

**LIST OF FULL PAPER**

| No | Paper ID | Main Author                 | Co-Author                        | Title paper  | Status | Theme                        |
|----|----------|-----------------------------|----------------------------------|--|--------|------------------------------|
| 1  | 101      | A. Rashidi Mehrobadi        | 2) N. Kardani<br>3) M. Fazeli2   | Investigation of Water Disinfection Efficiency using Titanium Dioxide (TiO <sub>2</sub> ) in Penetrable to |        | Drinking Water               |
| 2  | 102      | Shreeshivadas an Chelliapan | 2) Paul Sallis                   | Biotreatment of Antibiotic Wastewater by Sequential Anaerobic-Aerobic Reactor                              | CANCEL | Water and Wastewater         |
| 3  | 104      | Marjan Ghanbariana          | 2) Amir Hossein                  | Mineralization of textile dye RO16 and toxicity bioassay using Daphnia Magna                               |        | Water Reuse and              |
| 4  | 105      | Marjan Ghanbarian           | 2) Amir Hossein                  | Mineralization and discoloration of textile wastewater by  |        | Water and Wastewater         |
| 5  | 108      | ALI HADI GHAWI              | Abbas A. Al-Jeebory              | Improvement Performance of Secondary Clarifiers In Iraq  |        | Water and Wastewater         |
| 6  | 110      | Yap Pow Seng                | 2) M. Lim<br>3) M.               | and photocatalytic degradation of recalcitrant organics under solar light: Insights and outlook            |        | Water and Wastewater         |
| 7  | 113      | taimur khan                 | 2) M. Chaudhuri                  | Removal of Disperse Red 343 from Aqueous Solution by Coconut Coir Activated Carbon                         |        | Water and Wastewater         |
| 8  | 114      | Muhammad @ S A Khushren     | 2) A. EL-Shafie<br>3) O. Karim   | Performance Improvement of Artificial Neural Network (ANN)   |        | Water Resources              |
| 9  | 115      | MARINE IVANYAN              |                                  | Nitrogen and Phosphorus Entry into Lake Sevan from Point and   |        | Points Sources and Non-Point |
| 10 | 116      | Mohamad Ashari bin          | 2) Supiah binti Samsudin         | Evaluating Floodplain Management Alternatives Using Multi Criteria Decision Making Methods                 |        | Water Resources              |
| 11 | 119      | Ali A. Najah                | 2) El-Shafie<br>3) O. A. Karim   | An Augmented Wavelet - Neuro-Fuzzy Module for Enhancing Water Quality Prediction                           |        | Water Resources              |
| 12 | 121      | Audrey Caron Rumamby        |                                  | The Operation and Maintenance of Pulsator Technology at 3000 l/s Cisadane Drinking                         | CANCEL | Water and Wastewater         |
| 13 | 123      | ARMINE HAYRAPETYA           |                                  | The zooplankton of the source of river Hrazdan   |        | Water Resources              |
| 14 | 124      | Zhanna Mkrtchyan            |                                  | Ciliates as Water Quality Bioindicator Species of Lake Sevan and Its Tributaries                           |        | Water Resources              |
| 15 | 127      | Chung-Hsin Wu               | C.R. Jhan                        | Decolorization of Textile Wastewater by UV/Oxidant Systems   |        | Water and Wastewater         |
| 16 | 132      | Nur Firdaus Bin Mohd        |                                  | Overcoming Pressure Deficiency in Sungai Rengit Water Distribution System                                  |        | Water Supply                 |
| 17 | 139      | O. A. Nnene                 | 2) I. Okoye<br>3) J. C.          | Design and Construction of a Water Conservation System   |        | Water and Wastewater         |
| 18 | 145      | Hady Zarei Mahmoodabad      | 1) A. Mirhosiny<br>2) Fa. Hazery | Investigation the Effect of Industrial Development on Groundwater Pollution in Arid                        |        | Sanitation                   |
| 19 | 146      | Ani Idris                   | 2) Mazaitul Asmah Limin          | The Use of Polyethersulfone /Lithium bromide/ Dimethylformamide hollow fiber membranes                     |        | Water and Wastewater         |
| 20 | 147      | Ani Idris                   | 2) Effaliza Misran               | Magnetic Nanoparticle Beads and Characterization for Zinc Removal  |        | Water and Wastewater         |
