

Adel Fathy

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

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citations

1163117
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8
times ranked

232
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Synthesis and characterization of Cu-ZrO ₂ nanocomposite produced by thermochemical process. Journal of Alloys and Compounds, 2017, 719, 411-419. | 5.5 | 72 |
| 2 | Investigation on microstructure and properties of Cu-ZrO ₂ nanocomposites synthesized by in situ processing. Materials Letters, 2018, 213, 95-99. | 2.6 | 69 |
| 3 | Correlation between grain boundary evolution and mechanical properties of ultrafine-grained metals. Mechanics of Materials, 2020, 143, 103321. | 3.2 | 61 |
| 4 | Microstructure evolution and mechanical properties of Al/Al-12%Si multilayer processed by accumulative roll bonding (ARB). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 647, 127-135. | 5.6 | 55 |
| 5 | Experimental investigation on the compressibility of Al/Al ₂ O ₃ nanocomposites. International Journal of Materials and Product Technology, 2016, 52, 312. | 0.2 | 55 |
| 6 | Production and properties of Cu-ZrO ₂ nanocomposites. Journal of Composite Materials, 2018, 52, 1519-1529. | 2.4 | 55 |
| 7 | Evaluation of mechanical properties of 1050-Al reinforced with SiC particles via accumulative roll bonding process. Journal of Composite Materials, 2019, 53, 209-218. | 2.4 | 53 |
| 8 | Utilization of Improved Machine Learning Method Based on Artificial Hummingbird Algorithm to Predict the Tribological Behavior of Cu-Al ₂ O ₃ Nanocomposites Synthesized by In Situ Method. Mathematics, 2022, 10, 1266. | 2.2 | 52 |