

廖文正 副教授 Wen-Cheng Liao

Associate Professor

學歷/ 美國密西根大學博士

Ph.D., in Civil and Env. Eng. Univ. of Michigan

專長/ 高性能混凝土、鋼纖維混凝土、鋼筋混凝土學、混凝土結構抗震設計

High Performance Concrete, Fiber Reinforced Concrete, Reinforced Concrete, Seismic Design for RC Structures

期刊論文 (Journal Paper)

1. Wisena Perceka, Wen-Cheng Liao* and Yung-Fu Wu (2019, Nov.). Shear Strength Prediction Equations and Experimental Study of High Strength Steel Fiber-Reinforced Concrete Beams with Different Shear Span-to-Depth Ratios. Applied Sciences, 9(22), 4790; <https://doi.org/10.3390/app9224790>. (SCI). 本人為通訊作者.
2. Liao, W., Liu, K., and Yeh, C. (2018, Dec). Behaviors of New RC Bridge Columns Made of Highly Flowable Strain-Hardening Fiber-Reinforced Concrete (HF-SHFRC) under Cyclic Loads. Journal of Testing and Evaluation, <https://doi.org/10.1520/JTE20180091>. ISSN 0090-3973., 47(3). (SCI). 本人為第一作者、通訊作者.
3. Louis Ge, Chien-Chih Wang, Chen-Wei Hung, Wen-Cheng Liao and Honghua Zhao (2018, Sep). Assessment of strength development of slag cement stabilized kaolinite. Construction and Building Materials, 184, 492-501. (SCI).
4. Wen-Cheng Liao and Chih-Chiang Yeh (2018, Jul). Implementation of Highly Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) to New RC Bridge Columns for Sustainability Development. Sustainable Civil Infrastructures, pp 140-149. 本人為第一作者、通訊作者.
5. Wen-Cheng Liao, Wei-Ru Su (2018, Jan). Implementation of Highly-Flowable Strain Hardening Fiber Reinforced Concrete in New RC Beam-Column Joints. MATEC Web of Conferences, 147, <https://doi.org/10.1051/mateconf/201814701003>. (EI). MOST 106-2625-M-002-003. 本人為第一作者、通訊作者.
6. Wen-Cheng Liao, Wisena Perceka, Michael Wang (2017, Dec). Experimental study of cyclic behavior of high-strength reinforced concrete columns with different transverse reinforcement detailing configurations. Engineering Structures, 153, 290-301. (SCI, 26/125, ENGINEERING, CIVIL). MOST 105-2221-E-002-057-MY2. 本人為第一作者.

7. Wen-Cheng Liao, Yu Heng Chiang Hsieh, Subhash C. Goel (2017, Nov). Seismic evaluation and collapse prediction of RC moment frame structures by using energy balance concept. *Journal of Vibroengineering*, 19(7), 5268-5277. (SCI). 本人為第一作者、通訊作者。
8. Wen-Cheng Liao, Wisena Perceka, Li-Chen Yu (2017, Jul). Systematic Mix Procedures for Highly Flowable-Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) by Using Tensile Strain Hardening Responses as Performance Criteria. *Science of Advanced Materials*, 9(7), pp. 1157-1168. (SCI). 本人為第一作者。
9. Wisena Perceka, Wen-Cheng Liao, Yo-de Wang (2016, Apr). High Strength Concrete Columns under Axial Compression Load: Hybrid Confinement Efficiency of High Strength Transverse Reinforcement and Steel Fibers. *Materials*, 9(4), 264. (SCI). MOST 104-2221-E-002-217. 本人為通訊作者。
10. Xin Kang, Louis Ge and Wen-Cheng Liao (2015, Dec). Cement Hydration-Based Micromechanics Modeling of the Time-Dependent Small-Strain Stiffness of Fly Ash-Stabilized Soils. *International Journal of Geomechanics*. (SCI).
11. Fang-Yao Yeh, Kuo-Chun Chang, and Wen-Cheng Liao (2015, Sep). Experimental Investigation of Self-Sensing Carbon Fiber Reinforced Cementitious Composite for Strain Measurement of an RC Portal Frame. *International Journal of Distributed Sensor Networks*, 25. (SCI).
12. Wen-Cheng Liao, Wisena Perceka, En-Jui Liu (2015, Aug). Compressive Stress-Strain Relationship of High Strength Steel Fiber Reinforced Concrete. *Journal of Advanced Concrete Technology*, 13, 379-392. (SCI). MOST 103-2625-M-002-009. 本人為第一作者。
13. Wen-Cheng Liao, Shih-Ho Chao (2015, Mar). Crack Opening Evaluation and Sustainability Potential of Highly Flowable Strain-Hardening Fiber-Reinforced Concrete (HF-SHFRC). *Journal of Testing and Evaluation*, 43(2), 326-335. (SCI). MOST 103-2625-M-002-009. 本人為第一作者、通訊作者。
176. 陳振川, 廖文正, 劉庭愷, 秦維邑 (2018年03月)。台灣混凝土潛變收縮資料庫建置及特質分析。《結構工程》, 33(1), 103-116。本人為通訊作者。
18. 廖文正, 胡瑋秀 (2017年09月)。台灣高強度混凝土彈性模數預估公式研究。《結構工程》, 32(3), 5-26。科技部：104-2221-E-002-217。本人為第一作者、通訊作者。
19. 周肇昱, 夏瑄, 廖文正 (2017年04月)。水泥工業中減少碳排放量技術發展現況。《混凝土科技》, 11(2), pp 42-48。本人為通訊作者。
20. 廖文正 (2017年02月)。新世代耐震材料-高流動性應變硬化鋼纖維混凝土的研發及應用。《中國土木水利工程學會會刊》, 44(1), pp 52-58。本人為第一作者、通訊作者。

