

Publications:

- 1.Elwaleed Awad Khidir, Nik Abdullah Mohamed, Sallehuddin Mohamed Haris. 2012. Geometrical Amplification of SMA Actuator Displacement Using Externally Actuated Beam. *Sensors & Transducers*. 144(9): 92-100.
- 2.Elwaleed Awad Khidir, Nik Abdullah Nik Mohamed, Mohd Jailani Mohd Nor and Mohd Marzuki Mustafa. 2008. A New Method for Actuating Parallel Manipulators. *Journal of Sensors and Actuators A (Elsevier)*. 147(2): 593-599
- 3.Elwaleed Awad Khidir, Nik Abdullah Nik Mohamed, Mohd Jailani Mohd Nor and Mohd Marzuki Mustafa. 2007. A New Concept of a Linear Smart Actuator. *Journal of Sensors and Actuators A (Elsevier)* 135(1): 244-249.
- 4.Nik A. Mohamed, A. K. Elwaleed and M. J. Mohd Nor. 2004. The Study on the Effect of Annealing Temperature on Nickel-Titanium (NiTi) Shape Memory Alloy (SMA) Transformation Temperatures. *Journal of the Institute of Materials Malaysia*. 5(1): 69 – 80.
- 5.A.K. Elwaleed, N. Nikabdullah, M.J.M. Nor, M.F.M. Tahir, R. Zulkifli. 2015. Sound absorption properties of a low-density perforated date palm fibres panel. *International Journal of Computer Applications in Technology (IJCAT)*. 52(4): 213-219.
- 6.A.K. Elwaleed, N. Nikabdullah, M.J.M. Nor, M.F.M. Tahir, M.Z. Nuawi and Y.A. Abakr. 2014. Experimental Study on the Effect of Compression on the Sound Absorption of Date Palm Fibers. *World Applied Sciences Journal (Applied Research in Science, Engineering and Management)*: 31: 40-44.
- 7.Elwaleed A. Khidir, N. Nikabdullah, M.J.M. Nor, M.F.M. Tahir, and M.Z. Nuawi. 2014. A Preliminary Study on the Sound Absorption of Self-facing Date Palm Fibers. *Journal of Applied Mechanics and Materials*, 565 (2014): 25-30.
- 8.Elwaleed Awad Khidir, Mojahed Osman Mohammed Ali, Mohammed Mustafa Ali, Mohd Faizal Bin Mat Tahir, Rozli Zulkifli. 2014. Analysis of Sound Absorption of Date Palm Fibers Based on Flow Resistivity. *Journal of Applied Mechanics and Materials*, 471(2014): 285-290.
- 9.Elwaleed Awad Khidir, Zambri Harun, Mohd Jailani Mohd Nor, Muhamad Razi. 2013. A Comparative Study of Sound Transmission Loss Provided by Glass, Acrylic and Polycarbonate. *Jurnal Teknologi* 60 (2013) 1-4.
10. Zambri Harun, Elwaleed Awad, Mohd Jailani Mohd Nor, Muhamad Razi. 2012. A Comparative Study on the Effect of Air Gap on Sound Transmission Loss Provided by Double Glazed Panels. *Journal of Applied Mechanics and Materials*, 165(2012): 242-246.

11. Elwaleed A. K., Mohd Nor M. J., Zulkifli R., M. F. Mat Tahir and Leman Z. A. 2011. Studies on Flame Retardants on Malaysian Coir Fiber. *International Journal on Advanced Science, Engineering and Information Technology*, 1(5): 541-544.
12. Yahya, M. Zohadie, D. Ahmad, A. K. Elwaleed and A.F. Kheiralla. (2007). UPM indoor tyre traction testing facility. *Journal of Terramechanics (Elsevier)*. 44(4): 293-301.
13. A.K. Elwaleed, A. Yahya, M. Zohadie, D. Ahmad and A.F. Kheiralla. (2006). Effect of inflation pressure on motion resistance ratio of a high-lug agricultural tyre. *Journal of Terramechanics (Elsevier)*. 43(2): 69-84.
14. A.K. Elwaleed, A. Yahya, M. Zohadie, D. Ahmad and A.F. Kheiralla. (2006). Net traction ratio prediction for high-lug agricultural tyre. *Journal of Terramechanics (Elsevier)*. 43(2): 119-139.