

## Appendix 3: List of Publications and Presentations

### 3.1 Journal Paper

- Ibrahim, Ruzanna and Lwin, Ye (2010) *Adsorbents derived from Mg-Al hydrotalcite-like compounds for high-temperature hydrogen storage*. Journal of Applied Sciences, 10 (12). pp. 1128-1133. ISSN 1812-5654

### 3.2 Conference Papers

- R. Ibrahim and Y. Lwin. “*The Preparation of Adsorbents Derived from Mg-Al HTlcs and Mg-Al HTlcs/ Activated Carbon Composite for Use in High Temperature H<sub>2</sub> Storage*,” presented at the International Conference for Technical Postgraduates (TECHPOS 2009), Kuala Lumpur, December 14-15, 2009, Paper 0146.
- R. Ibrahim and Y. Lwin. “*Adsorbents Derived from Mg-Al Hydrotalcite-like Compounds for High-Temperature Hydrogen Storage*,” presented at the International Conference on Process Engineering and Advanced Materials (ICPEAM 2010), Kuala Lumpur, June 15-17, 2010, Paper 1569285853.
- R. Ibrahim and Y. Lwin. “*A Study of Hydrogen Storage on Hydrotalcite-derived (Ni-) Mg-Al-O Mixed Oxides*,” International Conference on Materials for Advanced Technologies (ICMAT 2011). Singapore, Jun 26 - July 1, 2011. Paper N12-5.

### 3.3 Symposium Papers

- R. Ibrahim and Y. Lwin. *High-Temperature Hydrogen Storage using Adsorbents Derived from Mg-Al HTlcs, and Mg-Al HTlcs/Activated Carbon Composites*, presented at the Biannual Postgraduate Symposium Universiti Teknologi PETRONAS, June 2009.
- R. Ibrahim and Y. Lwin. *Preparation of Adsorbents Derived from Mg-Al HTlcs and Mg-Al HTlcs/Activated Carbon Composite for High-Temperature H<sub>2</sub> Storage*, presented at the Biannual Postgraduate Symposium Universiti Teknologi PETRONAS, January 2010.
- R. Ibrahim and Y. Lwin. *(Li)Mg-Al Hydrotalcite-derived Mixed Oxides for Hydrogen Storage*, presented at the Biannual Postgraduate Symposium Universiti Teknologi PETRONAS, July 2010.
- R. Ibrahim and Y. Lwin. *Hydrotalcite-derived Mixed Oxides for Hydrogen Storage*, presented at the Biannual Postgraduate Symposium Universiti Teknologi PETRONAS, January 2011.