五、論文著述：

（一） 請詳列個人最近五年內發表之學術性著作，包括：期刊論文、專書及專書論文、研討會論文、技術報告及其他等，並請依各類著作之重要性自行排列先後順序。

（二） 各類著作請按發表時間先後順序填寫。各項著作請依作者姓名（按原出版之次序）、出版年、月份、題目、期刊名稱（專書出版社）、起迄頁數之順序填寫，被接受刊登尚未正式出版者請附被接受函。

（三） 若期刊屬於 SCI、EI、SSCI 或 A&HCI 等時，請註明；若著作係經由國科會補助之研究計畫所產生，請於最後填入相關之國科會計畫編號。

A. 期刊論文

[A1] Shih-Che Lo and Hung-Hsu Tsai, "Perceived Effectiveness of Developing a Mobile System of Formative Test with Handwriting Revision to Devise an Instruction Design based on Cognitive Apprenticeship Theory," *Sustainability*, 14(4), 2272, 2022. [SCI, SSCI] [Impact Factor = 3.889, Rank Factor M/N = 60/125 (SSCI Q2)@2021JCR, Environmental Studies; Rank Factor M/N = 124/274 (SCIE Q2)@2021JCR, Environmental Sciences; Rank Factor M/N = 6/9 (SSCI Q3)@2021JCR, Green & Sustainable Science & Technology; Rank Factor M/N = 30/44 (SCIE Q3)@2021JCR, Green & Sustainable Science & Technology] (DOI: https://doi.org/10.3390/su14042272)

[A2] Shih-Che Lo and Yi-Cheng Shih, "A Genetic Algorithm with Quantum Random Number Generator for Solving the Pollution Routing Problem in Sustainable Logistics Management," *Sustainability*, 13(15), 8381, 2021. [SSCI, SCI] (MOST109-2637-H-011-002) [Impact Factor = 3.889, Rank Factor M/N = 60/125 (SSCI Q2)@2021JCR, Environmental Studies; Rank Factor M/N = 124/274 (SCIE Q2)@2021JCR, Environmental Sciences; Rank Factor M/N = 6/9 (SSCI Q3)@2021JCR, Green & Sustainable Science & Technology; Rank Factor M/N = 30/44 (SCIE Q3)@2021JCR, Green & Sustainable Science & Technology] (DOI: https://doi.org/10.3390/su13158381)

[A3] Fu-Kwun Wang, Yeneneh Tamirat, Shih-Che Lo and Muhammad Aslam, "Dependent Mixed and Mixed Repetitive Sampling Plans for Linear Profiles," *Quality and Reliability Engineering International*, Vol. 33, Issue 8, pp. 1669-1683, 2017. [SCI] [Impact Factor = 2.885, Rank Factor M/N = 34/91 @2020JCR, Multidisciplinary Engineering; Rank Factor M/N = 33/84 @2020JCR, Operations Research & Management Science; Rank Factor M/N = 29/49 @2020JCR, Industrial Engineering] (DOI: https://doi.org/10.1002/qre.2134)

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@2020JCR, Multidisciplinary Engineering; Rank Factor M/N = 33/84 @2020JCR, Operations Research & Management Science; Rank Factor M/N = 29/49 @2020JCR, Industrial Engineering] (DOI: https://doi.org/10.1002/qre.1892)

[A6] Hung-Hsu Tsai, Yen-Shou Lai, Shih-Che Lo, Pao-Ta Yu, "Perceived Effectiveness of Using the Life-like Multimedia Materials Tool," *Educational Technology & Society*, Vol. 18, Issue 3, pp. 89–99, 2015. [SSCI] [Impact Factor = 0.824, Rank Factor M/N = 94/219 @2013, Education & Educational Research]

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B. 專書及專書論文

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[C2] Sheng-Siang Kao and Shih-Che Lo, "Production Quality Prediction in Smart Manufacturing based on the Big Data Predictive Analytics with AI," the Manufacturing and Service Operations Management 2019 Conference, Singapore, Singapore, 2019.

[C3] Shih-Che Lo, "Design of a Real-time Intelligent Healthcare Dispatching System based on the Big Data Predictive Analytics," the Manufacturing and Service Operations Management 2019 Conference, Singapore, Singapore, 2019.

[C4] Shih-Che Lo, Tzung-Shian Li, "Using Big Data Analytics for Money Laundering Detection - A Case Study" Proceedings of the Asia Pacific Industrial Engineering & Management Systems Conference 2016, Taipei, Taiwan, 2016.

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[C6] Jung-Wei Chang, Xin-Yi Jiang, Xiu-Ru Chen, Chia-Chen Lin, Shih-Che Lo, "Service Quality for the YouBike System in Taipei," the 2013 IIE Asian Conference, Taipei, Taiwan.

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[C22] Shih-Che Lo, "An Application of FCA to Vendor Selection Decisions," the 36th International Conference on Computers and Industrial Engineering, Taipei, Taiwan, 2006.

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