

LIST OF PUBLICATIONS 2012

Journals

No.	Author(s)	Title	Publisher	Impact Factor
1	Ong SA , Ho LN, Wong YS, Chen SF, Murali V, Bahari R	Mineralization of diazo dye (Reactive Black 5) in wastewater using recirculated up-flow constructed wetland reactor	Desalination and Water Treatment (Taylor & Francis)	0.752
2.	Ong SA , Ho LN, Wong YS, Min OM, Lai LS, Khiew SK, Murali V	Photocatalytic mineralization of azo dye acid orange 7 under solar light irradiation	Desalination and Water Treatment (Taylor & Francis)	0.752
3	Ong SA , Ho LN, Wong YS, Chen SF	Artificial aeration to enhance mineralization of mono azo (Methyl Orange)-containing wastewater using recirculated up-flow constructed wetland	Environmental Engineering and Management Journal	1.435
4	Ho LN, Ong SA , Osman H, Chong FM	Enhanced photocatalytic activity of fish scale loaded TiO ₂ composites under solar light irradiation	Journal of Environmental Sciences (Elsevier)	1.513
5	Ho LN, Ong SA , See YL	Photocatalytic degradation of Reactive Black 5 by fish scale loaded TiO ₂ composites	Water, Air and Soil Pollution (Springer)	1.765
6	Ong SA , Ho LN, Wong YS, Komalathevi R, Bahari R	Mineralization of Methyl Orange-containing wastewater by integrated anaerobic and aerobic processes using spent granular activated carbon-biofilm under sequencing batch reactor operation	Desalination and Water Treatment (Taylor & Francis)	0.752
7	Ong SA , Min OM, Ho LN, Wong YS	Solar photocatalytic degradation of mono azo Methyl Orange and diazo Reactive Green 19 in single and binary dye solutions: Adsorbability vs photodegradation rate	Environmental Science and Pollution Research (Springer)	2.651
8	Murali V, Ong SA , Wong YS, Ho LN, Hamidin N	Comprehensive review and compilation of treatment for azo dyes using microbial fuel cell	Water Environment Research (Water Environment Federation)	0.883
9	Ong SA , Min OM, Ho LN, Wong YS	Comparative study on photocatalytic degradation of mono azo dye Acid Orange 7 and Methyl Orange under solar light irradiation	Water, Air and Soil Pollution (Springer)	1.765
10	Wong YS , Ong SA, Teng TT, Nabilah Aminah L, Kumara K	Production of bioflocculant by <i>Staphylococcus cohnii</i> ssp. from palm oil mill effluent (POME)	Water, Air and Soil Pollution (Springer)	1.765
11	Mohd Mustafa Al Bakri Abdullah , Kamarudin Hussin	Fly Ash-based Geopolymer Lightweight Concrete Using	International Journal of Molecular Sciences	

