The Open Access Repository - a Researcher's Tool

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Open Access Repository – a Tool for Student Learning

- Students can access recent papers
- Obtain the most up to date science
- Observe the relevnace of their studies
- Open access enables students to download papers
- Enables students to plan their futures

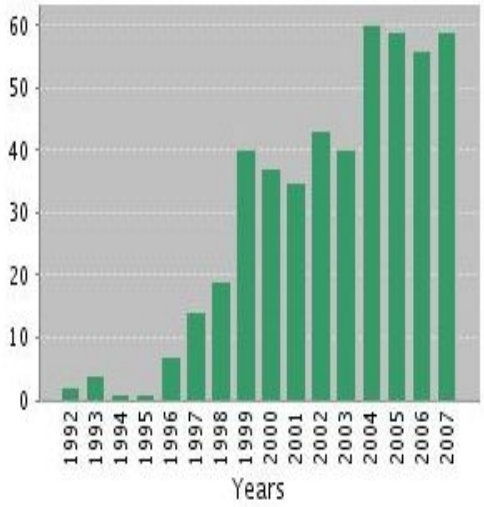
Benefits of open access from a researchers point of view

- Increased citation rate
- Increased awareness of authors
- And their areas of research
- A time saver
- Compulsory to add papers to QUT eprints
- Otherwise the paper does not go into the DEST collection [this means funding]

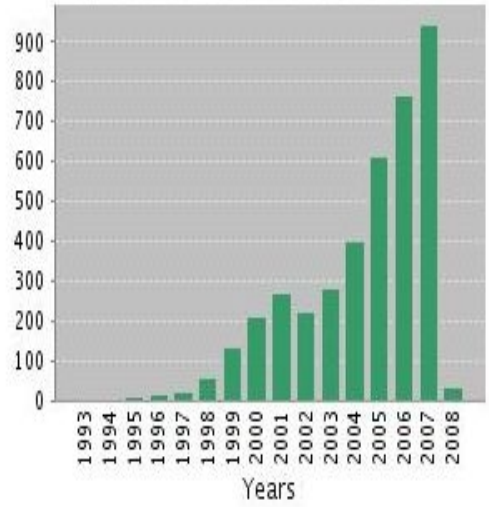
Citations by Frost and students

AU=(FROST RL)
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1992-2008

Published Items in Each Year



Citations in Each Year



Results found:	477
Sum of the Times Cited (i):	3,969
Average Citations per Item (i):	8.32
h-index (i):	29

Benefits of open access from a researchers point of view

- Research tool
- Enables postgraduates to access published papers
- Enables colleagues and collaborators to obtain copies of manuscripts
- Saves time –don’t have to send hard copies of manuscripts etc

Is QUT eprints becoming a management tool?

- Mandates??
- Now it is required to have a eprint number before the paper can be accepted by the DEST collection
- ARC now requires publications resulting from ARC funding be placed in open access

Yes!!!

- Now there is an increased number of boxes to be ticked or filled in
- It takes 2-3 minutes to upload the information and files
- If researchers are required to upload their papers, you don’t want to make the process too long!!

Papers published

- **Person: Frost, Ray**
- **Number of items: 282**.

- Frost, Ray L. and Zhou, Qin and Xi, Yunfei and He, Hongping (2008) Application of near infrared spectroscopy for the determination of adsorbed p-nitrophenol on HDTMA organoclay –implications for the removal of organic pollutants from water. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 69(1):pp. 239-244.
- Frost, Ray L. and Reddy, Lakshmi and Fayazuddiin, Mohammed and Reddy, Gangi and Endo, Tamio (2008) Electron paramagnetic resonance and optical absorption spectral studies on tennantite and tetrahedrite minerals. *Radiation Effects and Defects in Solids* 163(1):pp. 19-27.
- Frost, Ray L. and Vagvoelgyi, Veronika and Palmer, Sara J. and Kristof, Janos and Horvath, Erzsebet (2008) Mechanism for hydrotalcite decomposition- a controlled rate thermal analysis study. *Journal of Colloid and Interface Science* 318(2):pp. 302-308.
- Frost, Ray L. and Cejka, Jiri and Ayoko, Godwin A. and Weier, Matt L. (2007) Raman spectroscopic and SEM analysis of sodium zippeite . *Journal of Raman Spectroscopy* 38(10):pp. 1311-1319.
- Frost, Ray L. and Hales, Matthew C. (2007) Synthesis and vibrational spectroscopic characterisation of synthetic hydrozincite and smithsonite. *Polyhedron* 26(17):pp. 4955-4962.
- Frost, Ray L. and Martens, Wayde N. and Locke, Ashley J. (2007) Natural Halotrichites – an EDX and Raman spectroscopic study. *Journal of Raman Spectroscopy* 38(11):pp. 1429-1435.
- Frost, Ray L. and Dickfos, Marilla J. (2007) Raman spectroscopy of halogen-containing carbonates. *Journal of Raman Spectroscopy* 38(11):pp. 1516-1522.
- Frost, Ray L. and Cejka, Jiri (2007) A Raman spectroscopic study of the uranyl carbonate rutherfordine. *Journal of Raman Spectroscopy* 38(11):pp. 1488-1493.
- Frost, Ray and Reddy, Lakshmi and Fayazuddin, Mohammed and Endo, Tamio (2007) Electron paramagnetic resonance and optical absorption spectral studies on chalcocite. *Spectrochimica Acta A* 68:pp. 420-423.
- Frost, Ray and Reddy, Gangi and Reddy, Silva and Fayazuddin, Mohammed and Reddy, Lakshmi and Rao, P. Sambasiva (2007) Optical absorption and EPR studies on beaverite mineral. *Spectrochimica Acta A* 68:pp. 807-810.
- Frost, Ray L. and George, Graeme A. and Trigueiro, Joao and Silva, Glaura and Lavall, Rodrigo and Furtado, Clascidia and Oliveira, Sergio and Ferlauto, Andre and Lacerda, Rodrigo and Ladeira, Luiz and Liu, Jiang-Wen (2007) Purity evaluation of carbon nanotube materials by thermogravimetric, TEM, and SEM methods. *Journal of Nanoscience and Nanotechnology* 7(10):pp. 3477-3486.
- Frost, Ray L. and Zhao, Yanyan and Martens, Wayde N. (2007) Synthesis and characterization of Gallium oxide nanostructures via a soft-chemistry route. *Journal of Physical Chemistry C* 111(44):pp. 16290-16299.
- Frost, Ray L. and Zhao, Yanyan and Martens, Wayde N. and Zhu, Huai Yong (2007) XRD, TEM and thermal analysis of Fe doped boehmite nanofibres and nanosheets. *Journal of Thermal Analysis and Calorimetry* 90(3):755 -760.

Management tool

- Once QUT eprints becomes a management tool,
- It will be finished as a researchers tool
- Also it must be recognised that Open access is a TEACHING tool.

Improvements

- Add a HELP file to assist authors
- Some of the instructions are not clear

Proposed Developments

- combining repository deposit with research reporting
- or offering to curation collections of other digital research materials
- (digital images for teaching, datasets etc)

In Conclusion

- Open access at QUT serves a most useful purpose at present
- Upon becoming a management tool, the QUT open access will loose its sense of purpose/direction