

Shiu, W. J., F. Dedecker, X. Rachez and M. Peter-Borie. “Discrete Modeling of Near-Well Thermo-Mechanical Behavior During CO₂ Injection,” in *Continuum and Distinct Element Modeling in Geomechanics — 2011 (Proceedings, 2nd International FLAC/DEM Symposium, Melbourne, February 2011)*, Paper 12-03, pp. 671-678. D. Sainsbury et al., Eds. Minneapolis: Itasca International Inc., 2011.

Shiu, W., F. V. Donzé and L. Daudeville. “Influence of the Reinforcement on Penetration and Perforation of Concrete Targets: A Discrete Element Analysis,” *Eng. Computations*, **26**(1/2), 29-45 (2009).

Shiu, W., F. V. Donzé and L. Daudeville. “Discrete Element Modelling of Missile Impacts on a Reinforced Concrete Target,” *Int. J. Comp. Appl. Tech.*, **34**(1), 33-41 (2009).

Shiu, W. *Impact de missiles rigides sur structures en béton armé : Analyse par la méthode des éléments discrets*. Ph.D. Thesis, Joseph Fourier University, October 2008.

Shiu, W., F. V. Donzé and L. Daudeville. “Compaction Process in Concrete during Missile Impact: A DEM Analysis,” *Comput. Concrete*, **5**(4), 329-342 (2008).

Shiu, W., F. V. Donzé and L. Daudeville. “Penetration Prediction of Missiles with Different Nose Shapes by the Discrete Element Numerical Approach,” *Comput. Struct.*, **86**, 2079-2086 (2008).

Shiu, W., F. V. Donzé and S. A. Magnier. “Numerical Study of Rockfalls on Covered Galleries by the Discrete Elements Method,” *EJGE.*, **11**, Bundle D, Paper 0669 (2006).