

LIST OF PUBLICATIONS AND RESEARCH GRANT 2013

Journals

| No | Author(s) | Title | Publisher | Impact Factor |
|-----|---|---|--|---------------|
| 1 | 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 | Applied Mechanics and Materials Vol. 330 (2013) pp 112-116 (Trans Tech Publications, Switzerland) | |
| 2. | 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 <i>Garcinia Mangostana</i> Linn. (GML) Shells Based Activated Carbon | Applied Mechanics and Materials Vol. 330 (2013) pp 136-140 (Trans Tech Publications, Switzerland) | |
| 3. | L. Nabilah Aminah , S. T. Leong, Y. S. Wong, S. A. Ong, and C. K. Kairulazam | Biodiesel Production of <i>Garcinia Mangostana</i> Linn. Seeds by Two-Phase Solvent Extraction and Alkali-Catalyzed Transesterification | International Journal of Chemical Engineering and Applications, Vol. 4, No. 3, June 2013 (IACSIT Press) | |
| 4. | N. Ibrahim , D. Poulidi, I. S. Metcalfe. | The role of sodium surface species on electrochemical promotion of catalysis in a Pt/YSZ system: The case of ethylene oxidation. | <i>Journal of Catalysis, Volume 303, July 2013, Pages 100-109.</i> | 5.787 |
| 5. | W.A.Amneera , Nor Wahidatul Azura Zainon Najib, Siti Rawdhoh Mohd Yusof, S.Ragunathan | Water Quality Index of Perlis River, Malaysia | International Journal of Civil & Environmental Engineering IJCEE-IJENS | 0.4771 |
| 6. | Mustaqqim Abdul Rahim , Farah Nora Aznieta Abd. Aziz, Zuhayr Md Ghazaly, Shahiron Shahidan and Norlia Mohamad Ibrahim | Flexural Behaviour Of High Performance Slurry Infiltrated Fiber Reinforced Concrete With Different Curing Method | Australian Journal of Basic and Applied Sciences | - |
| 7. | Yee-Shian Wong ; Tjoon-Tow Teng; Soon-An Ong; M. Norhashimah; M. Rafatullah; Hong-Chen Lee | Anaerobic Acidogenesis Biodegradation of Palm Oil Mill Effluent Using Suspended Closed Anaerobic Bioreactor (SCABR) at Mesophilic Temperature | Procedia Environmental Sciences - Journal (2013, Vol 18, pages: 433 - 441) (Elsevier) | - |
| 8. | Tjoon-Tow Teng; Yee-Shian Wong ; Soon-An Ong; M. Norhashimah; M. Rafatullah; Hong-Chen Lee | Start-up Operation of Anaerobic Degradation Process for Palm Oil Mill Effluent in Anaerobic Bench Scale Reactor (ABSR) | Procedia Environmental Sciences - Journal (2013, Vol 18, pages: 442 - 450) (Elsevier) | - |
| 9. | Hamidin, N. ; Yu, Q.J., Phung D.T., Connell, D.W., Chu C. | Volatile aromatic hydrocarbons (VAHs) in residential indoor air in Brisbane, Australia. | Chemosphere | 3.137 |
| 10. | Nur Atiqah A.A*1, Abustan I2, Syafalni3, Mahyun A.W | Water Quality Monitoring on Golden Arowana (<i>Scleropages formosus</i>) Aquaculture Farm at Bukit Merah, Malaysia. | Caspian Journal of Applied Sciences Research, 2(AICCE'12 & GIZ' 12), pp. 190-196, 2013 ISSN: 2251-9114, ©2012 CJASR | |

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| 11. | Murali, V., Ong, S.-A. , Ho, L.-N., Wong, Y.-S. | Evaluation of integrated anaerobic-aerobic biofilm reactor for degradation of azo dye methyl orange | <i>Bioresource Technology</i> 143 , pp. 104-111 | 4.750 |
| 12. | Ong, S.-A. , Ho, L.-N., Wong, Y.-S., Raman, K., 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 | <i>Desalination and Water Treatment</i> 51 (13-15) , pp. 2813-2819 | 0.752 |