| 21 | 148      | Khairiraihanna Johari       | 1) N. Saman<br>2) H. B. Mat      | Removal of Mercury (II) from Aqueous Solution by Adsorption Using Lignocellulosic Coconut                  |        | Water and Wastewater         |
| 22 | 149      | Norasikin Saman             | 1) K. Johari<br>2) H. B. Mat     | The Used of Coconut Husk (Fiber and Pitch) as a Biosorbent for Silver Ion Recovery from                    |        | Water and Wastewater         |
| 23 | 158      | Sara Shaeri Karimi          | 2) A. Yasi<br>3) M. Yasi         | Evaluation of Environmental Flows in a River Reach   |        | Water Resources              |
| 24 | 161      | Lee Jin Kuang               | W. A. Ahmad                      | Removal of Phenol Using Immobilized bacterial Consortium on Rubber Wood                                    |        | Water and Wastewater         |
| 25 | 163      | Mohammad Karamouz           | 1) M. A. Sherafat                | Application of Multi-objective Particle Swarm Algorithm for Optimal Water Allocation from                  |        | Water Resources              |
| 26 | 164      | Mohammad Karamouz           | 1) M. S. Semsar Yazdi            | Climate Change Impacts on Crop Water Requirements  |        | Impact of Climate Change     |
| 27 | 165      | Goh Yee Cai                 | Z. Yusop                         | Optimization of Rainfall Observation Network in Klang Valley   |        | Advanced Analytical          |
| 28 | 167      | Ong Ying Hui                | B.P LEE<br>A.S.M. Chua           | Occurrence of Sludge Granulation in an Enhanced Biological   |        | Water and Wastewater         |

|    |     |                                      |  |   |                      |
|----|-----|--------------------------------------|--|---|----------------------|
| 29 | 169 | A. Idris                             | Nor Diana Mohd Noor                                      | The Effect of Salt Additives on Polyethersulfone (PES) Ultrafiltration Membranes Prepared by    | Water and Wastewater |
| 30 | 176 | F.A. Dahalan <sup>1</sup>            | A. Nor Anuar <sup>1</sup> , Z. Z. Noor <sup>1</sup> , Z. | Photosynthetic Aerobic Granular Sludge:   | Water and Wastewater |
| 31 | 177 | Khalida Mudaa*                       | Azmi Arisa, Razman Mohd                                  | Facultative Granular Sludge as Compact Treatment System for                                     | Water and Wastewater |
| 32 | 178 | Muzaffar Zainal Abideen              | Azmi Aris <sup>1</sup> , Fadhilah                        | Optimisation of Coagulation Process in Water Treatment Plant Using One-Factor-at-A-             | Water and Wastewater |
| 33 | 179 | Salmiati                             | Z. Ujang, and M.R. Salim                                 | Process Development to Produce Polyhydroxyalkanoates (PHAs) from Fermented                      | Water and Wastewater |
| 34 | 186 | Nurul Adibah Nubahari                | Fadhilah Yusof <sup>2</sup> , Zulkifli                   | A STUDY ON RAINFALL DISAGGREGATION FOR SG. JOHOR, SG. DAMANSARA AND KELANTAN                    | Advanced Analytical  |
| 35 | 188 | Tan Wei Lun                          | Fadhilah Yusof <sup>1</sup> , Zulkifli                   | FITTING OPTIMUM ORDER OF MARKOV CHAIN MODELS FOR HOURLY RAINFALL FOR JOHOR,                     | Advanced Analytical  |
| 36 | 194 | Marjan Ghanbarian                    | Amirhossein Mahvi  | Photocatalytic Degradation Of Textile Dye RO16 and Toxicity Bioassay                            | Water Reuse and      |
| 37 | 196 | Z.A. Zakaria                         | W.A.Ahmad A.Khasim                                       | Pilot-scale Removal of Chromium from Industrial Waswater Using the                              | Water and Wastewater |
| 38 | 199 | Supiah Shamsudin                     | Azmi Ab Rahman   | Uncertainty Analysis of HEC-HMS Model Parameters For Sourthern Malaysia                         | Advanced Analytical  |
| 39 | 202 | Ani Idris                            | Nursia Hassan  | Magnetic Ferro-Photo Gels for Synergistic Chromium (VI) Reduction: Effect of Catalyst           | Water and Wastewater |
| 40 | 204 | X.Ythian                             | Mohd Fadhil. Md.D., Zubair                               | Review on algae cultivation for energy and biodiesel production                                 | Water and Energy     |
