

## LIST OF PUBLICATIONS 2015

### Journals

No.	Author(s)	Title	Journal	Impact Factor
1	<b>Ragunathan Santiago</b> , Sam Sung Ting, Azlinda Abdul Ghani, Hanafi Ismail, Awiezan Mislan	Effects of Epoxidized Nature Rubber on High Density Polyethylene/ Recycled Acrylonitrile Butadiene Rubber/ Banana Skin Powder Composites	Applied Mechanics and Materials 01/2015; 754-755(2015):201-204.	0.15
2	<b>Che Zulzikrami Azner Abidin</b> , Fahmi Ridwan, Ong Soon An, Siti Nurfatim Nadhirah Mohd Makhtar, Nazzery Rosmady Rahmat	Decolourization of an azo dye in aqueous solution by ozonation in a semi-batch bubble column reactor	ScienceAsia 02/2015; 41(1):49-54	0.35
3	<b>Muhammad Ridwan Fahmi</b> , Nasruddin M. N, Che Zulzikrami Azner Abidin, M. A. Umi Fazara	Adsorption of Reactive Red 120 by using Regenerated Spent Carbon	Applied Mechanics and Materials 01/2015; 754-755:671-675.	0.15
4	Wan Fadhillah Khalik, Li-Ngee Ho, <b>Soon-An Ong</b> , Yee-Shian Wong, Nik Athirah Yusoff, Fahmi Ridwan	Decolorization and mineralization of Batik wastewater through solar photocatalytic process	Sains Malaysiana 04/2015; 44(4):607-612	0.48
5	Nasruddin M.N, Mula Sigiro, <b>Muhammad Ridwan Fahmi</b>	Raman Scattering Characterization of MoxW1-xS2 Layered Mixed Crystals	Applied Mechanics and Materials 04/2015; 754-755:595-601	0.15
6	Salmiati, <b>Farrah Aini Dahalan</b> , Mohamed Zuhaili Mohamed Najib, Mohd Razman Salim, Zaini Ujang	Characteristics of developed granules containing phototrophic aerobic bacteria for minimizing carbon dioxide emission	International Biodeterioration & Biodegradation 05/2015; 102:15 -23.	2.24
7	<b>Farrah Aini Dahalan</b> , Norhayati Abdullah, Ali Yuzir, Gustaf Olsson, Salmiati, Myzairah Hamdzah, Mohd Fadhil, Mohd Din, Siti Aqlima Ahmad, Khalilah Abdul Khalil, Aznah Nor Anuar, Zainura Zainon Noor, Zaini Ujang	A proposed aerobic granules size development scheme for aerobic granulation process	Bioresource Technology 01/2015; 181. DOI:10.1016/j.biortech.2015.01.062	4.49
8	<b>Mustaqqim Abdul Rahim</b> , Zuhayr Md Ghazaly, Muhammad Azizi Azizan, Fazdliel Aswad Ibrahim, Norlia Mohamad Ibrahim, Nur Izzati Mahmud	The Effect of Steel Fiber as Additional Reinforcement in the Reinforced Concrete Beam	Applied Mechanics and Materials 04/2015; 754-755:373-377.	0.15
9	<b>Zuhayr Md Ghazaly</b> , Mustaqqim Abdul Rahim, Nur Fitriah Isa, Liyana Ahmad Sofri, Muhammad Azizi Azizan, Fazdliel Aswad Ibrahim	Influence of Soft Clay on Slope Stability	Applied Mechanics and Materials 04/2015; 754-755:463-467.	0.15
10	<b>Nabilah Aminah Lutpi</b> , Ab Jamaliah, Md Jahim, Tabassum Mumtaz, Mohamed Abdul, Mohd Tusirin, Mohd Nor	Physicochemical characteristics of attached biofilm on granular activated carbon for thermophilic biohydrogen production	RSC Advances 01/2015; DOI:10.1039/c4ra12730g	3.71
11	Zarina Yahya, Mohd Abdullah,	Effect of Solids-To-Liquids,	Materials 05/2015; 8(5):2227-2242	1.88

