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Selection of Research Papers

- Nohegoo-Shahvari, **M. Kamalian** & M. Panji; 2019; "A Hybrid Time-Domain Half-Plane FE/BE Approach for SH-Wave Scattering of Alluvial Sites"; Engineering Analysis with Boundary Elements (ISI); Vol. 105; pp. 194-206.
- M. Moosavi, I. Ashayeri, E. Haghshenas, M. Biglari, **M. Kamalian** & J. Jalili; 2019; "Preliminary Seismic Site Classification Map of Sarpol-e Zahab"; Journal of Seismology and Earthquake Engineering (JSEE) (ISC); (Accepted).
- A. Nohegoo-Shahvari, **M. Kamalian** & M. Panji; 2019; "Two-Dimensional Dynamic Analysis of Alluvial Valleys Subjected to Vertically Propagating Incident SH Waves"; International Journal of Civil Engineering (IJCE) (ISI); Vol. 12, No. 2; 107-116.
- M. Amel Sakhi, B. Ahmadpour & **M. Kamalian**; 2018; "Study of Loose Soil Layer Effects on Excavations Supported by Steel Sheet Pile Walls – A Numerical Study"; Journal of Engineering Geology (JEG) (ISC); Vol. 12 (English Special Issue); pp. 31-56.
- Mohammad Saffar & **Mohsen Kamalian**; 2017; "Implementation of Hierarchical Tree Structure in Fast Multipole Method in 2-D "; Journal of Seismology and Earthquake Engineering (JSEE); Vol. 19(2); pp. 103-112.
- M.R.Lotfizadeh & **M. Kamalian**; 2016; "Estimating Bearing Capacity of Strip Footings over Two-Layered Sandy Soils Using the Characteristic Lines Method"; International Journal of Civil Engineering (IJCE) (ISI); Vol. 14, No. 2; 107-116.
- P. Aminpour, J. Najafizadeh, **M. Kamalian**, M.K. Jafari; 2015; "Seismic Response of 2D Triangular-Shaped Alluvial Valleys Subjected to Vertically Propagating Incident SV Waves"; Journal of Seismology and Earthquake Engineering (JSEE); Vol. 17(2); pp. 89-101.
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- H. Alielahi, **M. Kamalian**, M. Adampira; (2015); "Seismic Ground Amplification by Unlined Tunnels Subjected to Vertically Propagating SV and P Waves using BEM"; Soil Dynamics and Earthquake Engineering (SDEE) (ISI); Vol. 71; 63-79.
- J. Najafizadeh, **M. Kamalian**, M.K. Jafari & N. Khaji; 2014; "Seismic Analysis of Rectangular Alluvial Valleys Subjected to Incident SV Waves By Using the Spectral Finite Element Method"; International Journal of Civil Engineering (IJCE) (ISI); Vol. 12, No. 3; 439-451.
- M. Panji, **M. Kamalian**, J. Asgari Marnani & M.K. Jafari; 2014; "Analyzing seismic convex topographies by a half-plane time-domain BEM"; Geophysical Journal International (GJI) (ISI); Vol. 197, No. 1; 591-607.
- M. Panji, **M. Kamalian**, J. Asgari Marnani & M.K. Jafari; 2014; "Antiplane seismic response from semi-sine shaped valley above embedded truncated circular cavity: a time-domain half-plane BEM "; International Journal of Civil Engineering (IJCE) (ISI); Vol. 12, No. 2; 193-206.
- I. Ashayeri, **M. Kamalian**, M.K. Jafari, M. Biglari & M. Mir Mohammad Sadeghi; 2014; "Two-Dimensional Time Domain Fundamental Solution to Dynamic Unsaturated Poroelasticity"; International Journal of Civil Engineering (IJCE) (ISI); Vol. 12, No. 21; 143-166.
- M. Afzalirad, **M. Kamalian**, M.K. Jafari & A. Sohrabi Bidari; 2014; "Seismic Behavior of Topographic Features with Material Damping Using BEM in Time Domain"; International Journal of Civil Engineering (IJCE) (ISI); Vol. 12, No. 1; 26-44.
- M. Fadaee, M.K. Jafari & **M. Kamalian** & S.M. Moosavi; 2013; "Feasibility Study of Fault Rupture Deviation by Slurry Wall"; International Journal of Civil Engineering (IJCE) (ISI); Vol. 11, No. 2; 76-85.
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