| 41 | 205 | Noor Fairuzah Mohd Asnawi            | Norsalinda Yusuf, Mohd                                   | Investigation of Lab-Scale of Hybrid-Sequencing Batch Reactor (H-SBR) in Enhancement of         | Water and Wastewater |
| 42 | 206 | Suzana Ramli                         |  | Radar Hydrology: Overview of Z/R Development for Quantitative Precipitation Estimation (QPE)    | Water Resource       |
| 43 | 208 | Norhayati Abdullah                   | Z. Ujang, T. Curtis, A.                                  | Formation of aerobic granular sludge with palm oil mill effluent (POME)                         | Water and Wastewater |
| 44 | 209 | Nurul Izza Mat Saat                  | A. Yahya, Z. Ibrahim                                     | Bioremediation of Palm Oil Mill Effluent (POME) by MicroClear (PI 20092387)                     | Water and Wastewater |
| 45 | 213 | Jin Woo Cho                          | Tai Hak Chung Zubair Ahmed                               | Development of mathematical tool for prediction of yield and rate of extraction of              | Water and Wastewater |
| 46 | 216 | Erna Yuliwati                        | hmad Fauzi Isma  | PVDF-TiO <sub>2</sub> Submerged Hollow Fiber Mambrane in Refinery Produced Wastewater Treatment | Water and Wastewater |
| 47 | 217 | adzlin Md. Saira                     | Mohd Fadhil Md Din                                       | Development of Technical Options for a Sustainable Sanitation System in Small Village           | Water and Wastewater |
| 48 | 218 | Emad S. Elmolla                      | Malay Chaudhuri  | Effect of Fenton operating conditions the performance of the Fenton-SBR process for             | Water and Wastewater |
| 49 | 220 | A. Norzaida                          | M.D. Zalina Y. Fadhilah                                  | Fitting an Hourly Spatial Temporal Rainfall Model to a Tropical Urban Catchment                 | Advanced Analytical  |
| 50 | 221 | Ho Ming Kang                         | Fadhilah Yusof   | Homogeneity Testing on the Daily Rainfall Series in Peninsular Malaysia                         | Advanced Analytical  |
| 51 | 222 | K.C. Chen                            | Y.H. Wang <sup>1</sup> , C.C. Wu <sup>2</sup> ,          | The Combination of Catalytic Ozonation and Fluidized Bed Treatment for the Control of DBPs      |                      |
| 52 | 228 | T.Y. Pai                             | Y.T. Tung <sup>b</sup> , C.F. Chiang <sup>c</sup> , T.J. | Using seven types of GM (1, 1) model to predict suspended solids and chemical oxygen demand     |                      |
| 53 | 229 | Z. B. Handani                        | S. R. Wan Alwi <sup>1</sup> , H.                         | An MILP Model for Holistic Design of Minimum Water Network                                      |                      |
| 54 | 230 | Yi-Ti Tung <sup>a</sup> , Tzu-Yi Pai |  | A Practical Evaluation for Education and Management Priority of River Watch Volunteer           |                      |
| 55 | 232 | M. Golestanbagh,                     | I. S. Ahamad, A. Idris and R.                            | Influence of Storage Shelled Moringa Oleifera Seeds According to Pick Time on Coagulation       |                      |
| 56 | 233 | Joomizan Noordin                     | Md. Hazrat Ali* and Sobri                                | Reservoir Storage Simulation and Forecasting Models for Muda Irrigation Scheme, Malaysia        |                      |
| 57 | 234 | Ani Shabri                           | Ruhaidah Samsudin and                                    | River Flow Forecasting Using Group Method of Handling   |                      |
| 58 | 235 | Md Hazrat Ali                        | Md. Hazrat Ali <sup>1</sup> , Aysha                      | Assessing the Halda River Flow in the Contexts of Flood and Fish Habitat                        |                      |
| 59 | 237 | Sutharat Muenmee                     | Wilai Chiemchaisri <sup>2</sup> ,                        | Bioremediation of Thiobencarb in Contaminated Soil via  |                      |
| 60 | 239 | Zulkifli Ahmad                       | Zaini Ujang Gustaf Olsson                                | Biomass Effect on Membrane Fouling Using a Hybrid Membrane Bioreactor for Palm Oil Mill         |                      |
| 61 | 240 | Muhammad Taufiq                      | Johan Sohaili  | ELECTROCOAGULATION FOR SUSPENDED SOLID REMOVAL IN DOMESTIC WASTEWATER                           |                      |