Hasan Ostadhossein

Assistant Professor

College: Faculty of Engineering

Department: Civil Engineering

Education

Degree	Graduated in	Major	University
BSc	1999	Civil Engineering	University of Tehran
MSc	2001	Structural Engineering	University of Tehran
Ph.D	2008	Structural Engineering	University of Tehran

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	(not set)

Papers in Conferences

1. A. Baghbani, H. Ostadhossein،Numerical investigation of the bearing time of reinforced concrete beams against fire،۵ NFUS،Tehran،۲۰۲۲.
2. S. Shiravi, M. Khoda bakhsh, H. Ostadhossein،Comparison of eccentric and concentric braces for MRF seismic rehabilitation.،۱۲th NCCE،Tabriz،۲۰۲۰ ۰۵ ۲۹.
3. A. Jaafari Deligani, H. Ostadhossein, A. Baghbani،Effect of fire on collapse loading of reinforsed concrete beam،۱۲th NCCE،Tabriz،۲۰۲۰ ۰۵ ۲۹.
4. A. Bahrami Taghanaki, H. Ostadhossein،Evaluation of damping ratio in historic buildings،۲nd SRSH،Tehran،۲۰۱۹ ۰۲ ۲۳.
5. A. Naeimi, H. Ostadhossein،Seismic assessment of Fakhr mosque case study،۲nd SRSH،Tehran،۲۰۱۹ ۰۲ ۲۳.
6. F. Musavinejad, H. Ostadhossein،Performance based design of moment resisting frame and comparison with force based design،IRAST،۲۰۱۷.
7. S. M. H. Kamel, H. Ostadhossein, A. Pachenari،Comparison of direct displacement based design and force based design for moment resisting frame (Part I)،IRAST،۲۰۱۷.
8. S. M. H. Kamel, H. Ostadhossein, A. Pachenari،Comparison of direct displacement based design and force based design for moment resisting frame (Part II)،IRAST،۲۰۱۷.

9. H. Ostadhossein, S. LotfI،Performance of sacrificial infill steel panel against impulsive blast loading،IRAST،۲۰۱۷.
10. H. Ostadhossein, S. Lotfi،Steel plate behavior against blast loading،۵th NCNMS،۲۰۱۶.
11. H. Ostadhossein, M. Ghafouri, H. Alinaghipoor،Study on physical and mechanical specificatios of gypsum for industrialization،۵th NCNMS،۲۰۱۶.
12. H. Ostadhossein،Using CSPM mesh-free method in crack propagation of brittle materials،۱۰th ICCE،۲۰۱۵.
13. H. Ostadhossein, S. Farahani،Efficiency of Iranian seismic code to satisfy expected structural performance level،۱۰th ICCE،۲۰۱۵.
14. A. Sharifi, H. Ostadhossein،Seismic analysis of above ground structures on tunnel location،۱۰th ICCE،۲۰۱۵.
15. E. Marashi, H. Ostadhossein،Crack propagation in concrete massive dams،۸th NCCE،۲۰۱۴.
16. B. Moghaddam, H. Ostadhossein،Excavation effect on surrounding structures damage،۸th NCCE،۲۰۱۴.
17. M. Shabkkan, H. Tahghighi, H. Ostadhossein،Seismic nonlinear analysis of single pile in layered soil،۸th NCCE،۲۰۱۴.
18. H. Ostadhossein،Performance evaluation of industrial structures against blast،۷th NCCE،۲۰۱۳.
19. H. Ostadhossein،Dynamic Increase Factor Estimation for Concrete Tensile Strength Using a Particle Method،COMPLAS،۲۰۱۳.
20. H. Ostadhossein, S. Mohammadi،A new approach for elimination of dissipation and dispersion errors in particle methods،ECCM،۲۰۰۶.
21. H. Ostadhossein, S. Mohammadi،Improving time integration method of CSPM mesh-less method in two dimensional elasto-dynamic problems،ECCOMAS،۲۰۰۵.
22. H. Ostadhossein, S. Mohammadi،Improvements of the mesh-less SPH method for solving dynamic systems،۲th NCCE،۲۰۰۵.

Papers in Journals

1. M.Q. Panahy H. Ostadhossein A. Mirzaii A.H. Baghbani،Optimum light weight concrete mix design against high temperature،Sharif Civil Engineering Journal،۲۰۲۲.
2. A. Boluri Kashani, H. Ostadhossein،Damage reduction due to aircraft crash to concrete protective structures،Sharif Civil Engineering Journal،۲۰۲۰.
3. Fatemeh Mousavinejad, H. Ostadhossein،Nonlinear behavior assessment of steel moment resisting frame designed by performance based plastic design،Amirkabir Journal of Civil Engineering،۲۰۱۹.
4. H. Ostadhossein, S. M. H. Kamel, M. Henteh،Differences of FBD and DDBD for MRF Design،Bulletin of Earthquake Science and Engineering،۲۰۱۸.
5. H. Ostadhossein, M. Omidi, M. Henteh،Comparison of Damage Indexes in Performance Assessment of Special Concrete Moment Resisting Frames،Journal of Structural and Construction Engineering،۲۰۱۸.
6. H. Ostadhossein, S. M. H. Kamel, M. Henteh،Performance Comparison of Concrete MRF Designed by Direct Displacement Based and Force Based Methods،Journal of Structural and Construction Engineering،۲۰۱۷.
7. H. Ostadhossein, S. Lotfi,Performance of infill stiffened steel panel against blast loading,Latin American Journal of Solids and Structures,2018.
8. H. Ostadhossein, S. Mohammadi,A stabilized particle method for large deformation dynamic analysis of structures,International Journal of Structural Stability and Dynamics,2012.
9. H. Ostadhossein, S. Mohammadi,Unsteady fluid-moving solid interaction by a kernel based particle method,International Journal for Numerical Methods in Biomedical Engineering,2010.
10. H. Ostadhossein, S. Mohammadi,Analysis of shock wave reflection from fixed and moving boundaries using a stabilized particle method,Particuology,2009.
11. H. Ostadhossein, S. Mohammadi,A field smoothing stabilization of particle methods in

elastodynamics,Finite Elements in Analysis and Design,2008.