

Lili Chang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

438
citations

933447

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h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

459
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Grain size and texture effect on compression behavior of hot-extruded Mg-3Al-1Zn alloys at room temperature. <i>Materials Characterization</i> , 2009, 60, 991-994. | 4.4 | 64 |
| 2 | Microstructure and mechanical properties in an AZ31 magnesium alloy sheet fabricated by asymmetric hot extrusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 496, 512-516. | 5.6 | 63 |
| 3 | Texture and microstructure evolution in cold rolled AZ31 magnesium alloy. <i>Materials Characterization</i> , 2009, 60, 487-491. | 4.4 | 52 |
| 4 | In-situ investigation of stress-induced martensitic transformation in Ti-Nb binary alloys with low Young's modulus. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 651, 442-448. | 5.6 | 50 |
| 5 | Strengthening effect of nano and micro-sized precipitates in the hot-extruded Mg-5Sn-3Zn alloys with Ca addition. <i>Journal of Alloys and Compounds</i> , 2017, 703, 552-559. | 5.5 | 41 |
| 6 | Influence of strain path on the microstructure evolution and mechanical properties in AM31 magnesium alloy sheets processed by differential speed rolling. <i>Materials & Design</i> , 2013, 44, 144-148. | 5.1 | 38 |
| 7 | Microstructure and mechanical properties of AM31 magnesium alloys processed by differential speed rolling. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1527-1533. | 6.3 | 36 |
| 8 | Twinning behavior of hot extruded AZ31 hexagonal prisms during uniaxial compression. <i>Journal of Magnesium and Alloys</i> , 2019, 7, 90-97. | 11.9 | 32 |
| 9 | Microstructure and mechanical properties of twin roll cast AM31 magnesium alloy sheet processed by differential speed rolling. <i>Materials & Design</i> , 2012, 34, 746-752. | 5.1 | 29 |
| 10 | Effect of Sn and Y addition on the microstructural evolution and mechanical properties of hot-extruded Mg-9Li-3Al alloy. <i>Materials Characterization</i> , 2019, 148, 35-42. | 4.4 | 24 |
| 11 | Strain softening during tension in cold drawn Cu-Ag alloys. <i>Materials Characterization</i> , 2015, 108, 145-151. | 4.4 | 8 |
| 12 | Comparative study of anisotropy, strain hardening and twinning behavior in AZ40 and AE42 alloys. <i>Materials Today Communications</i> , 2020, 25, 101462. | 1.9 | 1 |