	, Mohamed Bnhussain , Khairul Nizar Ismail , Zarina Yahya and Rafiza Abdul Razak	Foaming Agent	ISSN 1422-0067, Int. J. Mol. Sci. 2012, 13, 7186-7198; doi:10.3390/ijms13067186	
12	A. M. Mustafa Al Bakri, A. R. Rafiza, D. Hardjito, H. Kamarudin, and I. Khairul Nizar	Characterization of LUSI Mud Volcano as Geopolymer Raw Material	Advanced Materials Research Vol. 548 (2012) pp 82-86 © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.n et/AMR.548.82	
13	Y.M. Liew, H. Kamarudin, A.M. Mustafa Al Bakri, M. Binhussain, M. Luqman, I. Khairul Nizar , C.M. Ruzaidi and C.Y. Heah	Calcined Kaolin Geopolymeric Powder: Influence of Water- to-geopolymeric Powder Ratio	Advanced Materials Research Vol. 548 (2012) pp 48-53 © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.n et/AMR.548.48	
14	C.Y. Heah, H. Kamarudin, A.M. Mustafa Al Bakri, M. Binhussain, M. Luqman, I. Khairul Nizar , C.M. Ruzaidi and Y.M. Liew	Curing Behavior on Kaolin- Based Geopolymers	Advanced Materials Research Vol. 548 (2012) pp 42-47 © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.n et/AMR.548.42	
15	Omar A. Abdulkareem, A.M. Mustafa Al Bakri, H. Kamarudin, and I. Khairul Nizar	The influence of curing periods on the compressive strength of fly ash based geopolymer at different aging times	Advanced Materials Research Vols. 479-481 (2012) pp 512-516 Online available since 2012/Feb/27 at www.scientific.net © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.n et/AMR.479-481.512	
16	C.Y. Heah, H. Kamarudin, A.M. Mustafa Al Bakri, M. Binhussain, M. Luqman, I. Khairul Nizar , C.M. Ruzaidi and Y.M. Liew	Effect of Mechanical Activation on Kaolin-based Geopolymers	Advanced Materials Research Vols. 479-481 (2012) pp 357-361 Online available since 2012/Feb/27 at www.scientific.net © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.n et/AMR.479-481.357	
17	Y.M. Liew H. Kamarudin, A.M. Mustafa Al Bakri, M. Binhussain, M. Luqman, I. Khairul Nizar , C.M. Ruzaidi and C.Y. Heah	Influence of Solidification Process on Calcined Kaolin Geopolymeric Powder	Advanced Materials Research Vols. 479-481 (2012) pp 286-291 Online available since 2012/Feb/27 at www.scientific.net © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.n et/AMR.479-481.286	
18	A. M. Mustafa Al Bakri, H. Kamarudin, M. Binhussain, I. Khairul Nizar , A. R. Rafiza, and Y. Zarina	Microstructure study on optimization of high strength fly ash based geopolymer	Advanced Materials Research Vols. 476-478 (2012) pp 2173-2180 Online available since 2012/Feb/27 at www.scientific.net © (2012) Trans Tech	

			Publications, Switzerland doi:10.4028/www.scientific.net/AMR.476-478.2173	
19	A.M. Mustafa Al Bakri, H. Kamarudin, I. Khairul Nizar , M. Bnhussain, Y. Zarina, and A. R. Rafiza,	Correlation between Na ₂ SiO ₃ /NaOH Ratio and Fly Ash/Alkaline Activator Ratio to the Strength of Geopolymer	Advanced Materials Research Vols. 341-342 (2012) pp 189-193 Online available since 2011/Sep/27 at www.scientific.net © (2012) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMR.341-342.189	
20	M.M.A. Abdullah, H. Kamarudin, H. Mohammed, I. Khairul Nizar , A. R.Rafiza, and Y. Zarina	The relationship of NaOH Molarity, Na ₂ SiO ₃ /NaOH Ratio, Fly Ash/Alkaline Activator Ratio, and Curing Temperature to the Strength of Fly Ash-Based Geopolymer	Advanced Materials Research Vols. 328-330 (2011) pp 1475-1482 Online available since 2011/Sep/02 at www.scientific.net © (2011) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMR.328-330.1475	
21	Mohd Zulham Affandi bin Mohd Zahid , Taksiah A. Majid, Adi Faisal	Effect of Repeated Near Field Earthquake to the High-Rise RC Building	Australian Journal of Basic and Applied Sciences (AJBAS) (<i>in press</i>) (SCOPUS)	-
22	P.J. Ramadhansyah, M.Z.M. Salwa , A.W. Mahyun, B.H. Abu Bakar, M.A. Megat Johari, C.W. Che Norazman	Properties of Concrete Containing Rice Husk Ash Under Sodium Chloride Subjected to Wetting and Drying	Procedia Engineering, Volume 50, 2012, Pages 305-313	-
23	P.J. Ramadhansyah, A.W. Mahyun , M.Z.M. Salwa, B.H. Abu Bakar, M.A. Megat Johari, M.H. Wan Ibrahim	Thermal Analysis and Pozzolanic Index of Rice Husk Ash at Different Grinding Time	Procedia Engineering, Volume 50, 2012, Pages 305-313	-
24	Ahmad Kamal Md. Issa, Sabariah Badrealam, Norshafa Elyza Muha, Mohammad Khairi Arshad, Julian Martin, Juwita Asfar, Nur Shazwani Muhammad, Norlia Mohamad Ibrahim	A Review of Groundwater Quality for Domestic Consumers' Consumption In Perlis	Jurnal Intelek, Volume 7, Issue 1	-
25	Penulis Bersama: Arof, Z.M, Yahaya, A.N., Yusof, K.W., Ibrahim,N.M. ,Salleh,M.S	Using the Arau Model to Locate Groundwater Potential Zones in the Northern Region of Malaysia	Jurnal Intelek, Volume 7, Issue 1	-
26	S. A. Mohammed , N. A. Z. Najib and V. Muniandi	Durian Rind as A Low Cost Adsorbent	International Journal of Civil & Environmental Engineering IJCEE / IJENS	0.4883
27	Ain Nihla Kamarudzaman , Ahmad Muktar Ahmad Nordin, Roslaili Abdul Aziz and Mohd. Faizal Ab Jalil	Mapping Status for River Water Quality Index of Sungai Merbok, Kedah, Malaysia	International Journal of Chemical and Environmental Engineering, Volume 3, No.1, Pp. 69 -73, February 2012, ISSN 2078-0737	
28	Ain Nihla Kamarudzaman , Mohd. Abd Hafiz Zakaria, Roslaili Abdul Aziz and Mohd. Faizal Ab Jalil	Removal of Iron (Fe) from Landfill Leachate Using Horizontal and Vertical Subsurface Flow	International Journal of Chemical and Environmental Engineering,	

