

# Jue Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1375704/publications.pdf>

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	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
2	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
3	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
4	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
5	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
6	Mechanical behavior and deformation mechanism of 7075 aluminum alloy under solution induced dynamic strain aging. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 759, 498-505.	5.6	49
7	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
8	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
9	Influence of thermal deformation conditions on the microstructure and mechanical properties of boron steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 701, 328-337.	5.6	14
10	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