

JOURNAL OF OIL PALM RESEARCH

Vol. 32 (1) March 2020

CONTENTS

REVIEW ARTICLE

1	Decolourisation of Palm Oil Mill Effluent (POME) Treatment Technologies: A Review
-	Syahin, M S; W A Wan Ab Karim Ghani and Loh, S K

RESEARCH ARTICLES

- Gas Exchange Characteristics and Chlorophyll Pigment of Oil Palm Seedlings under Influence of Bioinoculants Suneetha, V; Ramachandrudu, K and Suresh, K
- Principal Component and Cluster Analyses on Tanzania Oil Palm Elaeis guineensis Jacq. Germplasm Suzana, M; Zulkifli, Y; Marhalil, M; Rajanaidu, N and Meilina Ong-Abdullah
- Modelling Hourly Air Temperature, Relative Humidity and Solar Irradiance over Several Major Oil Palm Growing Areas in Malaysia
 Cheah See Siang; Christopher Teh Boon Sung; Mohd Razi Ismai and Mohd Rafii Yusop
- Variations in Fatty Acid Profiles, Oil and Moisture Content During Fruit Ripening in Oil Palm Crosses Grown in India under Sub-tropical Environment Suresh, K and Sanjib Kumar Behera
- Density and Diversity of Nocturnal Birds in Oil Palm Smallholdings in Peninsular Malaysia Muhammad Syafiq Yahya; Chong Leong Puan; Sharifah Nur Atikah and Badrul Azhar
- Scale-up Study on the Supercritical Carbon Dioxide Sterilisation of Oil Palm Fresh Fruit Bunch
 Tengku Norsalwani, T L; Md Sohrab Hossain; Abdul Khalil, H P S; Fatehah M Omar; Azhar M Easa; Asmah M
 Sofian and Mohd Omar, A K
- 75 Characterisation of Physico-chemical and Antioxidant Properties of Oil Palm Trunk Saps as Affected by the Storage Time in Comparison to Nipa Sap Syazana Sulaiman; Shima Jafarzadeh and Fazilah Ariffin
- Alteration in Colour and Fungal Resistance of Thermally Treated Oil Palm Trunk and Rubberwood Particleboard Using Palm Oil

 Lee, S H; Zaidon, A; Rasdianah, D; Lum, W C and Aisyah, H A
- Comparative Assessment of Thermal Resistance of Palm Stearin and High Oleic Blended Oil When Subjected to Frying Practice in Fast Food Restaurants

 Mingming Hu; Kailin Pan; Yueting Niu; Shiqing Chen; Jun Hao Yoong; Azmil Haizam Ahmad Tarmizi and Guowen Zhang
- Are Characteristics of Soft Palm Stearins Similar to Soft Palm Mid Fractions?
 Sivaruby Kanagaratnam; Noor Lida Habi Mat Dian; Rafidah Abd Hamid; Nur Haqim Ismail; Wan Rosnani Awg Isa; Norazura Aila Mohd Hassim; Zaliha Omar and Miskandar Mat Sahri
- 117 Production of Palm-based Glycol Ester via Autocatalytic Esterification Noor Azeerah Abas; Rozita Yusoff; Haliza Abdul Aziz and Zainab Idris
- Corrosion Inhibition, Adsorption Behaviour and Thermodynamic Properties of N-Cinnamalidene Palmitohydrazide on Mild Steel in Hydrochloric Acid Solution

 Noor Khairin Mohd; Shoot-Kian Yeong; Nor Azowa Ibrahim; Siti Mariam Mohd Nor; Chung-Hung Chan; Sook-Wah Tang; Wen-Huei Lim and Zainab Idris

SHORT COMMUNICATION

- 139 Potassium Nutrition in the Oil Palm: A Molecular Perspective Mohd Naqiuddin; Nyuk Ling Ma and Meilina Ong-Abdullah
- Assessment of Social Return on Investment from the Utilisation of Oil Palm's Residues Wisakha Phoochinda
- 152 Screening of Organogelators for Structuring Palm Superolein Saw, M H; Lim, W H; Yeoh, C B; Badlishah Sham Baharin and Tan, C P