| 13. | Murali, V., Ong, S.-A. , Ho, L.-N., Wong, Y.-S., Hamidin, N. | Comprehensive review and compilation of treatment for azo dyes using microbial fuel cells | <i>Water Environment Research</i> 85 (3) , pp. 270-277 | 0.883 |
| 14. | Ong, S.-A. , Min, O.-M., Ho, L.-N., Wong, Y.-S. | Solar photocatalytic degradation of mono azo methyl orange and diazo reactive green 19 in single and binary dye solutions: Adsorbability vs photodegradation rate | <i>Environmental Science and Pollution Research</i> 20 (5) , pp. 3405-3413 | 2.651 |
| 15. | Liew, Y.M., Kamarudin, H., Bakri, A.M.M.A., Binhussain, M., Luqman, M., Nizar, I.K. , Ruzaidi, C.M., Heah, C.Y. | Correlating composition design and properties of calcined kaolin geopolymeric powder | <i>Advanced Science Letters</i> 19 (12) , pp. 3671-3674 | |
| 16. | Heah, C.Y., Kamarudin, H., Al Bakri, A.M.M., Binhussain, M., Luqman, M., Nizar, I.K. , Ruzaidi, C.M., Liew, Y.M. | Influence of oxide molar ratios on kaolin geopolymers | <i>Advanced Science Letters</i> 19 (12) , pp. 3588-3591 | |
| 17. | Al Bakri, A.M.M., Kamarudin, H., Binhussain, M., Nizar, I.K. , Rafiza, A.R., Zarina, Y. | Comparison of geopolymer fly ash and ordinary portland cement to the strength of concrete | <i>Advanced Science Letters</i> 19 (12) , pp. 3592-3595 | |
| 18. | Wan Mastura, W.I., Kamarudin, H., Nizar, I.K. , Mustafa Al Bakri, A.M., BnHussain, M. | Effect of curing system on properties of fly ash-based geopolymer bricks | <i>International Review of Mechanical Engineering</i> 7 (1) , pp. 67-71 | |
| 19. | Bakri, A.M.M., Kamarudin, H., Nizar, I.K. , Sandu, A.V., Binhussain, M., Zarina, Y., Rafiza, A.R. | Design, processing and characterization of fly ash-based geopolymers for lightweight concrete application | <i>Revista de Chimie</i> 64 (4) , pp. 382-387 | |
| 20. | Heah, C.Y., Kamarudin, H., Mustafa Al Bakri, A.M., Bnhussain, M., Luqman, M., Khairul Nizar, I. , Ruzaidi, C.M., Liew, Y.M. | Kaolin-based geopolymers with various NaOH concentrations | <i>International Journal of Minerals, Metallurgy and Materials</i> 20 (3) , pp. 313-322 | |
| 21. | Rafiza, A.R., Al Bakri, A.M.M., Kamarudin, H., Nizar, I.K. , Hardjito, D., Zarina, Y. | Reviews on the properties of aggregates made with or without geopolymerisation method | <i>Advanced Materials Research</i> 626 , pp. 892-895 | |
| 22. | Mastura, W.I.W., Kamarudin, H., Nizar, I.K. , Al Bakri, A.M.M., Mohammed, H. | The effect of curing time on the properties of fly ash-based geopolymer bricks | <i>Advanced Materials Research</i> 626 , pp. 937-941 | |

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| 23. | Heah, C.Y., Kamarudin, H., Al Bakri, M.A.M., Bnhussain, M., Luqman, M., <u>Nizar, I.K.</u> , Ruzaidi, C.M., Liew, Y.M. | Strength and microstructural properties of mechanically-activated kaolin geopolymers | <i>Advanced Materials Research 626</i> , pp. 926-930 | |
| 24. | Al Bakri, A.M.M., Izzat, A.M., Faheem, M.T.M., Kamarudin, H., <u>Nizar, I.K.</u> , Bnhussain, M., Rafiza, A.R., (...), Liyana, J. | Feasibility of producing wood fibre-reinforced geopolymer composites (WFRGC) | <i>Advanced Materials Research 626</i> , pp. 918-925 | |
