



NURUL'AIN JABIT

ABOUT ME

Current position : Lecturer

Date Joined : 5th April 2017

Contact details : School of Materials and Mineral Engineering, Engineering Campus, Universiti Sains Malaysia, Nibong Tebal, Pulau Pinang

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EDUCATION

Doctor of Philosophy (Extractive Metallurgy)

Murdoch University, Western Australia

Chemical and electrochemical leaching study of synthetic and natural ilmenite in hydrochloric acid solutions

Master of Science (Advanced Materials)

Universiti Sains Malaysia

The production and characterization using local agricultural waste through chemical activation process

Bachelor of Engineering (Mineral Resources Engineering)

Universiti Sains Malaysia

Expertise Fields

Hydrometallurgy: Leaching, Separation, Metal extraction (Gold, Tin, Titanium and etc)

Minerals : Characterization of minerals (XRD, SEM, Particle Size Analysis, Chemical Analysis (XRF))

Acid Mine Drainage, Mining Rehabilitation

PROFESSIONAL BODY

Graduate Engineer of Board of Engineer (BEM)

Graduate Member of Institute Mineral Engineering (IME)

PUBLICATIONS

1. Jabit, N.A, Senanayake, G., Nicol, M. (2012). An electrochemical and leaching study of ilmenite in hydrochloric acid solution. 10th Spring Meeting of the International Society of Electrochemistry, 15-18 April 2012, Perth, Australia.
2. Jabit, N.A, Senanayake, G., Nicol, M. (2012) . Electrochemical study of ilmenite using carbon paste electrode under reducing condition. Pacific RIM Meeting on Electrochemical and Solid-State Science, 7-12 October 2012, Honolulu, Hawaii.
3. Jabit, N.A, Senanayake, G. (2014). Reductive leaching of Ilmenite in hydrochloric Acid: A-preliminary study using a rotating synthetic ilmenite dissolution. Proceeding of 7th Symposium of Hydrometallurgy 2014, 22 to 24 June 2014, Volume II, pp. 837-848, Victoria, BC, Canada.