

Haiyan Gao

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

202
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1478505

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docs citations

7
times ranked

151
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Microstructure evolution and properties of graphene nanoplatelets reinforced aluminum matrix composites. <i>Materials Characterization</i> , 2018, 140, 172-178. | 4.4 | 111 |
| 2 | Formation of multilayer interfaces and the load transfer in graphene nanoplatelets reinforced Al matrix composites. <i>Materials Characterization</i> , 2020, 159, 110018. | 4.4 | 32 |
| 3 | High strength high electrical conductivity ultrafine-grained Al–Y alloy processed via cold drawing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 772, 138824. | 5.6 | 20 |
| 4 | Mechanical properties and electrical conductivity of cold rolled Al-7.5wt%Y alloy with heterogeneous lamella structure and stacking faults. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160692. | 5.5 | 14 |
| 5 | The important role of extremely low content of soluted Ce in the wide stacking faults formation in Al-Ce alloy. <i>Scripta Materialia</i> , 2022, 214, 114647. | 5.2 | 12 |
| 6 | Thermally stable microstructure and mechanical properties of graphene reinforced aluminum matrix composites at elevated temperature. <i>Journal of Materials Research and Technology</i> , 2020, 9, 13230-13238. | 5.8 | 9 |
| 7 | <i>Ab initio</i> investigation on preferred orientation at the Al/Al ₃ (Zr,Y) interface in Al–Zr–Y alloy. <i>Journal of Applied Physics</i> , 2022, 131, . | 2.5 | 4 |