| 25. | Zarina, Y., Al Bakri, A.M.M., Kamarudin, H., <u>Nizar, I.K.</u> , Rafiza, A.R. | Reviews on the geopolymer materials for coating application | <i>Advanced Materials Research 626</i> , pp. 958-962 | |
| 26. | Liew, Y.M., Kamarudin, H., Al Bakri, A.M.M., Bnhussain, M., Luqman, M., <u>Nizar, I.K.</u> , Ruzaidi, C.M., Heah, C.Y. | Effect of curing regimes on metakaolin geopolymer pastes produced from geopolymer powder | <i>Advanced Materials Research 626</i> , pp. 931-936 | |
| 27. | Abdulkareem, A.O., Al Bakri, A.M.M., Kamarudin, H., <u>Nizar, I.K.</u> | Lightweight fly ash-based geopolymer concrete | <i>Advanced Materials Research 626</i> , pp. 781-785 | |
| 28. | Rafiza, A.R., Mustafa Al Bakri, A.M., Kamarudin, H., Hardjito, D., <u>Nizar, I.K.</u> | Comparison of original and sintered LUSI mud from East Java, Indonesia as raw material for making a geopolymer | <i>Advanced Science Letters 19 (1)</i> , pp. 174-178 | |
| 29. | Zarina, Y., Bakri, A.M.M.A., Kamarudin, H., <u>Nizar, I.K.</u> | Review of the characterization and processing of palm ash as a geopolymer composite | <i>Advanced Science Letters 19 (1)</i> , pp. 306-308 | |
| 30. | Liew, Y.M., Kamarudin, H., Al Bakri, A.M.M., Bnhussain, M., Luqman, M., <u>Nizar, I.K.</u> , Ruzaidi, C.M., Heah, C.Y. | Properties of metakaolin geopolymeric binder | <i>Advanced Science Letters 19 (1)</i> , pp. 157-161 | |
| 31. | Abdulkareem, O.A., Bakri, A.M.M.A., Kamarudin, H., <u>Nizar, I.K.</u> | A study on the synthesis of fly ash-based lightweight aggregate geopolymer concrete | <i>Advanced Science Letters 19 (1)</i> , pp. 282-285 | |
| 32. | Heah, C.Y., Kamarudin, H., Al Bakri, M., Bnhussain, M., Luqman, M., <u>Nizar, I.K.</u> , Ruzaidi, C.M., Liew, Y.M. | General properties of kaolin geopolymers | <i>Advanced Science Letters 19 (1)</i> , pp. 153-156 | |
| 33. | Wan Mastura, W.I., Kamarudin, H., <u>Nizar, I.K.</u> , Al Bakri, A.M.M. | Mechanical performances of fly ash geopolymer bricks | <i>Advanced Science Letters 19 (1)</i> , pp. 186-189 | |
| 34. | <u>Sara, Y.Y.</u> , 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 | <i>Advanced Materials Research 620</i> , pp. 502-510 | |
| 35. | M.D. Irfan Hatim, <u>M.A. Umi Fazara</u> , A. Muhammad Syarhabil, Fahmi Ridwan | Catalytic Dehydrogenation of Methylcyclohexane (MCH) to Toluene on a Palladium/Alumina Hollow Fibre Membrane Reactor | <i>Procedia Engineering 53 (2013) 71 - 80</i> | |
| 36. | <u>Umar Kassim</u> , Luqman Walid | Awareness of the Industrialized Building System (IBS) Implementation in Northern Malaysia - A Case Study in Perlis | <i>Procedia Engineering 53 (2013) 58 - 63</i> | |

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| 37. | Irnis Azura Zakarya , Ismail Abustan, Norli Ismail, Mohd Suffian Yusoff | Production of methane gas from organic fraction municipal solid waste (OFMSW) via anaerobic process: application methodology for the Malaysian condition | Int. J. Environment and Waste Management, Vol. 12, No. 2, 2013 121 | |
| 38. | Tengku Izhar, T.N. , Mohd Odli, Z.S., Zakarya, I.A., Mohd Saad, F.N., Ibrahim, N.M., Amat, R.C., Binn, T.L. | A study on Hydrogen Sulphide as potential tracer in landfill gas monitoring | <i>Advanced Materials Research</i> 684 , pp. 189-193 | |