		Constructed Wetland System Planted With <i>Limnocharis Flava</i>	Volume 3, No. 2, Pp. 123 - 128, April 2012, ISSN 2078-0737	
29	Etri Ernovianti, Nik Kamariah Nik Mat*, Umar Kassim , Rashdan Rashid, Mai Syaheera Meor Shaari	The Usage of Internet Banking Service Among Higher Learning Students in Malaysia	American Journal of Economics June 2012, Special Issue: 105-108 DOI: 10.5923/j.economics.20120001.24	
30	Nabilah A. Lutpi , N.Najihah Jamil, C.K.Kairulazam C.K.Abdullah, Yee-Shian Wong, Soon-An Ong, and T.Nuraiti T.Izhar	Sorption Of Methylene Blue and Acid Orange 7 Onto Ananas Comosus Peels and Leaves Based Activated Carbon	2012 International Conference on Civil Engineering (ICCEN 2012) – Advanced Materials Research Journal - SCOPUS (ISSN: 1022-6680)	
31	Nabilah A. Lutpi , W.Fadhilah W.M.Khalik, C.K.Kairulazam C.K.Abdullah, Yee-Shian Wong, Soon-An Ong, and T.Nuraiti T.Izhar	Adsorption Efficiency Of Garcinia Mangostana Linn. (GML) Shells Based Activated Carbon	2012 International Conference on Civil Engineering (ICCEN 2012) Advanced Materials Research Journal – SCOPUS (ISSN: 1022-6680)	