	Kamarudin Hussin, <b>Khairul Nizar Ismail</b> , Rafiza Razak, Andrei Sandu	Na <sub>2</sub> SiO <sub>3</sub> -To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si + Ca) Geopolymerisation System		
11	Rafiza Abdul Razak, Mohd Mustafa Al Bakri Abdullah, Kamarudin Hussin, <b>Khairul Nizar Ismail</b> , Djwantoro Hardjito, Zarina Yahya	Optimization of NaOH Molarity, LUSI Mud/Alkaline Activator, and Na <sub>2</sub> SiO <sub>3</sub> /NaOH Ratio to Produce Lightweight Aggregate-Based Geopolymer	International Journal of Molecular Sciences 05/2015; 16(5):11629-47	2.34
12	Zarina Yahya, Kamarudin Hussin, Mohd Mustafa Al Bakri Abdullah, <b>Khairul Nizar Ismail</b> , Rafiza Abd Razak, Andrei Victor Sandu	The Influence of NaOH Concentration on Molar Ratios of Palm Oil Boiler Ash Based Geopolymer	Applied Mechanics and Materials 04/2015; 754-755:245-250	0.15
13	Rohazriny Rohim, <b>Razi Ahmad</b> , Naimah Ibrahim, Nasrul Hamidin, Che Zulzikrami Azner Abidin	Potential of Eggshell Waste for Pyrolysis Process	Advanced Materials Research 02/2015; 1087:77-80	Scopus
14	<b>Norazian Mohamed Noor</b>	Filling the Missing Data of Air Pollutant Concentration using Single Imputation Methods	Applied Mechanics and Materials 01/2015; 754-755:923-932	0.15
15	Wei-Eng Thung, <b>Soon-An Ong</b> , Li-Ngee Ho, Yee-Shian Wong, Yoong-Ling Oon, Yoong-Sin Oon, Harvinder Kaur Lehl	Simultaneous Wastewater Treatment and Power Generation with Innovative Design of an Upflow Membrane-Less Microbial Fuel Cell	Water Air and Soil Pollution 05/2015; 226(5).	1.69
16	Yen-Yie Lau, <b>Yee-Shian Wong</b> , Tjoon-Tow Teng, Norhashimah Morad, Mohd Rafatullah, Soon-An Ong	Degradation of cationic and anionic dyes in coagulation-flocculation process using bi-functionalized silica hybrid with aluminum-ferric as auxiliary agent	RSC Advances 04/2015; 5(43). DOI:10.1039/C5RA01346A	3.71
17	Yoong-Ling Oon, <b>Soon-An Ong</b> , Li-Ngee Ho, Yee-Shian Wong, Yoong-Sin Oon, Harvinder Kaur Lehl, Wei-Eng Thung	Hybrid System Up-flow Constructed Wetland Integrated with Microbial Fuel Cell for Simultaneous Wastewater Treatment and Electricity Generation	Bioresource Technology 03/2015; 186. DOI:10.1016/j.biortech.2015.03.014	5.04
18	<b>Ragunathan Santiago</b> , Sam Sung Ting, Hanafi Ismail, Mastura Jaafar	Tensile Properties of Linear Low Density Polyethylene (LLDPE)/ Recycled Acrylonitrile Butadiene Rubber (NBRr)/ Rice Husk Powder (RHP) Composites	Applied Mechanics and Materials 01/2015; 754-755(2015):210-214.	0.15
19	<b>Ragunathan Santiago</b> , Kamarudin Hussin, Sam Sung Ting, Azlinda Abdul Ghani, Hanafi Ismail, Amirul Faiz Hashim	Properties of High Density Polyethylene (HDPE)/ Recycled Acrylonitrile Butadiene Rubber (NBRr)/ Banana Skin Powder (BSP) Composites: Oven Ageing	Applied Mechanics and Materials 01/2015; 754-755(2015):197-200.	0.15
20	Sam Sung Ting, Norsri Kurniati Achmad, Hanafi Ismail, <b>Ragunathan Santiago</b> , Nik Noriman Zulkepli	Thermal degradation of high-density polyethylene/soya spent powder blends	Journal of Polymer Eng. 01/2015; 35(5). DOI:10.1515/polyeng-2014-0095	???
21	<b>Muhammad Arkam C. Munaaim</b> , Karam M. Al-Obaidia, Mohd Rodzi Ismaila &	A review study on the application of the fibre optic daylighting system in	<a href="http://dx.doi.org/10.1080/2093761X.2014.901931">http://dx.doi.org/10.1080/2093761X.2014.901931</a> , Taylor & Francis: International Journal	Scopus

