

# JOURNAL OF MECHANICAL ENGINEERING

*An International Journal*

Vol 15 (2)	15 December 2018	ISSN 1823-5514	eISSN 2550-164X
------------	------------------	----------------	-----------------

1	<a href="#">Quality Green Energy Supply Chain Management Practices in Malaysian</a> <i>Argustina Zainuddin, Nur Asiah Kuzaiman, Noor Azlina Mohd Salleh*, Salmiah Kasolang, and Joerg Hoffmann*</i>	1
2	<a href="#">Application of Cryogenic Grinding for Filler Preparation in the Form of Coconut Nanocomposites into the Thermoplastic Matrix with the Evaluation of Properties while Using Different Types of MAgPP Coupling agents</a> <i>Petr Lenfeld, Luboš Běhálék, and Martin Borůvka</i>	13
3	<a href="#">Foot Strike Pattern in Sport Shoes with Different Construction</a> <i>Soňa Jandová</i>	29
4	<a href="#">Performance of Shallow Borehole of spiral-Tube Ground Heat Exchanger</a> <i>Jalaluddin, Rustan Tarakka and Akio Miyara</i>	41
5	<a href="#">Thermal Properties Characteristics of MWCNT-OH Based Nanofluids in Mixture of Ethylene Glycol and Deionized Water</a> <i>Amirah Abdullah*, Imran Syakir Mohamad, Nor Azmmi Masripan, Syazwani Zainal Abidin, and Ahmad Yusairi Bani Hashim</i>	53
6	<a href="#">Low Cycle Fatigue of Hybrid Woven Kenaf Fiber Reinforced Epoxy Composite with 1% Addition of Silica Aerogel</a> <i>Chok., E.Y.L* and Majid., D.L.A.A</i>	73
7	<a href="#">Hardness, Tensile and Microstructure Assessment of Carbon/Glass Hybrid Composite Laminate</a> <i>Ahmad Fuad Ab Ghani* and Jamaluddin Mahmud</i>	91
8	<a href="#">Virtual Manufacturing for Prediction of Martensite Formation and Hardness Value induced by Laser Welding Process using Subroutine Algorithm in MSC Marc/Mentat</a> <i>Omar Yahya, Yupiter HP Manurung*, Mohd Shahar Sulaiman, Keval P Prajadhiana, Abdul Rahman Omar, Wahyu Kuntjoro, Henning van Werde, Alexander Bauer, and Marcel Graf</i>	107
9	<a href="#">PLC System to Optimize Training Device of Upper Limb Spasticity</a> <i>Nurul Atiqah Othman, Noor Ayuni Che Zakaria*, Mohd Hanif Mohd Ramli, Fazah Akhtar Hanapiah, Yee Jingye, Low Cheng Yee, and Komeda Takashi</i>	127

- 10 [Dispersion Stability of hBN Nanoparticle in Liquid Phase with Different Dispersion Agents](#) 143  
*Al Alif Elmi bin Mohd Nawi\**, *Muhammad Ilman Hakimi Chua Abdullah*, and *Mohd Fadzli bin Abdollah*
- 11 [An Experimental Investigation of Tensile Properties and Fatigue Crack Growth Behaviour for Dual-Phase Steel](#) 155  
*Roslinda Idris*, *Shahrums Abdullah\**, *Prakash Thamburaja*, and *Mohd. Zaidi Omar*
- 12 [Development and Analysis of Face Recognition System on a Mobile Robot Environment](#) 169  
*Jit Shen Quah* and *Mariam Md Ghazaly\**