Civil and Environmental Engineering

Year 2014

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- Ashry, A. and Mwafy, A.M., 2014, "3D vulnerability functions for contemporary buildings with varying structural systems and heights", Proceedings of the Second European Conference on Earthquake Engineering and Seismology (2ECEES), 24-29 August, Istanbul, Turkey.
- Issa, A. and Mwafy, A.M., 2014, "Fragility assessment of pre-seismic code buildings and emergency facilities in the UAE", Proceedings of the Second European Conference on Earthquake Engineering and Seismology (2ECEES), 24-29 August, Istanbul, Turkey.
- Alwaeli, W., Mwafy, A.M., Pilakoutas, K. and Guadagnini, M., 2014, "Framework for developing fragility relations of high-rise RC wall buildings based on verified modelling approach", Proceedings of the Second European Conference on Earthquake Engineering and Seismology (2ECEES), 24-29 August, Istanbul, Turkey.
- A.S. El-Dieb, I.E. Shehab, "Cementless Concrete Using Ceramic Waste Powder", Submitted for publication in International Conference on Construction Materials and Structures (ICCMATS), Johannesburg, South Africa, Nov. 24-26, 2014. (Corresponding Author)
- A.S. El-Dieb, T.A. El-Maaddawy, A. Al Sallamin, "*Microstructure and Durability Characteristics of Self-Curing Concrete*", Submitted for publication in International Conference on Construction Materials and Structures (ICCMATS), Johannesburg, South Africa, Nov. 24-26, 2014. (Corresponding Author)
- A.S. El-Dieb, T.A. El-Maaddawy, O. Al-Rawashdah, "Shear Behavior Ultra-High-Strength Steel-Fiber-Reinforced Self-Compacting Concrete Beams", Submitted for publication in International Conference on Construction Materials and Structures (ICCMATS), Johannesburg, South Africa, Nov. 24-26, 2014. (Corresponding Author)
- A.S. El-Dieb, T.A. El-Maaddawy, A. Al Sallamin, A.A. Mahmoud, "Self-Cured Concrete: Performance Assessment and Material Characterization", Concrete Innovation Conference CIC 2014", Oslo, Norway, June 11-13, 2014. (Corresponding Author)
- A.S. El-Dieb, S.I. Abu-Eishah, M.S. Bedir, "Production of Concrete Using Electric-Arc Furnace Slag (EAFS) as Aggregate", Concrete Innovation Conference CIC 2014", Oslo, Norway, June 11-13, 2014. (Corresponding Author)
- T.A. El-Maaddawy, A. Bouchair, A. Biddah, A.S. El-Dieb, "Residual Strength of Aging Concrete T-Girders Strengthened with Near-Surface-Mounted Composite System", Proceedings of the International Conference on Ageing of Materials & Structures (AMS'14), Delft 26 28 May 2014, The Netherlands, Paper No. 191205. (Corresponding Author)
- A.S. El-Dieb, T. El-Maaddawy, A. Al Sallamin, A.A. Mahmoud, "Self-Curing Concrete as New Construction Material", the 1st International Conference on Infrastructure Management, Assessment and Rehabilitation Techniques, ICIMART'14, 4-6 March 2014, AUS, Sharjah, UAE. (Corresponding Author)
- El-Maaddawy, T. and Sherif, E., "Finite Element Analysis of Reinforced Concrete Corbels: Parametric Study and Comparison with STM Predictions", Proceedings of the 1st International

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El-Maaddawy, T. and Sherif, E., "Numerical Modeling of Concrete Beams with Cut-Offs Strengthened in Shear with Externally-Bonded Composites", Proceedings of the 1st International Conference on Infrastructure Management, Assessment and Rehabilitation Techniques (ICIMART'14), 4-6 March, Sharjah, UAE, 2014

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Mauga, T. Maximum Height of Roadside Objects on Inside of Horizontal Curves. Presented at the 93rd Annual Meeting of the Transportation Research Board, CD-ROM, 2014, Washington, DC., pp 213.

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Books

Edited Books

Book Chapters

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