

Dr.N.BALAJI

List of International Journals published (PAST 5 YEAR PUBLICATIONS)

1. Balasubramani, S., and N. Balaji. "Investigations of vision inspection method for surface defects in image processing techniques-a review." *Advances in Natural and Applied Sciences* 10, no. 6 SE (2016): 115-120.
2. Kumar, T. Bhuvanesh, N. Balaji, and J. Esakiappan. "Intensifying the Mechanical Properties of Is-4454/1981 Spring Steel Material." *Asian Journal of Research in Social Sciences and Humanities* 6, no. 12 (2016): 681-689.
3. Subramaniam, Balasubramani, Balaji Natarajan, Balasubramanian Kaliyaperumal, and Samson Jerold Samuel Chelladurai. "Investigation on mechanical properties of aluminium 7075-boron carbide-coconut shell fly ash reinforced hybrid metal matrix composites." *China Foundry* 15, no. 6 (2018): 449-456.
4. N.Balaji., T. Bhuvanesh Kumar. "Investigation of the microstructure and mechanical properties of a Grade III Spring steel material." *Journal of the Balkan Tribological Association*, vol 24, no 4 (2018), pp.611-621.
5. Balasubramanian, Dr K., Dr N. Balaji, and E. Keerthivel Rajesh. "Mechanical Properties of Aluminum 6063 Alloy Joined by Tungsten Inert Gas Welding and Friction Stir Welding Methods." *International Journal of Emerging Technologies in Engineering Research (IJETER) Volume 6*. (2018).
6. G. Dhanraj, V. Velmurugan and N.Balaji. "Metallurgical behaviour and mechanical properties on the shielded metal arc welding and tungsten inert gas welding process of DMR 249A steel." *Journal of the Balkan Tribological Association*, vol 24, no 4 (2018), pp.622-632.
7. Subramanian, Raja, Balaji Natarajan, Balasubramanian Kaliyaperumal, and Rajendran Chinnasamy. "Effect of MIG welding process parameters on microstructure and tensile behavior of hastelloy C276 using response surface methodology." *Materials Research Express* 6, no. 6 (2019): 066540.
8. Balaji, N., S. Balasubramani, T. Ramakrishnan, and Y. Sureshbabu. "Experimental Investigation of Chemical and Tensile Properties of Sansevieria Cylindrica Fiber Composites." In *Materials Science Forum*, vol. 979, pp. 58-62. Trans Tech Publications Ltd, 2020.