**Daftar Isi**

**Volume 40, October 2017**

|  |  |
| --- | --- |
| Auditor………………………………………………………………………………………………………………....... | i |
| Daftar isi……………………………………………………………………………………………………………….... | ii |
| 1. **Senthilvel Santhakumar, Ilamathi Palanivel, Krishnanand Venkatasubramanian**, A Study on the Rotational Behaviour of a Savonius Wind Turbine in Low Rise Highways During Different Monsoons………………
 | 1-10 |
| 1. **Fetra J. Andriamanohiarisoamanana, Aya Saikawa, Kumiko Tarukawa, Guangdou Qi, Zhifei Pan, Takaki Yamashiro, Masahiro Iwasaki, Ikko Ihara, Takehiro Nishida, Kazutaka Umetsu**, Anaerobic Co-Digestion of Dairy Manure, Meat and Bone Meal, and Crude Glycerol Under Mesophilic Conditions: Synergistic Effect and Kinetic Studies…………
 | 11-18 |
| 1. **Aiymgul Kerimray, Luis Rojas-Solórzano, Mehdi Amouei Torkmahalleh, Philip K. Hopke, Brian P. O Gallachoir**, Coal Use for Residential Heating: Patterns, Health Implications and Lessons Learned……
 | 19-30 |
| 1. **Jana Muller, IndradipMitra, Theresa Mieslinger, Richard Meyer, Kaushal Chhatbar, S. Gomathinayagam, G. Giridhar**, Towards Building Solar in India - a Combined Mapping and Monitoring Approach for Creating a New Solar Atlas…………………………………………………………………………
 | 31-40 |
| 1. **Sanghyeon Jeon, Bumsuk Kim, Jongchul Huh**, Study on Methods to Determine Rotor Equivalent Wind Speed to Increase Prediction Accuracy of Wind Turbine Performance Under Wake Condition………………………………….
 | 41-49 |
| 1. **Nattapong Tuntiwiwattanapun, Parnuwat Usapein, Chantra Tongcumpou**, The Energy Usage and Environmental Impact Assessment of Spent Coffee Grounds Biodiesel Production by an In-Situ Transesterification Process……………………………………………………………………….
 | 50-58 |
| 1. **Eric Serge Kenda, Kokouvi Edem N’Tsoukpoe, IgorW.K. Ouedraogo, Yezouma Coulibaly, Xavier Py, Fabrice Marie Armel W. Ouedraogo**, Jatropha Curcas Crude Oil as Heat Transfer Fluid or Thermal Energy Storage Material for Concentrating Solar Power Plants…………………………………
 | 59-67 |
| 1. **Tania Berger**, Practical Constraints for Photovoltaic Appliances in Rural Areas of Developing Countries: Lessons Learnt from Monitoring of Stand-Alone Systems in Remote Health Posts of North Gondar Zone, Ethiopia……
 | 68-76 |
| 1. **Damilola Felix Arawomo**, Electricity Billing Systems and Household Electricity Use Behaviour in Ibadan, Nigeria………………………………………………….
 | 77-84 |
| 1. **Adi Ainurzaman Jamaludin, Noor Zalina Mahmood, Zul Ilham**, Performance of Electricity Usage at Residential College Buildings in the University of Malaya Campus………………………………………………………………………….
 | 85-102 |
| 1. **Aristide Dejean, IgorW.K. Ouedraogo, Sylvie Mouras, Jeremy Valette, Joel Blin**, Sheanut Shell Based Catalysts for the Production of Ethanolic Biodiesel……………………………………………………………………………………………………………
 | 103-111 |
| 1. **Roger Bar, Andreas Heinimann, Albrecht Ehrensperger**, Assessing the Potential Supply of Biomass Cooking Fuels in Kilimanjaro Region Using Land Use Units and Spatial Bayesian Networks…………………………………………….
 | 112-125 |
| 1. **David Cook, Brynhildur Daviosdottir, Daoi Mar Kristofersson**, An Ecosystem Services Perspective for Classifying and Valuing the Environmental Impacts of Geothermal Power Projects………………………………….
 | 126-138 |