21. 廖文正(2016年11月)。台灣 30000psi 的活性粉混凝土技術發展現況。混凝土科技, 10(4), 38-50。本人為第一作者、通訊作者。
22. 廖文正, 林致淳, 詹穎雯 (2016年11月)。台灣混凝土彈性模數建議公式研究。結構工程, 31(3), 5-31。科技部: 104-2221-E-002-217。本人為第一作者、通訊作者。
23. 劉光晏, 廖文正, 葉智強 (2015年12月)。添加高強度端鉤型鋼纖維之高強度鋼筋混凝土橋柱之耐震行為研究。中國土木工程學會會刊, 42(6)。本人為通訊作者。
24. 劉光晏, 廖文正, 葉智強, 張國鎮 (2015年12月)。高強度高流動性應變硬化鋼纖維混凝土單式橋墩耐震行為實驗與預測之研究。中國土木工程學刊, 27(4), pp 287-300。(EI)。

研討會論文 (Conference Proceeding)

1. W. C. Liao* Y. J. Kuo and E. J. Liu (2019. Dec) A CONFINEMENT EFFICIENCY OF HOOKED STEEL FIBERS IN HIGH STRENGTH CONCRETE. 16th East Asia-Pacific Conference on Structural Engineering & Construction (EASEC16), Brisbane, Australia. 本人為第一作者、通訊作者。
2. Wen-Cheng Liao and Jenn-Chuan Chern (2019. Sep.) CODE DEVELOPMENT OF CONCRETE DEFORMATION IN TAIWAN BY ESTABLISHMENT OF ANALYSIS SYSTEM AND FAST-ACCESS CLOUD-BASED DATABASE. The 3rd ACF Symposium 2019, Sapporo Japan. 本人為第一作者、通訊作者。
3. Wen-Cheng Liao (2019. Apr). Establishment of Analysis System and Fast-Access Cloud-Based Database of Concrete Deformation. 2019 Japan-Taiwan Workshop on Structural and Bridge Engineering, Kyoto, Japan. 本人為第一作者、通訊作者。
4. Wen-Cheng Liao, Wei-Ru Su and Kai-Yueh Chang (2019. Apr.). Elimination of Transverse Reinforcement in NEW RC Beam-Column Joints by using Highly Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC). the 8th Civil Engineering Conference in the Asian Region (CECAR 8), Tokyo, Japan. 本人為第一作者、通訊作者。
5. Wen-Cheng Liao (2019. Mar). Experimental Study and Design Recommendations of Beam-Column Joints with High Strength Materials and Highly Flowable Strain Hardening Fiber Reinforced Concrete. 2019 ACI Spring Convention, Quebec, Canada. 本人為第一作者、通訊作者。
6. Chia-Chun Guo, Wei-Cheng Chen and Wen-Cheng Liao (2018, Nov). Ultimate Shear Strength of High Strength Steel Fiber Reinforced Concrete Deep Beams. The 31st KKHTCNN Symposium on Civil Engineering, Kyoto, Japan. MOST 106-2625-M-002-003.