Proceedings - Seminars – Conferences

No.	Author(s)	Title	Publisher
1	Nur Liza Rahim , Norlia Mohamad Ibrahim, Roshazita Che Amat and Rohana Hashim	Glass Dust Waste as Fine Aggregate Replacement Material in Concrete	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012)
2	Syakirah Afiza Mohammed , Vishnuvarthan A/L Muniandi, Norwahidatul Azura Zainon Najib, Norlia Ibrahim and Farah Naemah Mohd Saad	Nickel And Methylene Blue Removal Efficiency Using Durian Rind Powder	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012)
3	Syakirah Afiza Mohammed , Vishnuvarthan A/L Muniandi, Norwahidatul Azura Zainon Najib, Norlia Ibrahim and Md. Hadli Abu Hassan	Nickel and Brilliant Green Removal Efficiency from Aqueous Solution using Durian Rind Powder	University Malaysia Terengganu Annual Seminar (Umtas 2012)
4	Farah Naemah Mohd Saad , Nik Norulaini Nik Ab Rahman, Abbas Fadhl Mubarek Alkarkhi	Assessment of Heavy Metal Pollution in Sediments of Pinang River, Malaysia	The 3rd International Conference on Environmental Research and Technology 2012 (ICERT 2012), 30 May- 1 June 2012, Parkroyal Hotel Penang, Malaysia
5	Farah Naemah Mohd Saad , Nik Norulaini Nik Ab Rahman, Abbas F. M. Alkarkhi and Syakirah Afiza Mohammed	Investigation of Natural Attenuation and Bioaugmentation Techniques in Remediate Heavy Metal Contaminated Sediments	The 2nd International Malaysia-Ireland Joint symposium on Engineering, Science and Business 2012 (IMiEJS 2012), 18-19 June 2012, Putra world Trade Centre (PWTC), Kuala Lumpur, Malaysia
6	Shamshinar Salehuddin , Norlia Mohamad Ibrahim, Abdul Hasib Mahamod	Properties of Modified Sand Brick using Coconut Shell	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012)

7	Norlia Mohamad Ibrahim, Shamshinar Salehuddin, Nur Liza Rahim, Roshazita Che Amat, Syakirah Afiza Mohamed, Abdul Rahim Abdul Razak ,Show-Bor JIunn	A Comparison Study Of Two Electrical Transmission Tower Towards Wind Load Using Staad.Pro	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012)
8	Norlia Mohamad Ibrahim , Nur Liza Rahim, Roshazita Che Amat, Shamshinar Salehuddin- Nor Afzan Ariffin	Determination of Plasticity Index and Compression Index of Soil at Perlis	2012 2nd International Conference on Asia Agriculture and Animal ICAAA 2012
9	Norlia Mohamad Ibrahim, Roshazita Che Amat, Nur Liza Rahim, Shamshinar Salehuddin, Syakirah Afiza Mohamed, Haris Haroon	Performance of Lightweight Foamed Concrete With Replacement Of Concrete Sludge Aggregate As Coarse Aggregate	AWAM International Conference on Civil Engineering (AICCE'12)
10	Zakarya, I. A., Mohd, O. Z. S., and Tengku, I. T. N. (2012)	Relationship between Volatile Fatty Acids Concentrations and Methane Gas Production in Two-Phase Reactor	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012) , 18th – 20th June, 2012 at Kuala Lumpur, Malaysia.
11	Tengku Nuraiti Tengku Izhar, Irnis Azura Zakarya and Zaity Syazwani Mohd Odli (2012)	A Study on the Effects of Landfill Activities on Semi-Aerobic Landfill Employees Satisfaction,	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012) , 18th – 20th June, 2012 at Kuala Lumpur, Malaysia.
12	Mohd Zulham Affandi bin Mohd Zahid, Debbie Robert, Fatehah Shahrin	An Evaluation of Overstrength Factor of Seismic Designed Low-Rise RC Buildings	The 6th Malaysian Technical Universities Conference on Engineering and Technology (MUCET2012), 20-21 November 2012 at Kangar, Perlis
13	Sara Y. Y., Rashid M., Chuah T. G., Suhaimi M., Mohamed N. N.	Characteristics of Airborne PM2.5 and PM2.5-10 in the Urban Environment of Kuala Lumpur	International Conference on X-Rays & Related Techniques in Research & Industry 2012 (ICXRI2012), 3rd – 5th July 2012
14	Roshazita Che Amat, Norlia Mohamad Ibrahim, Nur Liza Rahim, Khairrel Rafezi Ahmad maNur Saidatul Balqish Ahmad Tajudin	Fire Resistance Of Biomass Ash Panels Used For Internal Partitions In Buildings	Malaysian Technical Universities Conference on Engineering and Technology (MUCET 2012), 20th – 21st November 2012, Hotel Seri Malaysia Kangar, Perlis, Malaysia.
15	Wong YS, Ong SA, Teng TT, Kumaran K	Bio-flocculant production by Staphylococcus cohnii ssp. from palm oil mill effluent (POME)	3rd International Conference on Environmental Research and Technology (ICERT 2012), Penang, Malaysia, May 30th – June 1st.
16	Murali V, Ong SA, Wong YS, Ho LN, Pakri KA	Degradation of synthetic dye wastewater by using combined anaerobic-aerobic and aerobic sequencing batch reactors	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012), Kuala Lumpur, Malaysia, June 18th – 20th.
17	Min OM, Ong SA, Wong YS, Ho LN	Solar photocatalytic decolorization of binary azo dyes Acid Orange 7 and Reactive Green 19 in aqueous TiO2 suspensions	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012), Kuala Lumpur, Malaysia, June 18th – 20th.

