

## PUBLICATION

### Journal

1. Chia-Chay Tay, Mohd-Nasir Taib, Hong-Hooi Liew, Ghufran Redzwan, Suhaimi Abdul-Talib. 2012. Multiple Output ANN Modelling of Ni(II) Biosorption by *Pleurotus ostreatus* Spent Mushroom Compost. **Environmental Engineering and Management Journal** (submitted July 2012) (ISI-Indexed Publication, IF=1.435 2011)
2. Chia-Chay Tay, Ghufran Redzwan, Hong-Hooi Liew, Soon-Kong Yong, Salmijah Surif, Suhaimi Abdul-Talib. 2012. Fundamental Behavior for Biosorption of Divalence Cations by *Pleurotus* Mushroom Spent-Substrate. **Malaysian Journal of Science** **31(1)**, 40-44. (Scopus-Indexed Publication).
3. Chia-Chay Tay, Hong-Hooi Liew, Soon-Kong Yong, Salmijah Surif, Ghufran Redzwan, Suhaimi Abdul-Talib. 2012. Cu(II) Removal onto Fungal Derived Biosorbents: Biosorption performance and the half saturation constant concentration approach. **International Journal of Research Chemistry and Environment** 2(3), 138-143. (IC Indexed Publication).
4. Chia-Chay Tay, Hong-Hooi Liew, Ghufran Redzwan, Soon-Kong Yong, Salmijah Surif, Suhaimi Abdul-Talib. 2011. *Pleurotus ostreatus* spent mushroom compost as green biosorbent for nickel (II) biosorption. **Water Science and Technology** 64, 2425-2432. (ISI-Indexed Publication, IF=1.222 2011)

## Conference Paper

1. Chia-Chay Tay, Hong-Hooi, Liew, Soon Kong, Yong, Salmijah, Surif, Suhaimi Abdul-Talib. 2011. Cu(II) Removal onto Fungal Derived Biosorbents: Studies on biosorption performance and design process to minimize biosorbent usage. **Proceeding of 3<sup>rd</sup> CUTSE International Conference (CUTSE 2011) Innovative Green technology for Sustainable Development** (8-9 Nov 2011, Miri).
2. Chia-Chay Tay, Ghufran Redzwan, Hong-Hooi Liew, Soon-Kong Yong, Salmijah Surif and Suhaimi Abdul-Talib. 2010. Copper (II) biosorption characterization of *Pleurotus ostreatus* spent mushroom compost. **The 2010 International Conference on Science and Social Research (CSSR 2010)**, 6-10. (5-7 Dec 2010, Kuala Lumpur). (IEEE/ Scopus Indexed Publication).
3. Chia-Chay Tay, Hong-Hooi Liew, Ghufran Redzwan, Soon-Kong Yong, Salmijah Surif and Suhaimi Abdul-Talib. 2010. *Pleurotus ostreatus* spent mushroom compost as green biosorbent for nickel (II) biosorption. **Proceeding of The 3rd IWA Asia Pacific Regional Young Water Professionals Conference 2010**, T4A YWP105-FPV 1-8. (21-24 Nov 2010, Singapore) (ISI/ Scopus Indexed Publication). Selected for journal publication, Water Science and Technology.