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Journal Publications Details

1. Finishing performance of die-sinking EDM with ultrasonic vibration and powder addition through pulse train studies, R Rajeswari, MS Shunmugam, Machining Science and Technology, 24/2, 245-273, 2020.
2. Comparative evaluation of powder-mixed and ultrasonic-assisted rough die-sinking electrical discharge machining based on pulse characteristics, R Rajeswari, MS Shunmugam, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 233/14, 2515-2530, 2019.
3. Effect of Powder Mix and Ultrasonic Assistance on Pulse Train-Based Specific Energy in EDM of D3 Steel, R Rajeswari, MS Shunmugam, Advances in Unconventional Machining, 222-237, 2019.
4. Investigations into process mechanics of rough and finish die sinking EDM using pulse train analysis, R Rajeswari, MS Shunmugam - The International Journal of Advanced Manufacturing, 2018.
5. Comparison of Conventional, Powder Mixed, and Ultrasonic Assisted EDM by Phenomenological Reasoning, International Journal of Materials Forming and Machining Processes (IJMFMP), 5/2, 32-44, 2018.
6. AlN-TiB₂ based self-lubricating ceramic insert fabricated by spark plasma sintering for dry turning applications, KM Nambiraj, R Rajeswari, S Madhavan - Materials Science Forum, 830, 67-70, 2015.