| 39 | Roshazita Che Amat , Norlia Mohamad Ibrahim, Khairul Rafezi Ahmad, Nur Liza Rahim, Nur Saidatul Balqish Ahmad Tajudin | Fire Resistance Of Biomass Ash Panels Used For Internal Partitions In Buildings | <i>Procedia Engineering</i> 53 (2013) 52 - 57 | |
| 40 | Razi Ahmad , Umi Fazara Md Ali, Nasrul Hamidin. | Bio-oil Product from Non-catalytic and Catalytic Pyrolysis of Rice Straw. | <i>Australian Journal of Basic and Applied Sciences</i> , 7(5): 61-65, 2013 | |
| 41 | Razi Ahmad , Umi Fazara Md Ali, Nasrul Hamidin. | Effect of Dolomite on Pyrolysis of Rice Straw. | <i>Advanced Materials Research</i> , Vol. 795 (2013) pp 170-173. | |
| 42 | Tengku Nuraiti Tengku Izhar , Nor Azam Ramli, and Ahmad Shukri Yahaya | Odour Nuisance near Semi-Aerobic Landfill: A Distance-Based Study in Malaysia | <i>International Journal of Environmental Science and Development</i> , Vol.4(1), Pages 32-36 | |
| 43 | Mohd Zulham Affandi Mohd Zahid , Debbie Robert and Fatehah Shahrin | An Evaluation of Overstrength Factor Of Seismic Designed Low Rise RC Buildings | <i>Procedia Engineering</i> , 53(13); 48-51. | - |
| 44 | Bazlul Mobin Siddique, Ida Idayu Muhamad, Anees Ahmad, Afifah Ayob , Mahamad Hakimi Ibrahim, Mohd Omar AK | Effect of frying on the rheological and chemical properties of palm oil and its blends | <i>J Food Sci Technol</i> DOI 10.1007/s13197-013-1124-6 (Springer) | |
| 45 | Shamshinar binti Salehuddin , Nur Liza Rahim, Norlia Mohamad Ibrahim and Mohd Amirul Hafiz bin Ilias | Performance of Nonwoven Geotextile As A Filter At Road Shoulder | <i>Advanced Materials Research Journal</i> | |
| 46 | S. Ragunathan , Ismail, H. & Hussin, K. | Effects of Acetic Anhydride on the Properties of Polypropylene(PP)/Recycled Acrylonitrile Butadiene(NBRr)/Rice Husk Powder(RHP) Composites | <i>Polymer-Plastics Technology and Engineering</i> 51 (15) pp.1505-1512. | 1.279 |
| 47 | S. Ragunathan , Ismail, H. & Hussin, K. | Comparison of Processing, Mechanical Properties of Polypropylene/ Recycled Acrylonitrile Butadiene Rubber/Rice Husk Powder Composites modified with Silane and Acetic Anhydride Compound | <i>Journal of Thermoplastic Composite Materials</i> February 24, 2013 as (Online) doi:10.1177/0892705712475006 | 0.75 |
| 48 | S.Ragunathan ^{1*} , S.T.Sam ¹ , N.Z.Noriman ¹ , W.A.Amneera ¹ , A.M. | Comparison of Mechanical Properties of Polypropylene/Acrylonitrile | <i>Advanced Materials Research Vol. 795 (2013) pp</i> | |

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| | Andrew ¹ , H. Ismail ² | Butadiene Rubber/Rice Husk Powder Composites modified with Silane and Acetic Anhydride Compound | xxx-xxx | |
| 49 | S.T. Sam, N.Z. Noriman, S.Ragunathan , H. Ismail | Ttensile properties LLDPE/Soya Spent Powder: Oven Aging | <i>Advanced Materials Research Vol. 795 (2013) pp 429-432</i> | |
| 50 | S.T.Sam, N.Z.Noriman, S.Ragunathan , O.H, Lin, H. Ismail, | Thermal Properties of Linear-Low Density Polyethylene (LLDPE)/Soya Spent Powder Blends with the Addition of Epoxidised Natural Rubber | <i>Advanced Materials Research Vol. 795 (2013) pp 433-437</i> | |
