



您所在的位置: 首页 > 师资情况 > 教师详细信息

返回



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教育背景

1998.9-2002.7 清华大学土木工程系, 学士学位

2002.9-2007.7 清华大学土木工程系, 博士学位

工作经历

2007.10-2009.10 日本京都大学防灾研究所, 博士后研究员

2009.11-2011.11 清华大学土木工程系, 讲师

2011.12-至今 清华大学土木工程系, 副教授

研究领域

结构抗震减震

结构健康监测与损伤诊断

结构振动试验与测试技术

研究概况

讲授课程

研究生课程《高等结构动力学》

研究生课程《灾害学》-讲授地震灾害部分

本科生课程《高层建筑与结构抗震》

学术成果

1. Jiaru Qian, Zao Jiang, Xiaodong Ji. Behavior of steel tube-reinforced concrete composite walls subjected to high axial force and cyclic loading. *Engineering Structures*, 2012, 36(3): 173-184.

2. Xiaodong Ji, Gregory L. Fenves, Kouichi Kajiwara, Masayoshi Nakashima. Seismic damage detection of a full-scale shaking table test structure.

Journal of Structural Engineering (ASCE), 2011, 137(1):14-21.

3. Xiaodong Ji, Mikiko Kato, Tao Wang, Toko Hitaka, Masayoshi Nakashima. Effect of gravity columns on mitigation of story drift concentration for concentrically braced steel frames. *Journal of Constructional Steel Research*, 2009, 65(12):2148-2156.

4. Xiaodong Ji, Kouichi Kajiwara, Takuya Nagae, Ryuta Enokita, Masayoshi Nakashima. A substructure shaking table test for reproduction of earthquake responses of high-rise buildings, *Earthquake Engineering and Structural Dynamics*, 2009, 38(12):1381-1399.

5. Jiaru Qian, Xiaodong Ji, Weijing Zhang, Longhe Xu, Xueyi Fu, Lei Gu. Damage detection test of a substructure model of National Swimming Center. *Science in China (Series E)*, 2008, 51(7):940-948.

6. Ji Xiaodong, Qian Jiaru, Xu Longhe. Damage diagnosis of a two-storey spatial steel braced-frame model. *Structural Control and Health Monitoring*, 2007, 14(8): 1083-1100.

7. Jiaru Qian, Xiaodong Ji, Youlin Xu. Two-stage damage diagnosis approach for steel braced space frame structures. *Engineering Structures*, 2007, 29(12):3277-3292.