

UC Research Repository update, July 2010

Welcome to the second quarterly Repository update for 2010. The past quarter has been marked by continued strong growth, in both the PBRF-eligible research and postgraduate theses, for the Repository as a whole. This month, the Repository will surpass the 4,000 combined record mark for PBRF-eligible research and postgraduate theses (around 2200 and 1800 records, respectively) and the Library would like to extend its thanks to everyone who has contributed to date.

As always, new and established researchers are invited to deposit open-access copies of their research in the Repository. The UC Research Repository is fully compliant with publisher copyright, and the University Library is happy to provide training and advice to individuals or groups. To access more information on any aspect of the Repository, contact the Repository Coordinator, Grant Barrie (ir@libr.canterbury.ac.nz). Researchers can also get individual assistance from their department's subject specialist Information Librarian.

Comprehensive figures for the Repository – by author, Department or item - can be viewed by UC staff via the Repository FAQ:

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

Repository Statistics

Research outputs for all Colleges to 28 June 2010

	Authors	~ Q1 2010	Items	~ Q1 2010	Downloads Total	Downloads 2010
Arts	26	26	89	83	7,433	1,538
Business and Economics	42	42	161	144	8,141	2,387
Education	41	41	113	93	8,778	2,211
Engineering	272	249	1469	1349	172,677	30,753
Science	97	94	282	255	26,601	6,816
School of Law	18	18	67	66	2,939	864

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	25,597
Hann, Christopher Eric	118	10,682
Mitrovic, Tanja	67	4,370
Pampanin, Stefano	64	24,198
Billinghurst, Mark	63	3,439
Bodger, Pat	62	10,624
Smith, Peter Jeffry	60	3,658
Dhakar, Rajesh	53	13,045
Semple, Charles	51	981
Lotz, Thomas	50	4,357

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 Jeffry	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	828	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	668	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	647	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	473	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	387	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	321	Jun 2008
Bradley, B., Dhakal, R.P., Mander, J.B. (2006) Modeling and analysis of multi-storey buildings designed to principles of ductility and damage avoidance . Bangkok, Thailand: Tenth East Asia and Pacific Conference on Structural Engineering and Construction (EASEC10), 3-5 August. 241	321	May 2007
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	320	Jul 2007
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	279	Sep 2008
Pampanin, S. (2001) Seismic design of precast concrete buildings . ELITE- The International Journal of Precast Art, (3), pp. 50-57. 465	264	Jul 2007

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

Top 10 downloaded theses for 2010

Thesis	Downloads	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	1,229	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	975	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	963	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	680	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	592	Aug 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	475	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	469	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	454	Jul 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	405	Sep 2008
Yee, Tina (2008) The Etridge influence on undue influence: attempts at fusion with duress and unconscionability . Thesis for Master of Laws, University of Canterbury. Law. 1175	389	Sep 2008

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