| 51 | Lokman Hakim, N.Z. Noriman, S.T Sam, S.A.B.Shahnaz, S. Ragunathan | Cure Characteristics and Hardness of Recycled Latex Catheter (LCr) filled Standard Malaysia Rubber (SMR L) Compounds | <i>Advanced Materials Research Vol. 795 (2013) pp xxx-xxx</i> | |
| 52 | Noor M.N. , A.M. Mustafa Al Bakri, Yahaya A.S., Ramli N.A., Fitri N.F.M.Y. | Estimation of Missing Values in Environmental Data Set using Interpolation Technique: Fitting on Lognormal Distribution | <i>Australian Journal of Basic and Applied Sciences, 7(5): 336-341, 2013</i> | |
| 53 | M. Mustafa Al Bakri, Omar A. Abdulkareem, A.R. Rafiza, Y. Zarina, M.N. Norazian and H. Kamarudin | Review on Processing of Low Calcium Fly Ash Geopolymer Concrete | <i>Australian Journal of Basic and Applied Sciences, 7(5): 342-349, 2013</i> | |
| 54 | 1N. Alnur Auli, 2M. Sakinah, 1A.M. Mustafa Al Bakri, 1H. Kamarudin & M.N. Norazian | Simulation Of Xylitol Production: A Review | <i>Australian Journal of Basic and Applied Sciences, 7(5): 366-372, 2013</i> | |
| 55 | 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 | <i>Applied Mechanics and Materials Vol. 330 (2013) pp 112-116 (Scopus)</i> | |
| 56 | 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 <i>Garcinia Mangostana</i> Linn. (GML) Shells Based Activated Carbon | <i>Applied Mechanics and Materials Vol. 330 (2013) pp 136-140 (Scopus)</i> | |
| 57 | L. Nabilah Aminah , S. T. Leong, Y. S. Wong, S. A. Ong, and C. K. Kairulazam | Biodiesel Production of <i>Garcinia Mangostana</i> Linn. seeds by Two-Phase Solvent Extraction and Alkali-Catalyzed Transesterification | <i>International Journal of Chemical Engineering and Applications, Vol. 4, No. 3, June 2013</i> | |
| 58. | Noor, M.N. , A.M. Mustafa Al Bakri, Yahaya, A.S., Ramli, N.A., Fitri, NF.M.Y. | Filling Missing Data using Interpolation Methods: Study on the Effect of Fitting Distribution. | <i>Key Engineering Materials 594-595,889-895.</i> | |
| 59. | Noor, M.N. , Yahaya, A.S., Ramli, N.A., A.M. Mustafa Al Bakri | Mean imputation Techniques for Filling the Missing Observations in Air Pollutant Datase | <i>Key Engineering Materials 594-595,902-908.</i> | |
| 60. | M. Ali Umi Fazara , Ishak | Physicochemical Properties | <i>Key Engineering Materials,</i> | |

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| | Jainoo, Khairul Nizar Ismail, Kamaruddin Hussin, Muhammad Ridwan Fahmi | of Pyrolytic Carbon Black from Waste Tyres | Advanced Materials Engineering and Technology II, Trans Tech Publication, pp 178-182 | |
| 61 | Muhammad Ridwan Fahmi , Nasrul Hamidin, Che Zulzikrami Azner Abidin, M. Ali Umi Fazara, M.D. Irfan Hatim | Performance Evaluation of Okra (<i>Abelmoschus esculentus</i>) as Coagulant for Turbidity Removal in Water Treatment | Key Engineering Materials, Advanced Materials Engineering and Technology II, Trans Tech Publication, pp 226-230 | |
| 62 | Ong, S.-A. , Ho, L.-N., Wong, Y.-S., Zainuddin, A. | Adsorption Behavior of Cationic and Anionic Dyes onto Acid Treated Coconut Coir | <i>Separation Science and Technology (Philadelphia)</i> 48 (14) , pp. 2125-2131 | |
| 63 | Abdulkareem, O.A., Mustafa Al Bakri, A.M., Kamarudin, H., Khairul Nizar, I. , Saif, A.A. | Effects of elevated temperatures on the thermal behavior and mechanical performance of fly ash geopolymer paste, mortar and lightweight concrete | <i>Construction and Building Materials</i> 50 , pp. 377-387 | |