	Abdul Malek Abdul Rahman	Malaysian buildings	of Sustainable Building Technology and Urban Development	
22	<b>M. Arkam C. Munaaim</b> , Karam M. Al-Obaidi, Mohd Rodzi Ismail and Abdul Malek Abdul Rahman	Potential of fibre optic daylighting systems in tropical Malaysia	<a href="http://ibe.sagepub.com/content/early/2014/09/23/1420326X14552205">http://ibe.sagepub.com/content/early/2014/09/23/1420326X14552205</a> SAGE: Indoor and Built Environment, <a href="http://ibe.sagepub.com/">http://ibe.sagepub.com/</a>	1.716
23	<b>Muhammad Arkam C. Munaaim</b> ,Karam M. Al-Obaidi , Mohd Rodzi Ismail and Abdul Malek Abdul Rahman	Empirical Evaluation of the Effect of Heat Gain from Fiber Optic Daylighting System on Tropical Building Interiors.	Sustainability 2014, 6, 9231-9243; doi:10.3390/su612923 Sustainability ISSN 2071-1050 <a href="http://www.mdpi.com/2071-1050/6/12/9231">http://www.mdpi.com/2071-1050/6/12/9231</a>	1.077
24	M. Pauzi M. Kassim, Karam M. Al-Obaidi, <b>M. Arkam C. Munaaim</b> and Abd. Mokhti Salleh	Feasibility Study on Solar Power Plant Utility Grid under Malaysia Feed-in Tariff	<i>American Journal of Engineering and Applied Sciences</i> Volume 8, Issue 2 Pages 210-222 <b>DOI</b> :10.3844/ajeassp.2015.210.222 <a href="http://thescipub.com/abstract/10.3844/ajeassp.2015.210.222">http://thescipub.com/abstract/10.3844/ajeassp.2015.210.222</a>	
25	<b>Razi Ahmad</b> , Rohazriny Rohim, Naimah Ibrahim.	Properties of Waste Eggshell as Calcium Oxide Catalyst.	Applied Mechanics and Materials, Vol 754-755 (2015), pp 171-175.	0.15
26	<b>Mustaqqim Abdul Rahim</b> , Norlia Mohamad Ibrahim, Zulliza Idris, Zuhayr Md Ghazaly, Shahiron Shahidan, Nur Liza Rahim, Liyana Ahmad Sofri, Nur Fitriah Isa	Properties Of Concrete With Different Percentange Of The Rice Husk Ash (RHA) As Partial Cement Replacement	Materials Science Forum Vol. 803 (2015) pp 288-293	0.15
27	<b>Tengku Nuraiti Tengku Izhar</b> , Laila Mardiah Deraman, Wani Nadirah Ibrahim, Nabilah Aminah Lutpi	Investigation of Noise Reduction Coefficient of Organic Material as Indoor Noise Reduction Panel	<i>Materials Science Forum Vol. 803 (2015) pp 317-324</i>	Scopus
28	<u>Nikathirah Yusoff · Li-Ngee Ho · <b>Soon-An Ong</b> · Yee-Shian Wong · Wanfadhilah Khalik</u>	Photocatalytic activity of zinc oxide (ZnO) synthesized through different methods Photocatalytic activity of zinc oxide (ZnO) synthesized through different methods	<u>Desalination and Water Treatment</u> , Article in press	1.17
29	Wei-Eng Thung · <b>Soon-An Ong</b> · Li-Ngee Ho · Yee-Shian Wong · Fahmi Ridwan · Yoong-Ling Oon · Yoong-Sin Oon · Harvinder Kaur Lehl	A Highly Efficient Single Chambered Up-flow Membrane-less Microbial Fuel Cell for Treatment of Azo Dye Acid Orange 7-Containing Wastewater	Bioresource Technology 08/2015; 197, 284-288	4.49
30	Siee-Kung Khiew · Tjoon-Tow Teng · <b>Yee-Shian Wong</b> · Soon-An Ong · Norli Ismail · A.F.M. Alkarkhi ·	Effects of cationization hybridized biopolymer from Bacillus subtilis on flocculating properties	Desalination and Water Treatment, Article in press	1.17
31	<b>Ragunathan Santiago</b> · Kamarudin Hussin · Sam Sung Ting · Azlinda Abdul Ghani · Hanafi Ismail · Amirul Faiz Hashim ·	Properties of High Density Polyethylene (HDPE)/ Recycled Acrylonitrile Butadiene Rubber (NBRr)/ Banana Skin Powder (BSP) Composites: Oven Ageing	Applied Mechanics and Materials 01/2015; 754-755(2015):197-200	0.15
32	<b>Ragunathan Santiago</b> , Mustaffa Zainal · Kamarudin Hussi · Sam Sung · Ismail Hanafi ·	The effect of Polypropylene Maleic Anhydride on Polypropylene/Recycled Acrylonitrile Butadiene	Journal of Vinyl and Additive Technology 07/2015	0.86

