

UC Research Repository update, October 2010

This month, the Repository became the largest in New Zealand, surpassing Auckland, with a total of 4524 full-text research papers and theses. The Repository has long been the largest online repository of PBRF-eligible research, but with the addition of many hundreds of newly digitized doctoral theses it has become the largest single source of full text research in the country. Usage statistics for the Repository are similarly encouraging – more than 500,000 downloads have been made of UC research, with a global readership.

The College of Engineering and College of Science remain the largest contributors to the Repository, with a core group of researchers who routinely archive their work in the Repository. While uptake from other Colleges remains slow, the Repository Coordinator and the Library's Information Librarians are happy to assist managers and their research staff to facilitate participation in the Repository.

As always, we invite new and established researchers to deposit their work with us. The UC Research Repository is fully compliant with publisher copyright, and we are happy to provide training and advice to individuals or groups. If you'd like more information on any aspect of the Repository, and how it works, contact the Repository Coordinator (grant.barrie@canterbury.ac.nz) or email me at gail.pattie@canterbury.ac.nz. Researchers can also get individual assistance from their department's Information Librarian.

Updates for individual Colleges are also prepared on a quarterly basis and are disseminated to managers within each College. Comprehensive figures for the Repository – by author, Department or item - can be viewed by all staff at the following location, at any time via the Repository FAQ:

<http://wiki.canterbury.ac.nz/display/LIBRARY/UC+Research+Repository#UCResearchRepository-Statistics>

Regards,

Gail Pattie
University Librarian

Repository Statistics

Research outputs for all Colleges to 31 September 2010

	Authors	~ Q2 2010	Items	~ Q2 2010	Total Downloads	2010 Downloads
Arts	26	26	93	89	9,940	5,275
Business and Economics	48	42	183	161	12,319	8,197
Education	46	41	121	113	13,069	7,999
Engineering	294	272	1659	1469	230,011	114,419
Science	102	97	290	282	35,073	19,185
School of Law	20	18	78	67	4,964	3,631

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_colleges.php

Top ten contributors from across the University

Author	Items	Downloads
Chase, Geoff	236	31,701
Dhakal, Rajesh	127	17,407
Hann, Christopher Eric	118	13,369
Bodger, Pat	70	15,047
Mitrovic, Tanja	68	5,683
Pampanin, Stefano	65	29,033
Billinghurst, Mark	63	5,501
Smith, Peter Jeffry	60	5,366
Semple, Charles Alexander	51	1,442
Bradley, Brendon	51	4,118

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_all_authors.php

Top ten contributors from across the University by **downloads during 2010**

Author	Items	Downloads
Chase, Geoff	236	7,280
Pampanin, Stefano	64	5,428
Bodger, Pat	62	4,036
Hann, Christopher Eric	118	3,486
Dhakal, Rajesh	53	2,812
Cubrinovski, Misko	48	2,477
Duke, Richard Mylrea	31	2,458
Chen, XiaoQi	32	2,323
Spearpoint, Michael	30	2,141
Smith, Peter Jeffrey	60	2,039

