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Earthquake Engineering, Passive Structural Control, Seismic Performance-Based Design of Buildings, Seismic Risk Assessment of Nuclear Power Plants

### 期刊論文(Journal Paper)

1. 謝瑋桓，盧煉元，蕭輔沛，湯宇仕，黃尹男（2018年06月）。中高樓結構機率式倒塌風險評估法之應用研究。《結構工程》，33(2), 89-120。
2. 顏愉、溫欣儀、黃尹男、陳柏華（2018年10月）。尖端人工智慧於土木設施應用之展望。《土木水利》，第四十五卷，第五期，第51-58頁。
3. Huang, Y.-N., Whittaker, A. S., and Hamburger, R. O. (2017, Nov). A simplified analysis procedure for performance-based earthquake engineering of building. *Engineering Structures*, 150(11), 719-735. 本人為第一作者、通訊作者。
4. Lin, F.-R., Chai, J.-F., Lai, Z.-Y., Chen, M.-Y., Huang, Y.-N., and Chang, K.-C. (2017, Mar). A simplified method for the evaluation of seismic demands on in-cabinet equipment in motor control center type cabinets in nuclear power plants. *Journal of the Chinese Institute of Engineers*, 40(3), 179-190.
5. Samanta, A., and Huang, Y.-N. (2017, Mar). Ground motions scaling for seismic performance assessment of high-rise moment-resisting frame building. *Soil Dynamics and Earthquake Engineering*, 94(3), 125-135.
6. Huang, Y.-N., Yen, W.-Y., and Whittaker, A. S. (2016, Dec). Correlation of horizontal and vertical components of strong ground motion for response-history analysis of safety-related nuclear facilities.. *Nuclear Engineering and Design*, 310(12), 273-279. 本人為第一作者、通訊作者。
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8. Epackachi, S., Whittaker, A. S. Huang, Y.-N. (2015, Feb). Analytical modeling of rectangular SC wall panels. *Journal of Constructional Steel Research*, 105, 49-59.

**研討會論文 (Conference Paper)**

1. Yang, Y.-H., Lin, Y.-C., Chang, C.-C., and Huang, Y.-N. (2019, Sep). Performance of friction-pendulum bearing systems subjected to near-fault ground motions. International Conference in Commemoration of 20th Anniversary of the 1999 Chi-Chi Earthquake, Taipei, Taiwan. MOST 108-2221-E-002-083. 本人為通訊作者.
2. Huang, Y.-N., Chang, C.-C., Cheng, Y.-C., and Ho, C.-A. (2018, Nov). In-plane cyclic behavior of steel-plate composite walls with boundary elements. The 31st KKHTCNN Symposium on Civil Engineering, Kyoto, Japan. MOST 107-2221-E-002-027. 本人為第一作者、通訊作者.
3. Yang, Y.-H., Lin, Y.-C., and Huang, Y.-N. (2018, Nov). An experimental study of frictional-pendulum isolation system subjected to pulse-like ground motions. The 20th Taiwan-Japan-Korea Joint Seminar on Earthquake Engineering for Building Structures (SEEBUS), Kyoto, Japan. 本人為通訊作者.
4. Huang, Y.-N. (2017, Sep). Seismic behavior of steel-plate composite walls.. 3rd International Conference on Sustainable Infrastructure and Built Environment (SIBE), Bandung, Indonesia. 本人為第一作者、通訊作者.
5. Huang, Y.-N., Chang, C.-C., and Lin, B.-S. (2017, Sep). In-plane cyclic behavior of shear-critical steel-plate composite walls. The 19th Taiwan-Japan-Korea Joint Seminar on Earthquake Engineering for Building Structures (SEEBUS), Seoul, Korea.. 本人為第一作者、通訊作者.
6. Chang, C.-C., Huang, Y.-N., Cheng, Y.-C., and Ho, C.-A. (2017, Jul). An experimental study of the in-plane cyclic behavior of steel-plate composite walls with boundary elements.. 24th International Conference on Structural Mechanics in Reactor Technology (SMiRT), Busan, Korea.
7. Huang, Y.-N. (2017, Jul). Challenges in the design of seismically isolated emergency response centers in Taiwan.. 24th International Conference on Structural Mechanics in Reactor Technology (SMiRT), Busan, Korea.. 本人為第一作者、通訊作者.
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9. Huang, Y.-N., Chang, C.-C., Cheng, Y.-C., and Ho, C.-A. (2016, Dec). In-plane cyclic behavior of steel-plate composite walls with boundary elements. The 18th Japan-Taiwan-Korea Joint Seminar on Earthquake Engineering for Building Structures,

- Tainan, Taiwan. 本人為第一作者。
10. Huang, Y.-N. (2016, Aug). Cyclic Behavior of Steel-Plate Composite Wall Piers. the Second Huixian International Forum on Earthquake Engineering for Young Researchers, Beijing, China. 本人為第一作者、通訊作者。
  11. Huang, Y.-N., and Liu, C.-R. (2016, Jul). Impact of near-fault ground motions on the efficiency of viscous-damping systems.. ASME 2016 Pressure Vessels and Piping Conference, British Columbia, CA. 本人為第一作者、通訊作者。
  12. Chang, C.-C., Huang, Y.-N., and Chen, B.-A. (2015, Sep). An experimental study of the cyclic behavior of low aspect ratio SC wall piers.. The 17th Japan-Taiwan-Korea Joint Seminar on Earthquake Engineering for Building Structures , Tokyo, Japan. 本人為通訊作者。
  13. Chang, C.-C., Huang, Y.-N., Chen, B.-A., Epackachi, S., and Whittaker, A. (2015, Aug). An experimental study of the in-plane cyclic behavior of low aspect ratio SC wall piers.. 23rd International Conference on Structural Mechanics in Reactor Technology, Manchester, UK.
  14. Yu, C.-C., and Huang, Y.-N. (2015, Aug). Impact of uncertainty on seismic probabilistic risk assessment of nuclear power plants.. 23rd International Conference on Structural Mechanics in Reactor Technology, Manchester, UK. 本人為通訊作者。

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15. 楊亞衡, 林禹辰, 張長菁, 黃尹男 (2018年11月)。摩擦單擺隔震系統受脈衝型地震歷時作用之振動台試驗。中華民國第十四屆結構工程研討會暨第四屆地震工程研討會, 台中, 台灣。
16. 高翊書, 詹家昕, 黃尹男, 張長菁 (2018年11月)。含邊界構材之鋼板混凝土複合牆之耐震行為及反覆載重試驗研究。中華民國第十四屆結構工程研討會暨第四屆地震工程研討會, 台中, 台灣。
17. 黃尹男, 高翊書, 詹家昕, 張長菁 (2018年09月)。含邊界構材之鋼板混凝土複合牆之耐震行為及反覆載重試驗研究。第六屆海峽兩岸地震工程青年學者研討會, 大連, 中國。科技部: 107-2221-E-002-027。本人為第一作者、通訊作者。
18. 張長菁, 黃尹男, 鄭與錚, 何其安 (2016年08月)。含邊界構材之鋼板混凝土複合牆之耐震行為及反覆載重試驗研究。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。