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Reinforced Concrete, Earthquake Resistance Design Evaluation, and Retrofitting of Reinforced Concrete Structures, Prestressed Concrete

期刊論文 (Journal Paper)

1. Hwang, S. J., Yang, Y. H., and Li, Y. A. (2021). "Maximum Shear Strength of Reinforced Concrete Beams," accepted by ACI Structural Journal. (SCI , EI)
2. Lin, J. L., Chen, W. H., Hsiao, F. P., Weng, Y. T., Shen, W. C., Weng, P. W., Chao, S. H., Chung, L. L., and Hwang, S. J. (2021). "Effects of Hysteretic Models on the Seismic Evaluation of a Collapsed Irregular Building from Bidirectional Near-fault Ground Motions on a Shake Table," *Engineering Structures*, 247 (2021) 113087. (SCI , EI)
3. Hwang, S. J., Yang, Y. H., and Li, Y. A. (2021). "Maximum Shear Strength of Reinforced Concrete Deep Beams," *ACI Structural Journal*, V. 118, No. 6, November, pp. 155-164. (SCI , EI)
4. Mogili, S., and Hwang, S. J. (2021). "Softened Strut-and-Tie Model for Shear and Flexural Strengths of Reinforced Concrete Pile Caps," *Journal of Structural Engineering*, ASCE, V. 147, No. 11, 04021169. (SCI , EI)
5. Tsai, R. J., Hsu, Y. C., and Hwang, S. J. (2021). "Prediction of Lateral Load-Displacement Curve of Reinforced Concrete Walls with Openings under Shear Failure," *ACI Structural Journal*, V. 118, No. 5, September, pp. 275-284. (SCI , EI)
6. Suzuki, T., Elwood, K., Puranam, A., Lee, H. J., Hsiao, F. P., and Hwang, S. J. (2021). "Shake-table Tests of Seven-story Reinforced Concrete Structures with Torsional Irregularities: Test Program and Datasets," *Earthquake Spectra*, Vol. 37, No. 4, pp. 2946-2970. 87552930211016869. (SCI , EI)
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