		Rubber/Sugarcane Bagasse Composite		
33	Nurliayana Ariffin, <b>Ragunathan Santiago</b> , Sam Sung Ting, Hanafi Ismail	Effects of Oven Ageing on Linear Low Density Polyethylene (LLDPE)/ Recycled Acrylonitrile Butadiene Rubber (NBRr)/ Rice Husk Powder (RHP) Composites	Applied Mechanics and Materials 04/2015; 754-755(2015):205-209	0.15
34	Myzairah Hamdzah · Zaini Ujang · Mohamed Mahmoud Nasef · Norhayati Abdullah · <b>Farrah Aini Dahalan</b>	Removal of Ni(II), Zn(II) and Pb(II) from aqueous solutions using cation-exchange resin in fixed-bed column	Desalination and water treatment 10/2015	1.17
35	Nursabrina Mohd Hayat , Nor Aripin Shamaan , Mohd Yunus Shukor , Mohd Khalizan Sabullah , Mohd Arif Syed , Arif Khalid , <b>Farrah Aini Dahalan</b> , Khaliliah Abdul Khalil and Siti Aqlima Ahmad	Cholinesterase-based biosensor using Lates calcarifer (Asian Seabass) brain for detection of heavy metals	Journal of Chemical and Pharmaceutical Sciences, 8(2), 377-381	??
36	Mohd Khalizan Sabullah, Siti Aqlima Ahmad , Mohd Yunus Shukor , Nor Arifin Shamaan , Ariff Khalid4 , Azlan Jualang Gansau , <b>Farrah Aini Dahalan</b> and Mohd Rosni Sulaiman	Acetylcholinesterase from <i>Puntius javanicus</i> for the detection of carbamates and organophosphates	Journal of Chemical and Pharmaceutical Sciences, 8(2), 348-353	??
37	Siti Aqlima Ahmad · Mohd Yunus Shukor · Nor Aripin Shamaan · Nor Arina Ab Rahman · <b>Farrah Aini Dahalan</b> · Khaliliah Abdul Khalil · Mohd Arif Syed ·	Effects of Pesticides and Respiratory Inhibitors on Phenol Degradation by <i>Acinetobacter</i> sp. strain AQ5NOL 1 Immobilized in Gellan Gum	Journal of Pure and Applied Microbiology 03/2015; 9(Special Edition)	0.07
38	Afifah Ayob · Salina Alias · <b>Farrah Aini Dahalan</b> · Ragunathan Santiago · Ahmad Zuhairi Abdullah · Tjoon Tow Teng	Kinetic removal of Cr <sup>6+</sup> by carboxymethyl cellulose-stabilized nano zerovalent iron particles	Macedonian Journal of Chemistry and Chemical Engineering 02/2015; 34(2):295-308	0.53
39	Nur Fitriah Isa, Mohd Zulham Affendi Mohd Zahid, Liyana Ahmad Sofri, Norrazman Zaiha Zainol, Muhammad Azizi Azizan, Muhammad Munsif Ahmad, Mohd Badrul Hisyam Ab Manaf, Mohd Faiz Mohammad Zaki, <b>Mustaqqim Abdul Rahim</b> and Zuhayr Md Ghazaly	Behaviour of axially loaded composite wall panel by using finite element analysis	Applied Mechanics and Materials Vol. 815 (2015) pp 49-53	0.15
40	<b>Norlia Mohamad Ibrahim</b> · Leong Qi Wen · Mustaqqim Abdul Rahim · Khairul Nizar Ismail · Roshazita Che Amat · Shamshinar Sallehuddin · Nur Liza Rahim	Compressive Strength of Concrete from Lightweight Bubbles Aggregate	Applied Mechanics and Materials Vol. 815 (2015) pp	0.15
41	<b>Ayu Wazira Azhari</b> · Kamaruzzaman Sopian · Mohd Khairunaz Mat Desa · Saleem H. Zaidi ·	Optimization of silver-assisted nano-pillar etching process in Silicon	Applied Surface Science 09/2015	2.71
42	<b>A H Ibrahim</b> · M R Taha · A W Azhari ·	Removal of COD from palm oil mill effluent (POME) via advanced Fenton process: Optimization study	Advances in Environmental Biology 09/2015; 9(15):1-10	

