

Jue Lu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

243
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal deformation behavior and processing maps of 7075 aluminum alloy sheet based on isothermal uniaxial tensile tests. <i>Journal of Alloys and Compounds</i> , 2018, 767, 856-869.	5.5	93
2	Mechanical behavior and deformation mechanism of 7075 aluminum alloy under solution induced dynamic strain aging. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 759, 498-505.	5.6	49
3	Effect of temperature on friction and galling behavior of 7075 aluminum alloy sheet based on ball-on-plate sliding test. <i>Tribology International</i> , 2019, 140, 105872.	5.9	34
4	Influence of Plastic Deformation on Martensitic Transformation During Hot Stamping of Complex Structure Auto Parts. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 1830-1838.	2.5	14
5	Influence of thermal deformation conditions on the microstructure and mechanical properties of boron steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 701, 328-337.	5.6	14
6	Rheological behavior and dynamic softening mechanism of AA7075 sheet under isothermal tensile deformation. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9784-9797.	5.8	14
7	Using novel strain aging kinetics models to determine the effect of solution temperature on critical strain of Al-Zn-Mg-Cu alloy. <i>Journal of Alloys and Compounds</i> , 2020, 838, 155647.	5.5	9
8	Effect laws and mechanisms of different temperatures on isothermal tensile fracture morphologies of high-strength boron steel. <i>Journal of Central South University</i> , 2015, 22, 1191-1202.	3.0	6
9	Process parameters effect on high-temperature friction and galling characteristics of AA7075 sheets. <i>Materials and Manufacturing Processes</i> , 2021, 36, 967-978.	4.7	6
10	Modeling dynamic recrystallization behavior of Al-Zn-Mg-Cu alloy during electroshock assisted tension based on cellular automata. <i>Materials Research Express</i> , 2022, 9, 036513.	1.6	4