

The UC Research Repository holds theses, open access versions of articles, and other research outputs. This report outlines the highlights from the repository this quarter for your college. Please contact [Anton Angelo](#) if you would like more information about the UC Research Repository.

### Deposits to the UC Research Repository

Deposits to the UC Research Repository for Q1 2013 compared to the previous quarter.

Date	Arts	Business and Law	Education	Engineering	Science
Q4 2012	29	15	16	82	81
Q1 2013	13	6	13	113	40

### New and popular

The most popular new items in the UC Research Repository for the College of Engineering added in the last 18 months.

Author	Title	Downloads	Added
<a href="#">Pampanin, Stefano</a>	<a href="#">Experimental Investigations on Seismic Retrofitting of Reinforced Concrete Beam-Column Joints</a>	576	Feb 2012
<a href="#">Cubrinovski, Misko</a> <a href="#">Bradley, Brendon</a>	<a href="#">Geotechnical Aspects of the 22 February 2011 Christchurch earthquake</a>	498	Mar 2012
<a href="#">Bradley, Brendon</a> <a href="#">Cubrinovski, Misko</a>	<a href="#">Liquefaction impacts in residential areas in the 2010-2011 Christchurch earthquakes</a>	470	Jul 2012
<a href="#">Pampanin, Stefano</a> <a href="#">Palermo, Alessandro</a>	<a href="#">Damage Mitigation Strategies of 'Non-Structural' Infill Walls: Concept and Numerical-Experimental Validation Program</a>	452	Dec 2011
<a href="#">Bradley, Brendon</a>	<a href="#">Empirical correlation of PGA, spectral accelerations and spectrum intensities from active shallow crustal earthquakes</a>	444	Mar 2012

## Most downloaded authors

The most popular authors over the last 12 months from your College.

Author	Downloads
Chase, Geoff	18,682
Dhakal, Rajesh	9,762
Bodger, Pat	8,688
Pampanin, Stefano	8,102
Cubrinovski, Misko	7,912
Hann, Christopher Eric	7,654
Billinghurst, Mark	5,582
Spearpoint, Michael	5,008
Bradley, Brendon	4,896
Chen, XiaoQi	4,368

## Most downloaded articles

The most downloaded articles over the last 12 months from all of your College's items.

Title	Downloaded	Added
Cubrinovski, M., Ishihara, K. (2001) <a href="#">Correlation between penetration resistance and relative density of sandy soils</a> . Istanbul, Turkey: 15th International Conference on Soil Mechanics and Geotechnical Engineering, 27-31 Aug 2001. 393-396.	2,200	Feb 2009
Fee, C.J., Van Alstine, J.M. (2005) <a href="#">PEG-proteins: Reaction engineering and separation issues</a> . Chemical Engineering Science, 61(3), pp. 924-939.	1,108	Aug 2007
Zhou, F., Duh, H.B.L., Billinghurst, M. (2008) <a href="#">Trends in Augmented Reality Tracking, Interaction and Display: A Review of Ten Years of ISMAR</a> . Cambridge, UK: 7th IEEE and ACM International Symposium on Mixed and Augmented Reality (ISMAR 2008), 15-18 Sep 2008.	1,082	Apr 2009
Ng, Anthony Kwok-Lung (2007) <a href="#">Risk Assessment of Transformer Fire Protection in a Typical New Zealand High-Rise Building</a> . Thesis for Master of Engineering in Fire Engineering, University of Canterbury. Civil Engineering.	1,078	Sep 2008
Pampanin, S., Calvi, G.M., Moratti, M. (2002) <a href="#">Seismic Behavior of R.C. Beam-Column Joints Designed for Gravity Only</a> . London: 12th European Conference on Earthquake Engineering, Sep 2002. 726.	982	Jul 2007
Wolm, P., Chase, J.G., Chen, X.Q., Pettitgrew, W. (2008) <a href="#">Analysis of a PM DC Motor Model for Application in Feedback Design for Electric Powered Mobility Vehicles</a> . Auckland, New Zealand: 15th International Conference on Mechatronics and Machine Vision in Practice (M2VIP 2008), 2-4 Dec 2008. 686-691.	962	May 2009

Bell, S.C., Bodger, P.S. (2007) <a href="#">Power Transformer Design Using Magnetic Circuit Theory and Finite Element Analysis - A Comparison of Techniques</a> . Perth, Australia: Australasian Universities Power Engineering Conference (AUPEC) 2007, 9-12 Dec 2007. Proceedings of the Australasian Universities Power Engineering Conference (AUPEC) 2007, 6pp.	782	Sep 2008
Harrison, R., Spearpoint, M.J. (2006) <a href="#">Smoke management issues in buildings with large enclosures</a> . Melbourne, Australia: Fire Australia 2006, 1-3 Nov 2006.	742	Jun 2007
Koorey, G.F., Mitchell, T.J., Fisk, C.R., Moynihan, S.F., Mara, M.K. (2000) <a href="#">Traffic Growth Prediction</a> . pp. 71 p.	650	Sep 2008
Phipps, W., Harrison, M.J., Duke, R.M. (2006) <a href="#">Three-Phase Phase-Locked Loop Control of a New Generation Power Converter</a> . Singapore: 1ST IEEE Conference on Industrial Electronics and Applications 2006, 24-26 May 2006. 1-6.	624	Dec 2008

## Notes about the reports

**Downloads** are the number of times the item (a pdf or another document) has been retrieved from the UC Research Repository, not counting search engines or harvesters. Measuring web metrics is an imprecise business, but these numbers are as reliable as we can make them.

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## About the UC Research Repository

To access more information on any aspect of the Repository, contact the Research Data Co-ordinator [anton.angelo@canterbury.ac.nz](mailto:anton.angelo@canterbury.ac.nz). Researchers can also get individual assistance from the Liaison Librarian who specialises in your field of teaching and research.

Comprehensive statistics for the Repository – by author, college or item can be viewed by UC staff via the Research Repository FAQ: <http://ir.canterbury.ac.nz/>

## Your Liaison Librarians are:

Name	Phone	Subjects
Alison Johnston	8721	Civil Engineering
Dave Lane	7150	Electrical Engineering, Mechanical Engineering, Engineering Management

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