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Journal Publications Details

1. The optimization of squeeze casting process parameter for AA2219 alloy by using the Taguchi method A Karthik, R Karunanithi, SA Srinivasan, M Prashanth Materials Today: Proceedings 27, 2556-2561, 2020.
2. Microstructure and mechanical properties of AA 2219-TiB₂ composites by squeeze casting technique A Karthik, R Karunanithi, SA Srinivasan, M Prashanth Materials Today: Proceedings 27, 2574-2581, 2020.
3. X-ray peak broadening on microstructure, and structural properties of titanium and Ti-6Al-4V alloys S Ali, R Karunanithi, M Prashanth, MA Rahman Materials Today: Proceedings 27, 2390- 2393, 2020.
4. Investigation on microstructures, mechanical and wear properties of Al 390/ZrO₂ composite materials fabricated by P/M method S Karthikeyan, R Karunanithi, A Ghosh Multidiscipline Modeling in Materials and Structures, 2020.
5. The Investigation of Microstructure and Mechanical Property of Incorporation of Cerium Oxide to AA2219 Through Liquid Forging Technique A Karthik, R Karunanithi, SA Srinivasan, SP Kumareshbabu Journal of The Institution of Engineers (India): Series D, 1- 9, 2020.
6. The Investigation of Microstructure and Mechanical Property of Incorporation of Cerium Oxide to AA2219 Through Liquid Forging Technique A Karthik, R Karunanithi, SA Srinivasan, SP Kumareshbabu JIEID, 2020.

7. Micro hardness and corrosion properties of A390 alloy + x vol.% zirconium dioxide (ZrO₂) composites processed by P/M method S Karthikeyan, M Subramanian, A Ghosh, M Prashanth, R Karunanithi International Journal of Microstructure and Materials Properties 14 (6), 511- 523, 2019.
8. Hardness and dry sliding wear behavior of SiC reinforced Al 7150 alloy composite synthesized under the influence of aging, varying compaction pressures, particle size and ... MA Rahman, N Sirajudeen, R Karunanithi Materials Research Express 6 (6), 066536, 2019.
9. Sinterability and electrochemical behavior of Al₂O₃ dispersed Al 7150 alloy composite prepared by high energy ball milling MA Rahman, R Karunanithi, N Sirajudeen Material Research Express 6 (8), 085007, 2019.
10. Corrigendum: Hardness and dry sliding wear behavior of SiC reinforced Al 7150 alloy composite synthesized under the influence of aging, varying compaction pressures, particle ... M Abdur Rahman, N Sirajudeen, R Karunanithi MRE 6 (7), 079501, 2019.
11. Deformation, decomposition and hardening behavior of nano Al7075 alloy prepared by mechanical milling and hot pressing T Das, R Karunanithi, A Sinha, KS Ghosh, S Bera Advanced Powder Technology 27 (4), 1874-1877, 2016.