

JURNAL KEJURUTERAAN

Jurnal Kejuruteraan 32(2) Ogos 2020

e-ISSN : 2289-7526

- Recent Applications of Residual Stress Measurement Techniques for FSW Joints:
A Review 357
Mustafa Ali A. Glaisa, Mohammed Asmael & Qasim Zeeshan
- Perkembangan Teknologi Antena Solar: Satu Tinjauan
(Development of Solar Antenna Technology: A Review) 373
*Nur Izzati binti Mohd Ali, Mohd Fais bin Mansor, Norbahiah binti Misran, Mohd
Faizal bin Jamlos & Radial Anwar*
- Theory and Development of Magnetic Flux Leakage Sensor for Flaws Detection: A
Review 385
Nor Afandi Sharif, Rizauddin Ramli, Mohd Zaki Nuawi & Abdullah Zawawi Mohamed
- Evaluation of Bond Strength between Ultra-High-Performance Concrete and Normal
Strength Concrete: An Overview 397
Abdulwarith Ibrahim Bibi Farouk & S.I. Haruna
- User-friendly Streets for a Walkable, Liveable and Sustainable Environment: A
Review 409
Omar Abdulwahhab Khalaf & Nor Haslina Ja`afar
- Effect of Different Condition on Voltage Generation and Thermal Gradient from Road
Pavement Using Thermoelectric Generator 415
*Muhammad Syadza Sharuddin, Azdiana Md. Yusop, Ahmad Sadhiqin Mohd Isira, &
Khairun Nisa Khamil*
- Modeling the Reaction and Transport Mechanism for Total Petroleum Hydrocarbon
Using Selected Linear and Nonlinear Error Functions 423
Ehizonomhen Solomon Okonofua, Kayode Hassan Lasisi & Sunday Egbiki

Analisis Risiko bagi Aset Sistem Pembetulan Menggunakan Analisis Spatial (Risk Analysis for Sewerage System using Spatial Analysis) <i>Nurshuhada Abd Sukor, Zubaidi Daud & Zakri Tarmidi</i>	431
Using Relative Importance Index Method for Developing Risk Map in Oil and Gas Construction Projects <i>Mukhtar A. Kassem, Muhamad Azry Khoiry & Noraini Hamzah</i>	441
Ultra-Wideband Planar Antenna with Notched-Band for WIMAX, WLAN and MSAT Applications <i>Siti Fatimah Jainal, Norliza Mohamed, Azura Hamzah & Suhaila Subahir</i>	455
Evaluation of Most Influential Factors Affecting Road Traffic Accidents in Sidon, Lebanon <i>Faisal Karim & Shaban Ismael Albrka Ali</i>	467
Kajian Parametrik Analisis Terma Bumbung Menggunakan Teknik Berangka (Parametric Study of Roofing Thermal Analysis Using Numerical Method) <i>Muhamad Zahin Mohd Ashhar, Lim Chin Haw & Ivan Loo</i>	475
Performance of Steel Plate Girders with Inclined Stiffeners <i>M. Y. M. Yatim, M. R. Azmi & M. Mukhlisin</i>	485
Kesan Kepaduan Rotor Terhadap Prestasi Kuasa Turbin Angin Paksi Menegak (Effect of Solidity on Power Performance of Vertical Axis Wind Turbine) <i>Muhamad Fadhli Ramlee, Ahmad Fazlizan & Sohif Mat</i>	493
Prominent Region of Interest Contrast Enhancement for Knee MR Images: Data from the OAI <i>Joyce Sia Sin Yin, Tan Tian Swee, Azli Bin Yahya, Matthias Tiong Foh Thye, Kelvin Ling Chia Hiik, Leong Kah Meng, Tan Jia Hou, Sameen Ahmed Malik, Hum Yan Chai, Khairil Amir Bin Sayuti & Ahmad Tarmizi Musa</i>	501
Performance Evaluation of Tubular Ceramic Membrane for Palm Oil Mill Effluent Treatment <i>Wei Lun Ang, Thiviyah Balakrishnan, Thivagaran Veeraiya, Mohammad Haiqal Mohammad Elham, Muhammad Sharafii Faidzal Adlee & Takahiro Fujioka</i>	513
Pedestrian Behavioural Intention to Use Crossing Facilities Based on Extended Theory of Planned Behaviour <i>Komala Devi Sundararajan, Kamarudin Ambak, Basil David Daniel, Siti Zaharah Ishak & Leksmmono Suryo Putranto</i>	523

The Evolvement of Mechanical Properties and Microstructure of Commercial Aluminum Alloy 6061 via High-Pressure Torsion <i>Cheeranan Krutsuwan Nuphairode, Intan Fadhlina Mohamed, Fauziana Lamin, Wan Fathul Hakim Wan Zamri, Mohd Zaidi Omar & Zenji Horita</i>	531
Geospatial Information System Based on Indoor Plan UKM (FKAB) <i>Zikrul Hakiem Bin Ishak, Sallehuddin Mohamed Haris & Wang Long</i>	539
Kajian Masa untuk Memenuhi Piawaian Masa dalam Pemasangan Manual Pengeluaran Televisyen (Time Study to Establish Standard Time in a Television Manual Assembly Production) <i>Norliza Bt. Mohd Ali, Nizaroyani Saibani, Hawa Hishamuddin , Mohd Nizam Ab Rahman & Hasan Balfaqih</i>	551