7. Da-Zhan Huang, Kuang-Chieh Lin and Wen-Cheng Liao (2018, Nov). Corrosion Current Measurement under Different Corrosion Types of Steel Bars . The 31st KKHTCNN Symposium on Civil Engineering, Kyoto, Japan. MOST 105-2221-E-002-057-MY2.
8. Wei-Hsiu Hu, Wei-Sheng Lin and Wen-Cheng Liao (2018, Nov). Influences of Reduced Elastic Modulus in Taiwan on the Collapse Evaluation of Structures. The 31st KKHTCNN Symposium on Civil Engineering, Kyoto, Japan. MOST 104-2221-E-002-217.
9. Wen-Cheng Liao, Li-Wei Tseng, and Wei-Ru Su (2018, Nov). Development and Application of Highly Flowable Strain Hardening Fiber Reinforced Concrete in New RC Building Systems. The 20th Taiwan-Korea-Japan Joint Seminar on Earthquake Engineering for Building Structures (SEEBUS 2018) , Kyoto, Japan. MOST 107-2625-M-002-011. 本人為第一作者、通訊作者.
- 10 You-Man Lin, Wei-Hsiu Hu and Wen-Cheng Liao (2018, Nov). Study of Influences of Reduced Elastic Modulus on Design Specifications for Concrete Structures in Taiwan . The 31st KKHTCNN Symposium on Civil Engineering, Kyoto, Japan. MOST 104-2221-E-002-217.
11. Wen-Cheng Liao (2018, Oct). Establishment of Analysis System and Fast-Access Cloud-Based Database of Concrete Deformations. JCI and TCI Joint Workshop, Tokyo, Japan. 本人為第一作者、通訊作者.
12. Wen-Cheng Liao (2018, May). Development and Application of Highly-Flowable Strain Hardening Fiber Reinforced Concrete in New RC Building Systems. 2018 Workshop with NCREE and Kyushu University, Taipei, Taiwan. MOST 106-2625-M-002-003. 本人為第一作者、通訊作者.
13. Wen-Cheng Liao (2018, Apr). Experimental Study of the First Precast and Prestressed UHPFRC Segmental Box-Girder Bridge in Taiwan. The 11th Taiwan-Japan Workshop on Structural and Bridge Engineering, Taipei, Taiwan. 本人為第一作者、通訊作者.
14. Wen-Cheng Liao, Wei-Ru Su, and Kai-Yueh Chang (2018, Apr). Experimental Study of NEW RC Exterior Beam-Column Joint made of Highly-Flowable Strain Hardening Fiber Reinforced Concrete. STRUCTURES CONGRESS, ASCE SEI 2018 , Fort Worth, TX, USA. MOST 106-2625-M-002-003. 本人為第一作者、通訊作者.
15. Kai-Yueh Chang, Wen-Cheng Liao, Wei-Cheng Chen (2017, Nov). Shear Strength and Cyclic Behavior of High Strength Steel Fiber Reinforcement Concrete Exterior Beam-Column Joints. The Thirtieth KKHTCNN Symposium on Civil Engineering, Taipei, Taiwan. MOST 106-2625-M-002-003.