18	Rashid, N.A., Dahalan, F.A. , Muhammad Ridwan, F., Ong, S.A., and Abdul Rani, A.L.	Development of aerobic granular in rubber industry wastewater	The 2nd International Malaysia-Ireland Joint Symposium on Engineering, Science and Business (IMiEJS 2012) , 18th – 20th June, 2012 at Kuala Lumpur, Malaysia.
19	Ain Nihla Kamarudzaman Suhaimi Abdul-Talib Tay Chia-Chay Liew Hong-Hooi	Heavy Metals Removal Using Biosorption Technology: An Overview	National Postgraduate Seminar 2012, Faculty of Civil Engineering, UiTM, Shah Alam, 16 – 18 July 2012
20	K. AIN NIHLA , A. AFIFI, A.J. MOHD FAIZAL, A.A. ROSLAILI	Nutrients Removal From Landfill Leachate Using Subsurface Flow And Free Water Surface (SSF-FWS) Constructed Wetland	International Conference on Environment 2012 (ICENV 2012), Hotel Park Royal, Batu Ferringhi, Pulau Pinang, 11 – 13 December 2012
21	K. AIN NIHLA , D.A.G. ALICE, A.J. MOHD FAIZAL, A.A. ROSLAILI	Study Of Landfill Leachate Treatment Using Constructed Wetland Under Different Hydraulic Loading Rate	International Conference on Environment 2012 (ICENV 2012), Hotel Park Royal, Batu Ferringhi, Pulau Pinang, 11 – 13 December 2012
22	Roslaili Aziz , Ahmad Fariz Mohamed, Ain Nihla Kamarudzaman, Mohd. Nazry Salleh	Integrated Understanding in Semi-Aerobic Landfill Sites Closure and Rehabilitation Approach: Case Study on Contaminated Land Management in Malaysia	3 rd International Conference on Environmental Research and Technology (ICERT 2012), Hotel Park Royal, Batu Ferringhi, Pulau Pinang, 30 May – 1 June 2012
23	Norazian Mohamed Noor , Ahmad Shukri Yahaya, Nor Azam Ramli, Noor Faizah Fitri Md Yusof	Application Of Missing Data Analysis In Statistical Software: A Review	The 2nd International Conference on Environment (ICENV 2012), 11th – 13th December, 2012 at Penang, Malaysia.
24	Umar Kassim ¹ , Sobry Abdullah ² , Luqman Walid ³ . Kamaruddin Md Nor ⁴ . Zulkifli Udin ⁵ .	The Application Of The Industrialised Building System (Ibs) In Malaysia: A Case Study In The State Of Perlis.	Proceeding International Soft Science Conference 2012, Cambodia-By ' Pusat Pengurusan Penyelidikan Dan Inovasi Uni.Utara Malaysia (UUM).'
25	Umar Kassim ¹ , Luqman Walid ²	Awareness Of The Industrialized Building System (Ibs) Implementation In Northern Malaysia- A Case Study In Perlis.	Proceeding Malaysia Technical Universities Conference On Engineering & Technology 2012- By UniMAP
26	Muhammad Ridwan Fahmi , Che Zulzikrami Azner Abidin, Nazerry Rosmady Rahmat, Soon An Ong	Trend in Biodegradability Improvement of Azo Dye by Ozonation	<i>The 4th IWA Asia Pasific Young Water Professional Conference, 6-10 Decmber 2012, Tokyo</i>
27	Muhammad Ridwan Fahmi , Li Sze Lai, Nazerry Rosmady Rahmat, Che Zulzikrami Azner Abidin, Soon An Ong and Umi Fazara Md. Ali	Trend in Azo Dye Reactive Red 120 Degradation by Ozonation and Advanced Oxidation Process	<i>The second International Malaysia-Ireland Joint Symposium on Engineering, Science and Business, 19-20 June 2012, Kuala Lumpur</i>
28	Meutia Nurfahasdi, Muhammad Ridwan Fahmi , Umi Fazara Md. Ali and Salsuwanda Selamat	Characterization of Coagulation Active Agent from Moringa Oleifera for Water Turbidity and Hardness Removal	<i>The second International Malaysia-Ireland Joint Symposium on Engineering, Science and Business, 19-20 June 2012, Kuala Lumpur</i>
29	Che Zulzikrami Azner Abidin , Muhammad Ridwan Fahmi, Ong Soon An, Nazerry Rosmady Rahmat and Siti Nurfatin Nadhirah Mohd Makhta	Decolourization and Degradation of Reactive Red 120 Azo Dye by Oxidation Processes	<i>The second International Malaysia-Ireland Joint Symposium on Engineering, Science and Business, 19-20 June 2012, Kuala Lumpur</i>