43	<b>Roslaili Abdul Aziz</b> · Sahibin Abd Rahim · Ismail Sahid · Wan Mohd Razi Idris	Speciation and Availability of Heavy Metals On Serpentinized Paddy Soil and Paddy Tissue	Procedia - Social and Behavioral Sciences 07/2015; 195:1658-1665	
44	<b>Shamshinar binti Salehuddin</b> · Nur Liza Rahim · Norlia Mohamad Ibrahim · Siti Aza Nurdiana Tajri · Mohd Zuhaidi Zainol Abidin ·	The Behaviour of Rubber Tyre as Fine Aggregate in Concrete Mix	Applied Mechanics and Materials 04/2015, 754-755:427-431.	0.15
45	<b>Nabilah Aminah Lutpi</b> , Jamaliah Md Jahim, Tabassum Mumtaz, Shuhaida Harun, Peer Mohamed Abdul	Batch and continuous thermophilic hydrogen fermentation of sucrose using anaerobic sludge from palm oil mill effluent via immobilisation technique	Process Biochemistry, In Press, Accepted Manuscript, Available online 2 December 2015 <a href="http://dx.doi.org/10.1016/j.procbio.2015.11.031">http://dx.doi.org/10.1016/j.procbio.2015.11.031</a>	2.52
46	<b>Salsuwanda Selamat</b> , Akio Miyara, Keishi Kariya	Analysis of short time period of operation of horizontal ground heat exchangers	Resources 2015;4:507–23. doi:10.3390/resources4030507	-
47	<b>Salsuwanda Selamat</b> , Akio Miyara, Keishi Kariya	Considerations for horizontal ground heat exchanger loops operation	Transactions of the Japan Society of Refrigerating and Air Conditioning Engineers 2015; 32(2). doi:10.11322/tjsrae.15-18RE_OA.	-
48	<b>Sara Y. Y</b> ·Tiek A. Tan · M. A. Umi Fazara	Electrochemical Reduction of Carbon Dioxide into Formate	Journal of Engineering Science and Technology Special Issue on SOMCHE 2014 & RSCE 2014 Conference, January (2015) 23 - 29	0.24
49	<b>U.Kassim</b> , C.S. Abdullah, Z.M. Udin	Attraction Factors in Choosing Industrialised Building System (IBS) Method over Conventional Building System	International Journal of Sciences: Basic and Applied Research (IJSBAR) ISSN 2307-4531).	
50	<b>U.Kassim</b> , Z.M. Udin, C.S. Abdullah	Preliminary Study To Identify Challenges And Limitations Factors Of Supply Chain Flexibility In Industrialised Building System (IBS)	ARNP Journal of Engineering and Applied Sciences (ISSN 1819-6608)	
51	Tengku Nuraiti Tengku Izhar · Chan Choon Jiat · Nabilah Aminah Lutpi ·	A Study of Fire Retardant Effect in Natural Fiber Composite Panels with Magnesium Hydroxide and Zinc Borate as Additives	Applied Mechanics and Materials 11/2015; 815.	0.15
52	Muhammad Arkam C. Munaaim, Karam M. Al-Obaidi, Mohd Rodzi Ismail, Abdul Malek Abdul Rahman	The Behavior of Internal Humidity from Fibre Optic Daylighting Application	Jurnal Teknologi (Sciences & Engineering) 75:9 (2015) 1-7, <a href="http://www.jurnalteknologi.utm.my">www.jurnalteknologi.utm.my</a>   eISSN 2180–3722, Penerbit UTM Press. <a href="http://www.jurnalteknologi.utm.my/index.php/jurnalteknologi/article/view/5212">http://www.jurnalteknologi.utm.my/index.php/jurnalteknologi/article/view/5212</a>	Scopus
53	<b>Ain Nihla Kamarudzaman</b> , Tay Chia Chay, Amnorzahira Amir, and Suhaimi Abdul Talib	Mn(II) Ions Biosorption from Aqueous Solution using <i>Pleurotus</i> Spent Mushroom Compost under Batch Experiment	Applied Mechanics and Materials 01/2015, 773-774:1101-1105	0.15
54	<b>Ain Nihla Kamarudzaman</b> , Tay Chia Chay, Amnorzahira Amir, and Suhaimi Abdul Talib	Biosorption of Mn(II) ions from Aqueous Solution by <i>Pleurotus</i> Spent Mushroom Compost in a Fixed-Bed Column	Procedia - Social and Behavioral Sciences 07/2015; 195: 2709 – 2716	
55	<b>Baharuddin, N.H.</b> , Nik Sulaiman, N.M., & Aroua, M.K. (2014).	Removal of Zinc and Lead Ions by Polymer Enhanced Ultrafiltration Using Unmodified Starch as Novel Binding	International Journal of Environmental Science and Technology, Volume 12, Issue 6, 1 June 2015, Pages 1825-	

