

RESEARCH PUBLICATIONS

Papers published in Journal

- Wantala, K., **Pojananukij, N.**, Sriprom, P., Neramittagapong, A., Neramittagapong, S. and Kumsaen, T. Metal Adsorbent Prepared from Coir Pith as Agricultural Waste: Adsorption of Zn(II) and Pb(II) from Aqueous solution, Key Engineering Materials, 545(2013), 109-114.
- Wantala, K., **Pojananukij, N.**, Sriprom, P., Neramittagapong, A., Neramittagapong, S., Kasemsiri, P. Optimal Decolorization Efficiency of reactive Red 3 by Fe-RH-MCM-41 Catalytic Wet oxidation Coupled with Box-Behnken Design, Key Engineering Materials, Vol.545(2013), pp101-108.
- Pojananukij, N.**, Runruksa, N., Neramittagapong, S., Neramittagapong, A. Synthesis of Alkali Metal/CaO Sorbent for CO₂ Capture at Low Temperature. International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies. 5(1); 1906-9642.
- Pojananukij, N., Wantala, K., Sriprom, P., Neramittagapong, A., Neramittagapong, S. Parameter Screening for the Important Factors Influencing the As(V) Adsorption Using a Plackett-Burman Design. , Advanced Materials Research, 931-932, 178.

List of International Conference

- Pojananukij, N.**, Wantala, K., Neramittagapong, S., Neramittagapong, A. Optimization of As(V) Removal by Nano Zero Valent Ion Coated on Diatomite Using Response Surface Methodology. The 4th TIChE International Conference “Changes: Cleaner Energy, Leaner Processes, Better Living”. Chiang Mai, Thailand. December 18 - 19, 2014.

Pojananukij, N., Wantala, K., Neramittagapong, S., Neramittagapong, A.

Equilibrium, Kinetics, and Mechanism of Lead Adsorption Using Zero-Valent Iron Coated on Diatomite. ISCRE 23 & APCRE 7 “Tailoring sustainability through chemical reaction engineering”. Bangkok, Thailand. September 7-10, 2014.

Pojananukij, N., Wantala, K. and Neramittagapong. A. Kinetic and equilibrium isotherms of Pb(II) sorption onto zerovalent iron coated on diatomite. The 2nd Environment Asia international conference. Chonburi, Thailand May, 15-17, 2013

Pojananukij, N., Wantala, K., Neramittagapong, S., Neramittagapong, A. Parameter Screening for the Important Factors Influencing the As(V) Adsorption Using a Plackett-Burman Design. The KKU International Conference 2014 (KKU-IENC 2014). Khonkean, Thailand. March, 27-29, 2014.

Pojananukij, N., Runruksa, N., Neramittagapong, S., Neramittagapong, A. Synthesis of Alkali Metal /CaO Sorbent for CO₂ Capture at Low Temperature. TIChE International Conference 2013. Khon kean, Thailand. October, 17-18, 2013.

Pojananukij, N., Salisaeng, P., Wantala, K., Neramittagapong, S., Neramittagapong, A. Removal of atrazine from aqueous solution by Fenton reaction. EEAT Conference March, 27-29, 2013, Khon Kaen, Thailand.

Wantala, K., **Pojananukij, N.,** Sriprom, P., Neramittagapong, A., Neramittagapong, S., Kumsae, T. Metal Adsorbent Prepared from Coir Pith as Agricultural Waste: Adsorption of Zn(II) and Pb(II) from Aqueous solution, 7th International conference on Material Science and Technology (MSAT7), June, 7-8, 2012, swissotel Le Concorde Bangkok, Thailand.

Wantala, K., Sriprom, P., **Pojananukij, N.,** Neramittagapong, A., Neramittagapong, S., Kasemsiri, P. Optimal Decolorization Efficiency of reactive Red 3 by Fe-RH-MCM-41 Catalytic Wet oxidation Coupled with Box-Behnken Design, 7th International conference on Material Science and Technology (MSAT7), June, 7-8, 2012, swissotel Le Concorde Bangkok, Thailand