16. Tzu-Yu Hsu, Wen-Cheng Liao, Da-Zhan Huang (2017, Nov). Experimental Design for Mechanical Behavior of Deteriorated SFRC Beam with Working Stress Cracks by Accelerated Salt Spray Test. The Thirtieth KKHTCNN Symposium on Civil Engineering, Taipei, Taiwan. MOST 105-2221-E-002-057-MY2.
17. Yi-Ting He, Wen-Cheng Liao, Wei-Hsiu Hu (2017, Nov). Analysis of Surface Crack Characteristics and Compressive Behavior of Concrete under Uniaxial Compression . The Thirtieth KKHTCNN Symposium on Civil Engineering, Taipei, Taiwan.
18. Wen-Cheng Liao, Wei-Ru Su (2017, Oct). Development and Application of Highly-Flowable Strain Hardening Fiber Reinforced Concrete in New RC Building Systems. The 15th East Asia-Pacific Conference on Structural Engineering and Construction, EASEC-15, Xian. MOST 106-2625-M-002-003. 本人為第一作者、通訊作者.
19. Wen-Cheng Liao, Wei-Ru Su (2017, Sep). Implementation of Highly-Flowable Strain Hardening Fiber Reinforced Concrete in New RC Beam-Column Joints. The 3rd International Conference on Sustainable Infrastructure and Built Environment, SIBE 2017 , Bandung, Indonesia. MOST 106-2625-M-002-003. 本人為第一作者、通訊作者.
20. Wen-Cheng Liao (2017, Mar). Implementation of Highly Flowable Strain Hardening Fiber Reinforced Concrete in New RC Precast Infrastructure System. 2017 Japan-Taiwan Workshop on Structural and Bridge Engineering, Kyoto, Japan. 本人為第一作者、通訊作者.
21. Wen-Cheng Liao, Li-Wei Tseng (2017, Jan). Application of Highly-Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) in NEW RC Columns. 16th World Conference on Earthquake, 16WCEE 2017, Santiago, Chile. MOST 103-2625-M-002-009. 本人為第一作者、通訊作者.
22. Wei-Ru Su, Kai-Yueh Chang, Wen-Cheng Liao (2016, Dec). Cyclic Behavior of High Strength Hook Ended Steel Fiber Reinforced Concrete Exterior Beam-Column Joints . The Twenty-Ninth KKHTCNN Symposium on Civil Engineering, Hong Kong, China.
23. Yu-Shan Ho, Yi-Ting Ho, Wen-Cheng Liao (2016, Dec). Study of Mechanical Properties after Accelerated Degradation Test for High Strength Fiber Reinforced Concrete. The Twenty-Ninth KKHTCNN Symposium on Civil Engineering, Hong Kong, China. MOST 105-2221-E-002-057-MY2.
24. Wen-Cheng Liao (2016, Nov). Implementation of Highly Flowable Strain Hardening Fiber Reinforced Concrete in Precast System for Sustainability Development. the 4th Cross-strait Forum on Sustainable Urban Development, Taipei, Taiwan. 本人為第一作者、通訊作者.
25. Wen-Cheng Liao, Chih-Chiang Yeh (2016, Oct). Simulation of Cyclic Behavior for New RC Bridge Columns made of Highly-Flowable Strain Hardening Fiber Reinforced Concrete

- (HF-SHFRC) by OpenSees. The 2nd Association of Computational Mechanics Taiwan (ACMT) Conference, Taipei, Taiwan. 本人為第一作者、通訊作者。
26. Wen-Cheng Liao, Chih-Chiang Yeh (2016, Oct). Implementation of Highly Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) to New RC Bridge Columns. the 7th International Conference of Asian Concrete Federation, Hanoi, Vietnam. MOST 103-2625-M-002-009. 本人為第一作者、通訊作者。
27. Wen-Cheng Liao, Li-Wei Tseng (2016, Aug). Experimental Study on Highly-Flowable Strain Hardening Fiber Reinforced Concrete Columns Subjected to Lateral Cyclic and High Axial Loading. CIVIL ENGINEERING CONFERENCE IN THE ASIAN REGION, CECAR 7, Hawaii, US. MOST 103-2625-M-002-009. 本人為第一作者、通訊作者。
28. Wen-Cheng Liao (2016, May). Confinement Efficiency of Hooked Steel Fibers in High Strength Concrete. The 9th Taiwan-Japan Workshop on Structural and Bridge Engineering, Taipei, Taiwan. 本人為第一作者、通訊作者。
29. Wen-Cheng Liao (2016, Apr). Lateral Cyclic Behavior of Hollow Bridge Piers made of Highly Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) . The 2nd Workshop with NCREE and Kyushu University, Taipei, Taiwan. 本人為第一作者、通訊作者。
30. Wen-Cheng Liao and Li-Wei Tseng (2015, Dec). Application of Highly-Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) in NEW RC Columns. the Second International Conference on Performance-based and Lifecycle Structural Engineering (PLSE 2015), Brisbane, Australia . MOST 103-2625-M-002-009. 本人為第一作者、通訊作者。
31. Wei-Ru Su, Chih-Chiang Yeh and Wen-Cheng Liao (2015, Nov). Experimental Analysis of Cyclic Behavior for New RC Bridge Columns with High Strength Hooked Steel Fibers. The 28th KKHTCNN Symposium on Civil Engineering, Bangkok, Thailand.
32. Wen-Cheng Liao and Chih-Chiang Yeh (2015, Nov). Implementation of Highly Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC) to New Rc Infrastructures for Sustainable Urbanization. 3rd Cross-Strait Forum on Sustainable Urban Development , Chengdu, China. MOST 103-2625-M-002-009. 本人為第一作者、通訊作者。
33. Yu-Hsuan Tseng, Yu-De Wang, Wen-Cheng Liao (2015, Nov). Experimental Study of High Strength Steel Fiber Reinforced Concrete Columns subjected to Uniaxial Compression Loading. The 28th KKHTCNN Symposium on Civil Engineering. MOST 103-2625-M-002-009.
34. Wen-Cheng Liao (2015, Oct). Practice-Oriented Curriculum at NTUCE (Capstone Course). Innovative Engineering Education Forum, Taipei, Taiwan. 本人為第一作者、通訊作者。
35. Wen-Cheng Liao (2015, Apr). Cyclic Behavior of Hollow New RC Fiber Reinforced Bridge