| 64 | Mustafa Al Bakri, A.M., Abdulkareem, O.A., Kamarudin, H., Khairul Nizar, I. , Rafiza, A.R., Zarina, Y., Alida, A. | Microstructure studies on the effect of the alkaline activators of fly ash-based geopolymer at elevated heat treatment temperature | <i>Applied Mechanics and Materials</i> 421 , pp. 342-348 | |
| 65 | Abdulkareem, O.A., Mustafa Al Bakri, A.M., Kamarudin, H., Khairul Nizar, I. | Alteration in the microstructure of fly ash geopolymers upon exposure to elevated temperatures | <i>Advanced Materials Research</i> 795 , pp. 201-205 | |
| 66 | Ahmad, R. , Hamidin, N., Md Ali, U.F. | Effect of dolomite on pyrolysis of rice straw | <i>Advanced Materials Research</i> 795 , pp. 170-173 | |
| 67 | Maniam, G.P., Hindryawati, N., Nurfitri, I., Jose, R., Ab. Rahim, M.H., Dahalan, F.A. , M. Yusoff, M. | Decanter cake as a feedstock for biodiesel production: A first report | <i>Energy Conversion and Management</i> 76 , pp. 527-532. (2013) | IF: 2.775 5 Yr IF: 3.075 |
| 68 | Khalilah Abdul Khalil, Rosfarizan Mohamad, Arbakariya B. Ariff, Yamin Shaari, Yazid Abdul Manap, Siti Aqlima Ahmad, Farrah Aini Dahalan and S. Mustafa. | Optimization of Milk-Based Medium for Efficient Cultivation of <i>Bifidobacterium pseudocatenulatum</i> G4 Using Face Centered Central Composite-Response Surface Methodology (FCCD-RSM) | Accepted November 2013: <i>Biomedical Research International</i> XX:XXX-XXX. (2013) | 2.880 |
| 69 | S.T. Sam, N.Z. Noriman, S.Ragunathan , H. Ismail. | Tensile properties LLDPE/Soya Spent Powder: Oven Aging; | <i>Advanced Materials Research Vol. 795 (2013) pp 429-432</i> | |
| 70 | S.T.Sam, N.Z.Noriman, S.Ragunathan , O.H, Lin, H. Ismail, | Thermal Properties of Linear-Low Density Polyethylene (LLDPE)/Soya Spent Powder Blends with the Addition of Epoxidised Natural Rubber; | <i>Advanced Materials Research Vol. 795 (2013) pp 433-437</i> | |
| 71 | Lokman Hakim, N.Z. Noriman, S.T Sam, S.A.B.Shahnaz, S. Ragunathan , | Cure Characteristics and Hardness of Recycled Latex Catheter (LCr) filled Standard Malaysia Rubber (SMR L) Compounds. | <i>Advanced Materials Research Vol. 795</i> | |
| 72 | S.Ragunathan ^{1*} , Azlinda A.G ¹ , S.T.Sam. | Polypropylene/Acrylonitrile Butadiene Composites | Key Engineering Material | |

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| | | containing rice husk powder: Effects of <i>trans</i> -polyoctylene rubber (TOR) | | |
| 73 | Mustaqqim Abdul Rahim ^{1, a} , Zuhayr Md Ghazaly ^{1, b} , Ragunathan Santiago ¹ | The Behaviours Of Steel Fiber As Main Reinforcement In High Performance Slurry Infiltrated Fiber Reinforced Concrete. | Key Engineering Material | |
| 74 | S.T.Sam S.Ragunathan , | Tensile and Morphological Properties of Low Density Polyethylene/ Spear Grass Composites | Key Engineering Material | |
| 75 | Yee-Shian Wong , Tjoon Tow Teng, Soon-An Ong, M. Norhashimah, M. Rafatullah and Jing-Yong Leong | Methane Gas Production from Palm oil wastewater- An Anaerobic Methanogenic Degradation Process in Continuous Stirrer Suspended Closed Anaerobic Reactor | Journal of the Taiwan Institute of Chemical Engineers (Elsevier) Article In Press. (2013) http://dx.doi.org/10.1016/j.jtice.2013.10.002 | (Impact Factor: 2.084) |
