



















7. *Characterization of Process for Embedding SiC Fibers in Al 6061 O Matrix Through Ultrasonic Consolidation.* **Li, D., Soar, R.C.**, 2009, Journal of Engineering Materials and Technology, Vol. 131, p. 021016. ISSN: 0094-4289.
8. **Friel, R.J.** *Investigating the Effect of Ultrasonic Consolidation on Shape Memory Alloy Fibres.* Wolfson School of Mechanical and Manufacturing Engineering, Loughbrough University, UK. 2011. PhD Thesis.
9. *Ultrasonic Welding.* **Jones, J.B. and Powers Jr., J.J.**: American Welding Society, 1956, The Welding Journal, Vol. 35, pp. 761-766. ISSN: 0043-2296.
10. **de Vries, E.** *Mechanics and Mechanisms of Ultrasonic Metal Welding.* Ohio : Ohio State University, 2004. PhD Thesis.
11. *Influence of sonotrode texture on the performance of an ultrasonic consolidation machine and the interfacial bond strength.* **Li, D. and Soar, R.C.**,: Elsevier Inc., 2009, Journal of Materials Processing Technology, Vol. 209, pp. 1627-1634. ISSN: 0924-0136.
12. *Plastic flow and work hardening of Al alloy matrices during ultrasonic consolidation fibre embedding process.* **Li, D. and Soar, R.C.**,: Elsevier Inc., 2008, Materials Science and Engineering: A, Vol. 498, pp. 421-429. ISSN: 0921-5093.
13. **Johnson, K.** *Interlaminar subgrain refinement in ultrasonic consolidation.* Wolfson School of Mechanical and Manufacturing Engineering, Loughborough University, UK. 2008. PhD Thesis.
14. *New discoveries in ultrasonic consolidation nano-structures using emerging analysis techniques.* **Johnson, K. Edmonds, H.C. Higginson, R.L. Harris, R.A.**, : SAGE Publications, 2011, Proc. Inst. Mech. Eng. L J. Mater. Des. Appl., Vol. 225, pp. 277-287. ISSN: 2041-3076.
15. *The effect of interface topography for ultrasonic consolidation of aluminium.* **Friel, R.J. Johnson, K. Dickens, P. Harris, R.A.**, Elsevier Inc., 2010, Materials Science and Engineering: A, Vol. 527, pp. 4474-4483. ISSN: 0921-5093.
16. *A nanometre-scale fibre-to-matrix interface characterization of an ultrasonically consolidated metal matrix composite.* **Friel, R.J. and Harris, R.A.**: Sage Publications, 2010, Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, Vol. 224, pp. 31-40. ISSN: 2041-3076.