- Columns . The 8th Taiwan-Japan Workshop on Structural and Bridge Engineering, Kyoto, Japan. 本人為第一作者、通訊作者。
36. Wen-Cheng Liao (2015, Jan). Sustainability Potential of Highly Flowable Strain Hardening Fiber Reinforced Concrete (HF-SHFRC). Second International Conference on Sustainable Urbanization (ICSU 2015), Hong Kong. MOST 103-2625-M-002-009. 本人為第一作者、通訊作者。
37. 胡瑋秀, 林偉聖, 廖文正 (2018 年 11 月)。台灣彈性模數折減對結構崩塌性能評估研究。中華民國第 14 屆結構工程及第 4 屆地震工程研討會, 台中, 台灣。科技部: 104-2221-E-002-217。
38. 胡瑋秀, 林佑蔓, 廖文正 (2018 年 11 月)。台灣混凝土彈性模數折減對結構設計規範的影響研究。中華民國第 14 屆結構工程及第 4 屆地震工程研討會, 台中, 台灣。
39. 陳韋丞, 郭珈均, 廖文正 (2018 年 11 月)。高強度鋼纖維混凝土深梁極限剪力強度研究。中華民國第 14 屆結構工程及第 4 屆地震工程研討會, 台中, 台灣。
40. 黃大展, 林廣杰, 廖文正 (2018 年 11 月)。考量鋼筋不同腐蝕型態之長期腐蝕電流模型建立實驗設計。中華民國第 14 屆結構工程及第 4 屆地震工程研討會, 台中, 台灣。
41. 廖文正, 王又德, 蘇韋如, 張凱越 (2017 年 12 月)。以高流動性應變硬化鋼纖維混凝土取代 New RC 梁柱接頭箍筋之設計及驗證。台灣高強度鋼筋混凝土 (Taiwan New RC) 結構施工技術與構件耐震性能研討會, 台北, 台灣。科技部: 106-2625-M-002-003。本人為第一作者、通訊作者。
42. 何宜庭, 廖文正, 胡瑋秀 (2017 年 11 月)。混凝土於單軸壓下表面裂縫特徵與軸壓行為分析研究。台灣混凝土學會 2017 年會暨混凝土工程研討會, 嘉義, 台灣。
43. 張凱越, 廖文正, 陳韋丞 (2017 年 11 月)。高強度鋼纖維混凝土外部梁柱接頭剪力強度與反復側推行為研究。台灣混凝土學會 2017 年會暨混凝土工程研討會, 嘉義, 台灣。科技部: 106-2625-M-002-003。
44. 許祖祐, 廖文正, 黃大展 (2017 年 11 月)。具工作應力裂縫之鋼纖維混凝土梁鹽霧加速劣化後力學行為實驗設計。台灣混凝土學會 2017 年會暨混凝土工程研討會, 嘉義, 台灣。科技部: 105-2221-E-002-057-MY2。
45. 廖文正 (2017 年 05 月)。版、牆、基礎之設計。106 年度混凝土結構技術規範修正草案研討會, 台北, 台灣。本人為第一作者、通訊作者。
46. 廖文正 (2016 年 12 月)。活性粉混凝土介紹與近期發展。活性粉混凝土應用於橋樑工程之研究成果發表會, 台北, 台灣。本人為第一作者、通訊作者。
47. 廖文正 (2016 年 12 月)。高流動性應變硬化鋼纖維混凝土於 New RC 結構系統之應用。New RC 結構設計與施工技術研討會, 台北, 台灣。科技部: 103-2625-M-002-009。本

