

Sudip Banerjee

List of Publications by Year in descending order

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17
papers

229
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1307594

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1058476

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docs citations

17
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85
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dry sliding tribological behavior of AZ31-WC nano-composites. Journal of Magnesium and Alloys, 2019, 7, 315-327. | 11.9 | 68 |
| 2 | Corrosion behavior of AZ31-WC nano-composites. Journal of Magnesium and Alloys, 2019, 7, 681-695. | 11.9 | 38 |
| 3 | Tribological characterisation of magnesium matrix nanocomposites: A review. Advances in Mechanical Engineering, 2021, 13, 168781402110090. | 1.6 | 22 |
| 4 | Nano-indentation and Corrosion Characteristics of Ultrasonic Vibration Assisted Stir-Cast AZ31-WC-Graphite Nano-composites. International Journal of Metalcasting, 2021, 15, 1058-1072. | 1.9 | 21 |
| 5 | Tribological behavior of Mg-WC nano-composites at elevated temperature. Materials Research Express, 2019, 6, 0865c6. | 1.6 | 19 |
| 6 | Abrasive wear behavior of WC nanoparticle reinforced magnesium metal matrix composites. Surface Topography: Metrology and Properties, 2020, 8, 025001. | 1.6 | 18 |
| 7 | Nanoindentation and Scratch Resistance Characteristics of AZ31-WC Nanocomposites. Journal of Molecular and Engineering Materials, 2019, 07, . | 1.8 | 11 |
| 8 | Design of Experiments Analysis of Friction Behavior of Mg-WC Nano-composites using Taguchi Methodology. Materials Today: Proceedings, 2019, 18, 4026-4033. | 1.8 | 8 |
| 9 | Wear performance of Mg-WC metal matrix nanocomposites using Taguchi methodology. Materials Today: Proceedings, 2019, 19, 177-181. | 1.8 | 4 |
| 10 | Effect of process parameters on machining EN 47 spring steel through WEDM. Emerging Materials Research, 2020, 9, 628-636. | 0.7 | 4 |
| 11 | Understanding Fabrication and Properties of Magnesium Matrix Nanocomposites. Materials Horizons, 2021, , 229-252. | 0.6 | 3 |
| 12 | Optimization of Tribological Behavior of Mg-Wc Nanocomposites at Elevated Temperature. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2020, 8, 25-43. | 0.4 | 3 |
| 13 | Fabrication and characterization of AZ31-B4C composites. Materials Today: Proceedings, 2022, 59, 153-160. | 1.8 | 3 |
| 14 | Mg-WC Nanocomposites—Recent Advances and Perspectives. Materials Horizons, 2021, , 199-228. | 0.6 | 2 |
| 15 | Tribological Performance Optimization of Mg-WC Nanocomposites in Dry Sliding: A Statistical Approach. Frontiers in Materials, 2022, 9, . | 2.4 | 2 |
| 16 | Dry sliding tribological behavior of ultrasonic stir cast AZ31-B ₄ C composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2023, 237, 824-842. | 1.8 | 2 |
| 17 | Optimization of Tribological Behavior of Mg-Wc Nanocomposites at Elevated Temperature. , 2021, , 1135-1152. | | 1 |