences*, 15(1): 91-97, 2004 (EI).

- 52. Minimum average total inspection of variable lot-size sampling plan for continuous production. *Journal of Applied Statistics*, 31(2): 183-189, 2004 (SCI).
- 53. An evaluative study on adaptive  $\bar{x}$  control charts under various combinations of variable parameters. *Journal of Management*, 21(3): 375-389, 2004 (TSSCI).
- 54. Set the optimum process parameters based on asymmetric quality loss function. *Quality & Quantity*, 38(1): 75-79, 2004 (SSCI).
- 55. Effect of non-normality on the economic design of warning limit  $\overline{X}$  charts. *Quality Engineering*, 16(4): 567-575, 2004 (EI).
- 56. The effect of correlation on the economic design of warning limit  $\bar{x}$  charts. International Journal of Advanced Manufacturing Technology, 22(4): 306-312, 2003 (SCI).
- 57. Determining the optimum process mean under the bivariate quality characteristics. *International Journal of Advanced Manufacturing Technology*, 21(5): 313-316, 2003 (SCI).
- 58. Economic-statistical design of multivariate control charts for monitoring the mean vector and covariance matrix. *Journal of Loss Prevention in the Process Industries*, 16(1): 9-18, 2003 (SCI).
- 59. Economic design of CSP-1 plan under the dependent production process and linear inspection cost. *Quality Engineering*, 16(2): 239-243, 2003 (EI).
- 60. The optimum process parameters under the one-sided specification limit. *International Journal of Information and Management Sciences*, 14(3): 53-65, 2003 (EI).
- 61. Applying quality loss function in the design of economic specification limits for triangular distribution. *Asia Pacific Management Review*, 8(1): 1-12, 2003 (TSSCI).
- 62. Joint design of continuous sampling plans and specification limits. *International Journal of Advanced Manufacturing Technology*, 21(4): 235-237, 2003 (SCI).
- 63. Determining the optimum manufacturing target based on asymmetric quality loss function. *International Journal of Advanced Manufacturing Technology*, 21(3): 193-195, 2003 (SCI).
- 64. Determining the optimum process mean under a beta distribution. Journal of the Chinese Institute of Industrial Engineers, 20(1): 27-32, 2003 (TSSCI).
- 65. Economic specification limits under the inspection error. Journal of the Chinese Institute of Industrial Engineers, 20(1): 9-12, 2003 (TSSCI).

- 66. Tolerance design for a subsystem with unequal specification limits using Taguchi's quadratic loss function. *International Journal of Information and Management Sciences*, 14(1): 31-36, 2003 (EI).
- 67. Economic design of continuous sampling plan under linear inspection cost. *Journal of Applied Statistics*, 29(7): 1003-1009, 2002 (SCI).
- 68. A review and comparative study on adaptive  $\overline{X}$  control charts. Journal of the Chinese Statistical Association, 40(3): 361-390, 2002 (EconLit).
- 69. Minimum-loss design of  $\overline{X}$  charts for correlated data. Journal of Loss Prevention in the Process Industries, 15(6): 405-411, 2002 (SCI).
- 70. Determining the optimum process mean for a poor process. *International Journal of Advanced Manufacturing Technology*, 20(10): 754-757, 2002 (SCI).
- 71. Determining the optimum process mean of a one-sided specification limit. *International Journal of Advanced Manufacturing Technology*, 20(6): 439-441, 2002 (SCI).
- 72. Economic design of  $\overline{X}$  charts for non-normally correlated data. International Journal of Production Research, 39(9): 1931-1941, 2001 (SCI).
- 73. Economic design of Dodge-Romig LTPD single sampling plans for variables under Taguchi's quality loss function. *Total Quality Management*, 12(1): 5-11, 2001 (SSCI).
- 74. Application of computer simulation to the design of a traffic signal timer. *Computers & Industrial Engineering*, 39(1): 81-94, 2001 (SCI).
- 75. Minimum average fraction inspected for TCSP-1 plan. Journal of Applied Statistics, 28(7): 793-799, 2001 (SCI).
- 76. Integrating an EMQ model and product quality. Journal of the Chinese Institute of Engineers, 24(2): 269-272, 2001 (SCI).
- 77. Application of quality function deployment in improving teaching quality: a case study. *Journal of Education and Psychology*, 24(1): 49-66, 2001 (TSSCI).
- 78. Target selection for an indirectly measurable quality characteristic in unbalanced tolerance design. *International Journal of Advanced Manufacturing Technology*, 17(7): 516-522, 2001 (SCI).

- 79. On the present worth of multivariate quality loss. *International Journal of Production Economics*, 70(3): 279-288, 2001 (SCI).
- 80. Design of a continuous sampling plan based on quadratic quality loss function. *Asia Pacific Management Review*, 6(4): 485-489, 2001 (TSSCI).
- Minimum-loss assembly tolerance allocation by considering product degradation and time value of money. *International Journal of Advanced Manufacturing Technology*, 17(2): 139-146, 2001 (SCI).
- 82. Bivariate tolerance design for lock wheels by considering quality loss. *Quality and Reliability Engineering International*, 16(2): 129-138, 2000 (SCI).
- 83. Economic-statistical design of  $\overline{X}$  charts for non-normal data by considering quality loss. Journal of Applied Statistics, 27(8): 939-951, 2000 (SCI).
- 84. Minimum average fraction inspected for CSP-C-1 plan. Journal of Management, 17(4): 677-693, 2000 (TSSCI).
- 85. Design of a CSP-1 plan based on regret-balanced criterion. *Journal of Applied Statistics*, 27(6): 697-701, 2000 (SCI).
- 86. A statistical approach for detecting tool breakage in end milling operations. *Journal of Industrial Technology*, 15(3): 1-7, 1999 (EI).
- 87. Simulation study on the queuing system in a fast-food restaurant. *Journal of Restaurant & Foodservice Marketing*, 3(2): 23-36, 1999.
- 88. Applying quality engineering technique to improve wastewater treatment. *Journal of Industrial Technology*, 15(1): 1-7, 1999 (EI).
- 89. A comparative study on the estimators of standard deviation in statistical process control. *Journal of the Chinese Institute of Engineers*, 22(1): 109-116, 1999 (SCI).
- 90. Application of Taguchi's parameter design in reducing the inventory cost of lot-size reorder-point model. Journal of the Chinese Institute of Industrial Engineers, 15(4): 419-427, 1998 (TSSCI).
- 91. A proposed standard deviation chart for correlated data. Journal of Management and Systems, 5(2): 247-264, 1998 (TSSCI).

- 92. Properties of the half-normal distribution and its application to quality control. *Journal of Industrial Technology*, 14(3): 4-7, 1998 (EI).
- 93. Implementing the automated visual inspection in quality control system. *Journal of Industrial Technology*, 14(1): 6-11, 1998 (EI).
- 94. Ranges control charts for non-normal data. Journal of the Chinese Institute of Industrial Engineers, 14(4): 401-409, 1997 (TSSCI).
- 95. Expectation of the sample standard deviation. *Journal of Quality*, 3(1): 45-64, 1996 (EI).
- 96. Application of the multi-stage validation procedure in simulating a queuing system. *Journal of Industrial Technology*, 12(2): 26-29, 1996 (EI).