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List of Publications

1. Kumar M, "Effect of DMLS Process on Mechanical and Tribological Behavior of AlSi10Mg Alloy and its Process Optimization Using GRA" Archives of Metallurgy and Materials - (Under Review) (SCI - Impact Factor – 0.586)
2. Kumar M, "Effect of DMLS Process on Mechanical and Tribological Behavior of AlSi10Mg Alloy and its Process Optimization Using GRA" Archives of Metallurgy and Materials - (Under Review) (SCI - Impact Factor – 0.586)
3. Kumar M, "Influence of Tungsten Disulfide and Redmud Reinforcements on the Mechanical Behaviour of Al6061-T6 Surface Composite" Materials Today Proceedings - (Under Review) (Scopus Indexed)
4. Manojkumar S and Kumar M, "Elimination of Visor Defects Using 7 QC Tools", IOP: Materials Science Engineering - (Under Review) (Web of Science & Scopus indexed)
5. Sangaravadivel P, Megalingam A and Kumar M, "Multi-response Process Optimization in Dry Turning of WS₂ Particle Reinforced Bronze Matrix Composites using GRA - TOPSIS Technique" IOP: Materials Science Engineering - (Under Review) (Web of Science & Scopus indexed).
6. Sangaravadivel P, Megalingam A and Kumar M, "Multi-response Process Optimization in Dry Turning of WS₂ Particle Reinforced Bronze Matrix Composites using GRA - TOPSIS Technique" IOP: Materials Science Engineering - (Under Review) (Web of Science & Scopus indexed).
7. Manojkumar S, Kumar M, Ananth M, Mageshwaran G, Hariprakash P, "The Effect of Mg and Mn addition on Hardness, Tensile and Wear Properties of LM6 Aluminium alloy", Lecture Notes in Mechanical Engineering (Scopus Indexed) -- Article in Press
8. M. Kumar, R. Prasanth, B. Selvakumar, V. Ranjith, "A Review on Friction Stir Processing of Al6061 Surface Composites", AIP Conference Proceedings, ISSN: 0094-243X (print) 1551- 7616 (web), Vol. 2128, July 2019, 020031, (Web of Science & Scopus indexed).
9. M. Kumar, R. Prasanth, B. Selvakumar, V. Ranjith, "A Review on Friction Stir Processing of Al6061 Surface Composites", AIP Conference Proceedings, ISSN: 0094-243X (print) 1551- 7616 (web), Vol. 2128, July 2019, 020031, (Web of Science & Scopus indexed).
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11. M. Kumar, R. Prasanth, B. Selvakumar, V. Ranjith, "A Review on Friction Stir Processing of Al6061 Surface Composites", AIP Conference Proceedings, ISSN: 0094-243X (print) 1551-7616 (web), Vol. 2128, July 2019, 020031, (Web of Science & Scopus indexed).
12. M. Kumar, R. Prasanth, B. Selvakumar, V. Ranjith, "A Review on Friction Stir Processing of Al6061 Surface Composites", AIP Conference Proceedings, ISSN: 0094-243X (print) 1551-7616 (web), Vol. 2128, July 2019, 020031, (Web of Science & Scopus indexed).
13. Dhineshkumar K, Sivakumar M, Sivakumar K, Kumar M, "Optimization of Wire EDM Process Parameters of Al 6061/Al₂O₃/3% Red mud MMC", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Vol. 22, No. 2, May 2016, pp. 58-63, ISSN: 0976-1353
14. M. Kumar, A. Megalingam, V. Baskaran and K. S. Hanumanth Ramji, "Effect of sliding distance on dry sliding tribological behaviour of Aluminium Hybrid Metal Matrix Composite (AlHMMC): An alternate for automobile brake rotor – A Grey relational approach", Proceedings of Institutions of Mechanical Engineers - Part J: Journal of Engineering Tribology, Vol. 230, No. 4, April 2016, pp. 402-415, ISSN 1350-6501. (SCI - Impact Factor-1.397), doi.org/10.1177/1350650115602724.
15. M. Kumar, A. Megalingam and V. Baskaran, "Dry Sliding Tribological Characterization and Parameters Optimization of Aluminium Hybrid Metal Matrix Composite for Automobile Brake Rotor Applications", International Journal of Applied Engineering Research, Vol. 10, No.24, March 2015, pp.21102-21109, ISSN 0973-4562 – Scopus Indexed