PUBLICATIONS IN REFEREED INTERNATIONAL JOURNALS


42. Pan TC, Brownjohn JMW, You X, ‘Correlating measured and simulated dynamic response of a tall building to long-distance earthquakes’ Earthquake Engineering and Structural Dynamics 33(5), 2004 543-668


**PUBLICATIONS IN REFEREED LOCAL (SINGAPORE) JOURNALS**


**CONFERENCE PAPERS**


68. Hao H, Chouw N, Brownjohn JMW, 'Field measurement and analysis of roadway filtering on traffic-induced ground vibrations', Proceedings the 11th International Conference on Soil Dynamics and Earthquake Engineering and the 3rd International Conference on Earthquake Geotechnical Engineering, 7-9th, January 2004, UC Berkeley, USA, pp196-203.


77. Omenzetter P, Brownjohn JMW, Application of time series and Kalman filtering for structural health monitoring of a bridge. 2nd European workshop on structural health monitoring, Munich, July 2004

78. Brownjohn JMW, Full-scale measurements on a tall building to compare dynamic and quasi-static response to wind. WES conference September, 2004


80. Tan GH, Ng TG, Brownjohn JMW, Real time monitoring and alert systems for civil engineering applications using machine-to-machine technologies. International Conference on structural and Foundation Failures, August 2004, Singapore


84. Brownjohn JMW, Omenzetter P, Moyo P, Data Mining and visualisation for anomaly detection and diagnosis in civil structures IMACXXIII, Orlando, USA, 2005.


87. Brownjohn JMW, Long-term monitoring of dynamic response of a tall building for performance evaluation and loading characterisation, IOMAC, Denmark, 26-27 April 2005

88. Choi ECC, Zhang X, Owen JS, Brownjohn JMW, Wind tunnel testing of a section model of the Kessock Bridge. Sixth Asia Pacific Conference on Wind engineering, Seoul Korea, 12-14 September, 2005


94. Brownjohn JMW, Middleton CJ, Economical dynamic assessment of a footbridge using AVT and FEM updating. IMACXXIV

95. Brownjohn JMW, Dynamic performance of high frequency floors. IMACXXIV

96. Tan GH, Poh YK, Stringer M, Loh CK, Brownjohn JMW, Improving instrument data quality from excavation sites to the right person at the right time to make the right decision. International Conference and Exhibition on tunneling and Trenchless Technology, 7-9 March 2006, Kuala Lumpur


102. Brownjohn JMW, Owen JS, Suggestions for future research, development and application of bridge ‘health’ monitoring systems IABMAS06, July 16-19, Porto


107. Brownjohn JMW, Bias and variance errors due to windowing, leakage and noise in operational modal analysis using auto and cross-spectral densities, IOMAC, Copenhagen, 30/4-2/5 2007
