

Mihira Acharya

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Effect of Semi-Solid Heat Treatment on the Microstructure and Dry Sliding Wear Behavior of Al-20Si Alloy at Optimized Parametric Conditions. <i>Metals and Materials International</i> , 2021, 27, 1578-1586. | 3.4 | 13 |
| 2 | Individual and synergistic effect of gamma alumina (γ -Al ₂ O ₃) and strontium on microstructure and mechanical properties of Al-20Si alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2019, 29, 1353-1364. | 4.2 | 11 |
| 3 | Coarsening Kinetics of Semi-solid A356-5wt%TiB ₂ in situ Composite. <i>Transactions of the Indian Institute of Metals</i> , 2015, 68, 1075-1080. | 1.5 | 8 |
| 4 | Development of high strength suction cast hypereutectic Al-20Si alloy containing gamma alumina and strontium. <i>Materials Science and Technology</i> , 2020, 36, 623-630. | 1.6 | 5 |
| 5 | Effect of Cooling Slope Angle on Microstructure of Al-7Si Alloy. <i>Transactions of the Indian Institute of Metals</i> , 2015, 68, 1095-1099. | 1.5 | 3 |
| 6 | Effect of Strontium and Misch Metal on Al-14Si-3Mg Alloy. <i>Transactions of the Indian Institute of Metals</i> , 2015, 68, 1181-1185. | 1.5 | 3 |