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_all_authors.php

Top 10 downloaded papers from across the University for 2010

Title	Downloaded	Date added
Bell, S.C., Bodger, P.S. (2007) Power Transformer Design Using Magnetic Circuit Theory and Finite Element Analysis - A Comparison of Techniques . Perth, Australia: Australasian Universities Power Engineering Conference (AUPEC) 2007, 9-12 Dec 2007. Proceedings of the Australasian Universities Power Engineering Conference (AUPEC) 2007, 6pp. 1133	1,537	Sep 2008
Cubrinovski, M., Ishihara, K. (2001) Correlation between penetration resistance and relative density of sandy soils . Istanbul, Turkey: 15th International Conference on Soil Mechanics and Geotechnical Engineering, 27-31 Aug 2001. 393-396. 2407	1,227	Feb 2009
Li, X., Duke, R. and Round, S. (1999) Development of a three-phase three-level inverter for an electric vehicle . Darwin, Australia: Australasian Universities Power Engineering Conference, 1999. 247--251. 1872	1,149	Sep 2008
Wolm, P., Chase, J.G., Chen, X.Q., Pettitgrew, W. (2008) Analysis of a PM DC Motor Model for Application in Feedback Design for Electric Powered Mobility Vehicles . Auckland, New Zealand: 15th International Conference on Mechatronics and Machine Vision in Practice (M2VIP 2008), 2-4 Dec 2008. 686-691. 2752	767	May 2009
Pampanin, S., Calvi, G.M., Moratti, M. (2002) Seismic Behavior of R.C. Beam-Column Joints Designed for Gravity Only . London: 12th European Conference on Earthquake Engineering, Sep 2002. 726. 473	686	Jul 2007
Nguyen-Xuan, H., Rabczuk, T., Bordas, S., Debongnie, J.F. (2008) A smoothed finite element method for plate analysis . Computer Methods in Applied Mechanics and Engineering, 197(13-16), pp. 1184-1203. 1040	599	Jun 2008
Pampanin, S. (2006) Controversial aspects in seismic assessment and retrofit of structures in modern times: understanding and implementing lessons from ancient heritage . Bulletin of the New Zealand Society for Earthquake Engineering, 39(2), pp. 120-133. 470	580	Jul 2007
Trounce, J.C., Round, S. and Duke, R. (2001) Evaluation of Direct Torque Control Using Space Vector Modulation for Electric Vehicle Applications . Perth, Australia: Australasian Universities Power Engineering Conference, 2001. 292--297. 1882	571	Sep 2008
Bendre, V., Bodger, P.S., Wood, A.R. (2007) Thyristor Controlled Three Winding Transformer as a Static Var Compensator . Auckland, New Zealand: Electricity Engineers' Association (EEA) Annual Conference 2007, 15-16 Jun 2007. 1135	504	Sep 2008
Rogers, G.W., Solberg, K.M., Mander, J.B., Chase, J.G., Dhakal, R.P. (2007) Analytical Modelling of Jointed Precast Concrete Beam-to-Column Connections with Different Damping Systems . Palmerston North, New Zealand: New Zealand Society of Earthquake Engineering 2007 Conference (NZSEE 2007), 30 Mar-1 Apr 2007. Proceedings of the 2007 Annual NZSEE	467	Dec 2008

Technical Conference, Paper 56. 1949

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_top_items.php

Top 10 downloaded theses for 2010

Title	Downloaded	Date added
Lloyd, Caleb Charles (2009) A Low Temperature Differential Stirling Engine for Power Generation. Thesis for Master of Engineering, University of Canterbury. Department of Electrical and Computer Engineering. 3267	1,828	Oct 2009
Pawlowski, Ilona Paulina (2007) Sex in Women's Magazine Advertising An analysis of the degree of sexuality in women's magazine advertising across age demographics and women's responses. Thesis for Master of Arts, University of Canterbury. Political Science and Communication. 1334	1,803	Sep 2008
Perston, Benjamin Blair (2006) Infrared Reflection-Absorption Spectrometry and Chemometrics for Quantitative Analysis of Trace Pharmaceuticals on Surfaces. Thesis for Doctor of Philosophy, University of Canterbury. Chemistry. 1662	1,095	Sep 2008
Oryshchuk, Nataliya (2006) Official Representation of the Works by Alexander Grin in the USSR: Constructing and Consuming Ideological Myths. Thesis for Doctor of Philosophy, University of Canterbury. Languages and Cultures. 1248	1,060	Sep 2008
Ross, Gail Macdonald (2006) New Zealand Prints 1900-1950: An Unseen Heritage. Thesis for Doctor of Philosophy, University of Canterbury. School of Fine Arts. 1259	1,041	Sep 2008
Gu, Jian (2009) Development of computer vision algorithms using J2ME for mobile phone applications. Thesis for Master of Science, University of Canterbury. Computer Science and Software Engineering. 2825	1,003	Aug 2009
Ng, Anthony Kwok-Lung (2007) Risk Assessment of Transformer Fire Protection in a Typical New Zealand High-Rise Building. Thesis for Master of Engineering in Fire Engineering, University of Canterbury. Civil Engineering. 1555	852	Sep 2008
van Berkel, Haley Kathryn (2009) The Relationship Between Personality, Coping Styles and Stress, Anxiety and Depression. Thesis for Master of Science, University of Canterbury. Psychology. 2978	848	Jul 2009
Wanhalla, Angela Cheryl (2004) Transgressing Boundaries: A History of the Mixed Descent Families of Maitapapa, Taieri, 1830-1940. Thesis for Doctor of Philosophy, University of Canterbury. History. 1268	774	Sep 2008
Bennett, Adrian John Te Piki Kotuku (2007) Marae: a whakapapa of the Maori marae. Thesis for Doctor of Philosophy, University of Canterbury. Culture, Literature and Society. 1359	666	Sep 2008

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_top_theses.php