		Polymer	1834	
56	<b>Zakarya, I.A.</b> , Khalib, S.N.B., Tengku Izhar, T.N and Yusuf, S.Y.	Composting of Food Waste using Indigenous Microorganisms (IMO) as Organic Additive	International Journal of Engineering Research & Technology (2015), 4(8), 181-186.	1.76
57	<b>Ayu Wazira Azhari</b> , Kamaruzzaman Sopian, Saleem Hussain Zaidi	Heteroepitaxial Growth Of Vacuum-Evaporated Si-Ge Films On Nanostructured Silicon Substrates	Malaysian Journal of Analytical Sciences Vol 19 No 6 2015	0.035
58	Muhd Afiq Hizami Abdullah, Mohd Zulham Affandi Mohd Zahiud, Badorul Hisham Au Bakar, Fadzli Mohamed Nazri, <b>Afizah Ayob</b>	UHRFRC as a repair material for fire damaged RC concrete structure - A review	Applied Mechanics and Materials, 802,(2015), 283-289, Trans Tech Pub.	
59	Nur Hidayah, A., <b>Umi Fazara, M.A.</b> , Nor Fauziah, Z., Aroua, M.K.	Preparation and characterization of activated carbon from the sea mango (Cerbera Odollam) with impregnation in phosphoric acid (H <sub>3</sub> PO <sub>4</sub> )	ASEAN Journal of Chemical Engineering Vol 15 (1), pp. 22-30	Scopus
60	<b>Norazian Mohamed Noor</b> , Ahmad Shukri Yahaya, Nor Azam Ramli, Florin Alexandru Luca, Mohd Mustafa Al Bakri Abdullah, Andrei Victor Sandu	Variation of Air Pollutant (Particulate Matter - PM <sub>10</sub> ) in Peninsular Malaysia Study in the southwest coast of peninsular Malaysia	<u>Revista de Chimie</u> 66 (9), pp. 1443-1447	0.81
61	Shahabaldin Rezanah, Mohd Fadhil Md Din, Shazwin Mat Taib, <b>Farrah Aini Dahalan</b> , Ahmad Rahman Songip, Lakhweer Singh & Hesam Kamyab	The Efficient Role of Aquatic Plant (Water Hyacinth) in Treating Domestic Wastewater in Continuous System	International Journal of Phytoremediation, in press (2015)	1.739

### Proceedings - Seminars – Conferences

No.	Author(s)	Title	Conference Event
1	Tiek Aun Tan, Sara Yasina Yusuf, M. A. Umi Fazara	Mass Transport Effects on Electroreduction of Carbon Dioxide	2015 International Conference on Waste Management, Ecology and Biological Sciences (WMEBS - 2015 ), Kuala Lumpur, Malaysia; 05/2015
2	Oon Yoong Sin, Ong Soon An, Ho Li Ngee, Wong Yee Shian, Wei Eng Thung, Oon Yoong Sin, Oon Yoong Ling	Study on Double Chambered Microbial Fuel Cell for Electricity Generation and Wastewater Treatment	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
3	Muhammad Suhaimi, Muhammad Ridwan Fahmi, Mustaqqim Abdul Rahim, Naimah Ibrahim	Assessments of Water Resources Quality and its Impact on the Chlorine Demand	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
4	A. Nur Hidayah, M.A. Umi Fazara, M. R. Fahmi, Z. Nurul Zufarhana, Z. Nor Fauziah	Preparation of Activated Carbon from Sea Mango (Cerbera Odollam) by Microwaves for Removal of Methyl Orange from Textile Wastewater	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
5	C. Z. A. Abidin, Muhammad Ridwan Fahmi, Ong Soon An	Effect of Operational Parameters on UV/H <sub>2</sub> O <sub>2</sub> Decolourization of Anthraquinone Dye	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.