人為第一作者、通訊作者。

48. 廖文正 (2016 年 12 月)。台灣混凝土彈性模數修正建議。混凝土結構技術規範修正草案說明研討會，新北市，台灣。本人為第一作者、通訊作者。
49. 廖文正，黃仲偉 (2016 年 12 月)。自動化整合沖刷及裂縫監測影像系統。流域防災監測預警技術落實應用研討會，台北，台灣。科技部：105-3011-F-002-005。本人為第一作者、通訊作者。
50. 何郁嫻，何宜庭，廖文正 (2016 年 08 月)。高強度鋼纖維混凝土於鹽霧加速劣化試驗力學性質研究。中華民國第十三屆結構工程研討會暨第三屆地震工程研討會，桃園，台北。本人為通訊作者。
51. 廖文正，胡瑋秀 (2016 年 08 月)。台灣高強度混凝土彈性模數建議公式研究。中華民國第十三屆結構工程研討會暨第三屆地震工程研討會，桃園，台北。科技部：104-2221-E-002-217。本人為第一作者、通訊作者。
52. 李昆穎，許祖祐，廖文正 (2016 年 08 月)。不同相對節面積之竹節鋼筋於普通與高強度混凝土中之握裹行為研究。中華民國第十三屆結構工程研討會暨第三屆地震工程研討會，桃園，台北。本人為通訊作者。
53. 蘇韋如，張凱越，廖文正 (2016 年 08 月)。高強度鋼纖維混凝土於外部梁柱接頭之反覆側推行為研究。中華民國第十三屆結構工程研討會暨第三屆地震工程研討會，桃園，台北。本人為通訊作者。
54. 廖文正，詹穎雯 (2015 年 12 月)。高強度混凝土品質及控制與添加鋼纖維之應用。高強度鋼筋混凝土 (New RC) 結構設計手冊研討會，台北，台灣。科技部：103-2625-M-002-009。本人為第一作者、通訊作者。
55. 王又德，廖文正 (2015 年 12 月)。高強度鋼纖維鋼筋混凝土柱軸壓及韌性行為研究。台灣混凝土學會 2015 年會暨混凝土工程研討會，台中，台灣。科技部：103-2625-M-002-009。本人為通訊作者。
56. 葉智強，劉光晏，廖文正 (2015 年 12 月)。添加高強度端鉤型鋼纖維之高強度鋼筋混凝土橋柱之耐震行為研究。台灣混凝土學會 2015 年會暨混凝土工程研討會，台中，台灣。
57. 廖文正 (2015 年 10 月)。高流動性應變硬化鋼纖維鋼筋混凝土柱高軸壓下之反覆側推行為分析。第四屆海峽兩岸地震工程青年學者研討會，台北，台灣。科技部：103-2625-M-002-009。本人為第一作者、通訊作者。

專書

1. Chien-Kuo Chiu, Chung-Chan Hung, Hung-Jen Lee, Kai-Ning Chi, Ker-Chun Lin, Kuang-Yen, Liu, Min-Lang Lin, Min-Yuan Cheng, Sheng-Jih Jhuang, Shyh-Jiann Hwang,

Wen-Cheng Liao, Wen-Cheng Shen, Yi-An Li, Yu-Chen Ou and Yung-Chih Wang. Design Guideline for Building of High-Strength Reinforced Concrete Structures. Taipei, Taiwan. Dec., 2018. MOST 105-2625-M-00-004.

2. 中華民國結構工程學會（2017 年 12 月）。高強度鋼筋混凝土結構設計手冊。科技圖書股份有限公司。本人為此手冊編修小組成員。
3. 社團法人台灣混凝土學會（2017 年 03 月）。預鑄混凝土工程施工規範與解說（ISBN：978-986-90199-2-7）（1）。台灣台北。本人為規範編審小組成員。
4. ACI 318 委員會（2016 年 04 月）。結構混凝土建築規範與解說（ACI 318-14 Traditional Chinese）（ISBN：978-986-84012-7-3）（1）。台灣台北：科技圖書股份有限公司。本人為編譯小組成員。