30	Nor Wahidatul Azura Zainon Najib, Syakirah Afiza Mohammed, Fahmi Muhammad Ridwan and Bee Sian Lim	Study on Methylene Blue Colour Removal Effectiveness by Moringa Oleifera and Alum	<i>The second International Malaysia-Ireland Joint Symposium on Engineering, Science and Business, 19-20 June 2012, Kuala Lumpur</i>
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Books

No.	Author(s)	Title	Publisher
1	Norlia Mohamad Ibrahim, Roshazita Che Amat, Nur Liza Rahim, Syakirah Afiza Mohammed, Mohamed Tamizi Selimin, Prof. Dr. Kamarudin Hussin,	Sistem Binaan Berindustri	Penerbit Universiti Malaysia Perlis
2	Editors: Azmi Aris Aznah Nor Anuar Khalida Muda Zaini Ujang Chapter 12: "Role and Diversity of Bacteria in Aerobic Granular Sludge" Farrah Aini Dahalan	ADVANCES IN WATER AND WASTEWATER TREATMENT TECHNOLOGIES: SERIES 2	Penerbit Universiti Teknologi Malaysia
3	Affizal Ahmad, Aqlima Ahmad, Farrah Aini Dahalan	Glossary of Forensic Sciences (Glosari Sains Forensik)	Penerbit Universiti Sains Malaysia (Kubang Kerian)
4	Norazian Mohamed Noor Noridah Yangman Ain Nihla Kamarudzaman Ayu Wazira Azhari Nabilah Aminah Lutpi Kamarudin Hussin Mohd Mustafa Al Bakri Abdullah Abdul Haqi Ibrahim	Isu Pemanasan Global	Penerbit Universiti Malaysia Perlis, 2012 ISBN 978-967-5415-37-1
5	Nabilah Aminah Lutpi, Norazian Mohamed Noor, Roslaili Abdul Aziz, Abdul haqi Ibrahim (Teaching Module)	Air Pollution Engineering	Penerbit Universiti Malaysia Perlis
6	Norazian Mohamed Noor, Mohd Mustafa Al Bakri Abdullah	Missing Data Estimation and Modelling via Probability Distributions: A case study of Air Pollutant Data in Malaysia	LAMBERT Academic Publishing (ISBN: 978-3-8465-8601-3)