6	Wei Eng Thung, Ong Soon An, Ho Li Ngee, Wong Yee Shian, Oon Yoong Sin, Oon Yoong Ling, Harvinder Kaur Lehl	Innovative design of up-flow membrane-less microbial fuel cell for dye-containing wastewater treatment and electricity generation	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
7	Harvinder Kaur Lehl, Ong Soon An, Ho Li Ngee, Wong Yee Shian, Wei Eng Thung, Oon Yoong Sin, Oon Yoong Ling	Removal of Synthetic Wastewater Containing Organic Compounds and Nutrients Using Aerobic and Anaerobic Baffled Constructed Wetland Reactor	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
8	Nasrul Hamidin	Formation of Disinfection byProducts (DBPs) in Treated Drinking Water	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
9	Oon Yoong Ling, Ong Soon An, Ho Li Ngee, Wong Yee Shian, Wei Eng Thung, Oon Yoong Sin, Harvinder Kaur Lehl	Simultaneous Wastewater Treatment and Electricity Generation by Using a Novel Hybrid System Up-Flow Constructed Wetland - Microbial Fuel Cell	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
10	M. H. Rodzi, N. Ibrahim, N. Ahmad, N. R. Rahmat, S.Y. Yusuf and N. A. ZainonNajib	Copper (II) and Chromium (VI) Removal from Aqueous Solution using Chemically Modified Clay Brick Waste	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
11	N. F. Bustary, Z. A. A. Zainuddin, M. F. A. Jalil, Z. M. Ideris and <b>N. Hamidin</b>	Formation of Disinfection byProducts (DBPs) in Treated Drinking Water	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
12	Yee-Shian Wong, Tjoon-Tow Teng, Soon-An Ong, Norhashimah Morad, Mohd Rafatullah	Comparison Study of Thermophilic and Mesophilic Anaerobic Degradation of POME wastewater-A Start-up Operation	4 <sup>th</sup> International Conference on Environmental Research and Technology. Park Royal Hotel Pulau Pinang. 27 - 29 May 2015.
13	Siee-Kung Khiew, Tjoon-Tow Teng, Yee-Shian Wong, Norli Ismail, Abbas Fadhi Murarek Al-karkhi	Degradation of 2-Naphthol Orange in Anaerobic Treatment and its Degradation Mechanism	4 <sup>th</sup> International Conference on Environmental Research and Technology. Park Royal Hotel Pulau Pinang. 27 - 29 May 2015.
14	Yen-Yie Lau, Yee-Shian Wong, Tjoon-Tow Teng, Soon-An Ong	Green Refined Laterite Soil as Advanced High Efficient Natural Coagulant for Removal of Cationic Dye and Aionic Dye	4 <sup>th</sup> International Conference on Environmental Research and Technology. Park Royal Hotel Pulau Pinang. 27 - 29 May 2015.
15	T.L. Teh, A. Nik Norulaini, Y.S. Wong, Muhamad. I. Syakir, A.K. Mohd. Omar	Assesment of Heavy Metal in Soils at Bayan Lepas Industrial Zone, Penang, Malaysia	4 <sup>th</sup> International Conference on Environmental Research and Technology. Park Royal Hotel Pulau Pinang. 27 - 29 May 2015.
16	S. W. M. Ismail, F.A. Dahalan, A. Zakariaa, ,A. Y. M. Shakaffa, L. M. Kamaruddin, N. Ibrahim, S. A. Ahmad, K. A. Khalil, Y. A. Shukor, J. Rotchell, N. Abdullah, M. A. Yuzir	Preliminary Attempt on Identification of Active Compound in Common Pesticide and Water of Paddy Field Pesticide	The 2nd IWA Malaysia Young Professionals Conference (YWP15), Vivatel Kuala Lumpur 17-20 March 2015.
17	<b>Salsuwanda Selamat</b> , Akio Miyara, Keishi Kariya	Comparison of heat exchange rates between straight and slinky horizontal ground heat exchanger	24th IIR International Congress of Refrigeration, Yokohama, Japan: 2015
18	Nor Amirah A.S ., Abustan, I ., Remy Rozainy M. A. Z ., Salwa M. Z. M ., <b>Mahyun A.W</b>	Water quality and hydraulic performances of the HMGDS Drainage Module	THA 2015 International Conference on "Climate Change and Water & Environment Management in Monsoon Asia" 28-30 January 2015, Thailand
19	SALWA Mohd Zaini Makhtar, ISMAIL Abustan , <b>MAHYUN</b> Ab Wahab , NOR AMIRAH Abu	Zn Removal From Synthetic Wastewater Using Zeolite Modified With Oxidizing Agent	THA 2015 International Conference on "Climate Change and Water &

