

RESEARCHER'S BACKGROUND

Name	Dr. Lau Woei Jye
Academic Position	Senior Lecturer
Faculty	Faculty of Chemical & Energy Engineering
Research Interests	<ol style="list-style-type: none"> 1. Nanofiltration 2. Ultrafiltration 3. Thin film composite membrane 4. Industrial effluent, water and wastewater treatment
Research Entity	Advanced Membrane Technology Research Centre (AMTEC)
UTM Administrative Post(if any)	<ul style="list-style-type: none"> - 1 Nov 2010 – 30 Jun 2012: Committee Member for Taskforce Mathematic Program for FCEE - 1 Nov 2010 – 31 Oct 2012: FCEE Head of Laboratory (Maintenance/Refurbishment/Workshop)
Professional Post(if any)	<ul style="list-style-type: none"> - Board of Engineers Malaysia (BEM) (Registration no. 65267A) since 2010 - Associate member of Institute of Chemical Engineering (AMIChemE)- (Membership no. 99949793) since 2011 - Member of International Water Association (IWA) (Membership no. 01039691) since 2012

RESEARCH PROFILE

Publication	<ul style="list-style-type: none"> • Book and Chapter-6 • Journal Article-86 • Review-4 • Conference Paper-6 • Invited/Guest Speaker-2 • Plenary Lecture/Keynote Address-1
Citation	1368
H-index	21
Intellectual property rights	<ol style="list-style-type: none"> 1. Title: A Membrane Pre-treatment System and A Process for Producing Refined Oils & Fats Application No.: PI 2013701894 Filing Date: 8 October 2013 (Malaysia) Publication No.: WO/2014/058294 Publication Date: 17 April 2014 (WIPO) Inventors: Noor Hidayu Othman (Sime Darby), Ahmadilfitri Md Noor (Sime Darby), Razam Abd Latip (Sime Darby), Mohd Suria Affandi Yusoff (Sime Darby), Sofiyaton Ibrahim (Sime Darby), Ahmad Fauzi Ismail (UTM), Lau Woei Jye (UTM), Goh Pei Sean (UTM), Ng Be Cheer (UTM), Mohamad Abdul Razis Saidin (UTM), Mohd Sohaimi Abdullah (UTM) 2. Title: A Process for Degumming of Crude Palm Oil Application No.: PI 2012700749 Filing Date: 9 October 2012 Inventors: Noor Hidayu Othman (Sime Darby), Razam Abd Latip (Sime Darby), Mohd Suria Affandi Yusoff (Sime Darby), Ahmad Fauzi Ismail (UTM), Lau Woei Jye (UTM), Ng Be Cheer (UTM), Mohd Sohaimi Abdullah (UTM), Mohamad Abdul Razis Saidin (UTM), Dayang Salyani (UTM)

RESEARCH SUPERVISION

Completed	PhD:8 MSc:2
Current	PhD:5 MSc:4

AWARDS & RECOGNITIONS

<ul style="list-style-type: none">- 21 May 2016: UTM CITRA KARISMA: Anugerah Penerbitan (Publication Award): Anugerah Penulis Dalam Jurnal Berindeks (Kategori Pusat Kecemerlangan, CoE)- 24 Mar 2016: Recipient of The 2016 UI-RESOLV (Researcher and Scholar Visits Program) by Universitas Indonesia, Indonesia- 16 Dec 2014: Recipient of The 2015 Endeavour Research Fellowships (Department of Education, Australia Government)- 14 Aug 2014: Certificate of Appreciation: Highest Cumulative Impact Factor of Articles Published in 2013 (Materials and Manufacturing Research Alliance)- 2–4 Oct 2013:15th Industrial Art and Technology Exhibition (INATEX 2013) Gold Medal and Best Invention Award (Category F)AD-MAR: An Efficient Membrane For Arsenic Removal A.F. Ismail,R. Jamshidi Gohari, W.J.Lau, T. Matsuura, M.S. Abdullah, B.C. Ng- 24 – 27 Oct 2012: 12th British Invention Show (BIS), London Gold Medals MReactor UF Membrane Ahmad Fauzi Ismail, Erna Yuliwati, Mohd Azraai Kassim, Ng Be Cheer, Mohd Sohaimi Abdullah, Lau Woei Jye, Goh Pei Sean.- May 2012: 23rd International Invention, Innovation & Technology Exhibition (ITEX 2012) Gold Medals MReactor: Produced Water Treatment for Oil and Gas- Nov2011: 13th Industrial Art and Technology Exhibition (INATEX 2011) Silver Medals MReactor: Produced Water Treatment for Oil and Gas- Jun 2007 : Postgraduate Fellowship Scholar, Ministry of Science, Technology and Innovation (MOSTI) Malaysia.- Sep 2006:Universiti Teknologi Malaysia's Dean Award- Aug 2002: Golden Key International Honour Society's Award

CONTACT

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