| 76 | Ain Nihla Kamarudzaman , Tay Chia Chay, Mohd Faizal Ab Jalil and Suhaimi Abdul Talib | Biosorption of Iron (III) from Aqueous Solution using <i>Pleurotus ostreatus</i> Spent Mushroom Compost as Biosorbent. | Advanced Materials Research. Vol. 781-784 (2013), pp. 636-642. | |
| 77 | Ain Nihla Kamarudzaman , Alice Dandun Anak Gana, Mohd Faizal Ab Jalil and Roslaili Abdul Aziz | Landfill Leachate Treatment Using SSF-FWS Constructed Wetland Planted with <i>Limnocharis Flava</i> and <i>Eihornia Crassipes</i> under Different Hydraulic Loading Rate. | Key Engineering Material, Vol. 594-595 (2013), pp 344-349. | |
| 78 | Rahim, N.L. , Salehuddin, S., Ibrahim, N.M., Amat, R.C., Ab Jalil, M.F. | Use of plastic waste (high density polyethylene) in concrete mixture as aggregate replacement | Advanced Materials Research 701 , pp. 265-269 | |
| 79 | Nur Liza Rahim , Norlia Mohamad Ibrahim, Shamshinar Salehuddin, Roshazita Che Amat, Syakirah Afiza Mohammed, Cik Roziana Hibadullah | The Utilization of Aluminum Waste As Sand Replacement In Concrete | Advanced Materials Research | |
| 80 | Norazian, M.N. , Yahaya, A.S., Ramli, N.A., Yusof, N.F.F.M., Abdullah, M.M.A | Roles of Imputation Methods for Filling the Missing Values: A Review | Advances in Environmental Biology, 7(12) October Special issue (2013), 3861-3869 | |
| 81 | M.R. Taha, A. H. Ibrahim | Characterization of nano zero-valent iron (nZVI) and its application in sono-Fenton process to remove COD in palm oil mill effluent | Journal of Environmental Chemical Engineering 2 (2014) 1–8 (Elsevier) | |

Proceedings - Seminars – Conferences

| No. | Author(s) | Title | Publisher |
|-----|--|---|---|
| 1 | L. Nabilah Aminah , and Jamaliah Md Jahim | Immobilization of thermophilic hydrogen producing bacteria from a mixed culture | International Conference : Alternative Energy in Developing Countries and Emerging Economies 2013 (AEDCEE 2013) |

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| 2 | Yee-Shian Wong ; Tjoon-Tow Teng; Soon-An Ong; M. Norhashimah; M. Rafatullah; Hong-Chen Lee | Anaerobic Acidogenesis Biodegradation of Palm Oil Mill Effluent Using Suspended Closed Anaerobic Bioreactor (SCABR) at Mesophilic Temperature | 2013 International Symposium on Environmental Science and Technology, Dalian China |
| 3 | Tjoon-Tow Teng; Yee-Shian Wong ; Soon-An Ong; M. Norhashimah; M. Rafatullah; Hong-Chen Lee | Start-up Operation of Anaerobic Degradation Process for Palm Oil Mill Effluent in Anaerobic Bench Scale Reactor (ABSR) | 2013 International Symposium on Environmental Science and Technology, Dalian China |
| 4 | M. R. Taha and A. H. Ibrahim | Nano zero valent iron: Characterization and its capability as a ferrous ion (Fe ²⁺) source in sono-Fenton process. | EnvironmentAsia International Conference 2013 (EAIC 2013) |
| 5 | K. Sundaraj, S. Sahudin , M.Y.Ismail. | A Proposition to Measure Program Outcomes (POs) in Engineering Education. | Federation of Engineering Institutions of Islamic Countries (FEIC2013), Madinah, Saudi Arabia. |
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