	Seman, NUR ATIQA Ahmad Awalluddin		Environment Management in Monsoon Asia" 28-30 January 2015, Thailand
20	<b>Ain Nihla Kamarudzaman</b> , Tay Chia Chay, Amnorzahira Amir, and Suhaimi Abdul Talib	Study of Heavy Metals Concentration from Different Steel-Based Industries Effluents	2nd International Symposium on Flood Research and Management (ISFRAM2015), Shah Alam, Selangor, Malaysia, 5 – 6 October 2015.
21	<b>Ayu Wazira Azhari</b> , Kamaruzzaman Sopian, Dewi Suriyani Che Halin , Abdul Haqi Ibrahim, Saleem H. Zaidi	Response surface methodology (RSM) in fabrication of nanostructured Silicon	International Conference on Advanced Material Engineering & Technology (ICAMET), Kaohsiung, Taiwan December 4 <sup>th</sup> to December 6 <sup>th</sup> 2015
22	Salina Alias, Megawati Omar, <b>Afizah Ayob</b> , Suhaimiu Abdul Talib	Remediation of Phenanthrene Contaminated Soil by Hybrid Sphingobacterium Spritovorom and zero-valent iron	International Conference on Advances in Civil and Environmental Engineering 28-30 July 2015, G-Hotel Penang
23	<b>Yee-Shian Wong</b> , Tjoon-Tow Teng, Soon-An Ong, Norhashimah Morad and Mohd Rafatullah	Performance comparison between thermophilic And mesophilic anaerobic suspended growth Closed bioreactor of palm oil mill effluent	International Conference on Energy, Environmental & Sustainable Ecosystem Development (EESED2015) Kunming, Yunnan, China 21 to 23 August 2015.
24	Yen-Yie Lau, <b>Yee-Shian Wong</b> , Tjoon-Tow Teng, Soon-An Ong, Norhashimah Morad and Mohd Rafatullah	Effect of tosyl group on dye degradation rate By using laterite soil as natural Coagulant-flocculant	International Conference on Energy, Environmental & Sustainable Ecosystem Development (EESED2015) Kunming, Yunnan, China 21 to 23 August 2015.
25	Claire Xin-Hui Su, Tjoon-Tow Teng, <b>Yee-Shian Wong</b> , Norhashimah Morad and Mohd Rafatullah	Treatment of textile industry wastewater using Combined process of thermolysis and Coagulation-flocculation: a comparison Between the use of magnesium chloride Coagulant and magnesium chloride-organic Hybrid polymer as coagulant	International Conference on Energy, Environmental & Sustainable Ecosystem Development (EESED2015) Kunming, Yunnan, China 21 to 23 August 2015.
26	<b>Noor, N.M.</b> , Al Bakri Abdullah, M.M., Yahaya, A.S., Ramli, N.A. (2015), <u>Materials Science Forum</u> 803, pp. 278-281	Comparison of linear interpolation method and mean method to replace the missing values in environmental data set	2014 Malaysia-Indonesia Geopolymer Symposium, MIGS 2014; Kuala Lumpur; Malaysia; 11 May 2014 through 12 May 2014;
27	N. S. H. Abdullah, L. M. Kamarudin, <b>N. Hamidin</b> , A. Zakaria, A. Y. M. Shakaff1 and R. Gunasagaran	Assessment on ground-level nitrogen dioxide (NO <sub>2</sub> ) and ammonia (NH <sub>3</sub> ) at secondary forest of Mata Ayer and Kangar, Perlis	11 <sup>th</sup> Asian Conference Chemical Sensors (ACCS 2015), Penang, Malaysia, 16 <sup>th</sup> – 18 <sup>th</sup> November 2015,

## Books

No.	Author(s)	Title	Publisher
1	<b>Yee-Shian Wong</b> , Tjoon-Tow Teng, Soon-An Ong, Norhashimah Morad and Mohd Rafatullah	Performance comparison between thermophilic And mesophilic anaerobic suspended growth Closed bioreactor of palm oil mill effluent	World Scientific Publishing Co. Pte. Ltd. British Library Cataloguing-in-Publication Data. ( Topic 2: Environmental Sciences and Engineering)



2	Yen-Yie Lau, <b>Yee-Shian Wong</b> , Tjoon-Tow Teng, Soon-An Ong, Norhashimah Morad and Mohd Rafatullah	Effect of tosyl group on dye degradation rate By using laterite soil as natural  Coagulant-flocculant	World Scientific Publishing Co. Pte. Ltd. British Library Cataloguing-in-Publication Data. ( Topic 2: Environmental Sciences and Engineering)
3	Claire Xin-Hui Su, Tjoon-Tow Teng, <b>Yee-Shian Wong</b> , Norhashimah Morad and Mohd Rafatullah	Treatment of textile industry wastewater using Combined process of thermolysis and Coagulation-flocculation: a comparison Between the use of magnesium chloride Coagulant and magnesium chloride-organic Hybrid polymer as coagulant	World Scientific Publishing Co. Pte. Ltd. British Library Cataloguing-in-Publication Data. ( Topic 2: Environmental Sciences and Engineering)
4	Andrei Victor Sandu, <b>Norazian Mohamed Noor</b>	Introducere in Ingineria Mediului (Introduction to Environmental Engineering)	Editura PIM Iasi - Romania (ISSN 978-606-13-2752-2)