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Artigos na comunidade CIVIL (últimas entradas, ordenadas por ano de publicação)

2012

André, P. S., Varum, H., Antunes, P., Ferreira, L., and Sousa, M. G. (2012). "[Monitoring of the concrete curing process using plastic optical fibers](#)." Measurement, 45(3), 556-560.

Coelho, M., Fernandes, P., Melo, J., Sena-Cruz, J., Varum, H., Barros, J., and Costa, A. (2012). "[Seismic retrofit of RC beam-column joints using the MF-EBR strengthening technique](#)." Trans Tech Publications, 452, 1099-1104.

Neves, F., Costa, A., Vicente, R., Oliveira, C., and Varum, H. (2012). "[Seismic vulnerability assessment and characterisation of the buildings on Faial Island, Azores](#)." Bulletin of Earthquake Engineering, 10(1), 27-44.

Paiva, A., Pereira, S., Sá, A., Cruz, D., Varum, H., and Pinto, J. (2012). "[A contribution to the thermal insulation performance characterization of corn cob particleboards](#)." Energy and Buildings, 45(0), 274-279.

Rodrigues, H., Varum, H., Arêde, A., and Costa, A. (2012). "[A comparative analysis of energy dissipation and equivalent viscous damping of RC columns subjected to uniaxial and biaxial loading](#)." Engineering Structures, 35(0), 149-164.

Rodrigues, H., Varum, H., and Costa, A. (2012). "[A simplified shear model for reinforced concrete elements subjected to reverse lateral loadings](#)." Central European Journal of Engineering, 2(1), 136-145.

Silveira, D., Varum, H., Costa, A., Martins, T., Pereira, H., and Almeida, J. (2012). "[Mechanical properties of adobe bricks in ancient constructions](#)." Construction and Building Materials, 28(1), 36-44.

2011

Pagnini, L. C., Vicente, R., Lagomarsino, S., and Varum, H. (2011). "[A mechanical model for the seismic vulnerability assessment of old masonry buildings](#)." Earthquake and structures, 2(1), 25-42.

Vicente, R., Rodrigues, H., Varum, H., and Mendes da Silva, J. (2011). "[Evaluation of Strengthening Techniques of Traditional Masonry Buildings: Case Study of a Four-Building Aggregate](#)." Journal of Performance of Constructed Facilities, 25(3), 202-216.

2009

Varum, H., Sousa, R., Delgado, W., Fernandes, C., Costa, A., Jara, J. M., Jara, M., and Álvarez, J. J. (2009). "[Comparative structural response of two steel bridges constructed 100 years apart](#)." Structure and Infrastructure Engineering, 7(11), 843-855.