

Ying Liu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

501
citations

1039406

9
h-index

839053

18
g-index

21
all docs

21
docs citations

21
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical microstructures and defects in heterostructured materials and their effects on mechanical properties. <i>Acta Materialia</i> , 2020, 189, 129-144.	3.8	150
2	Dynamic property evaluation of aluminum alloy 2519A by split Hopkinson pressure bar. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, 1-5.	1.7	116
3	Hot deformation and processing map of 2519A aluminum alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 1548-1552.	2.6	78
4	Effect of equal channel angular pressing on the thermal-annealing-induced microstructure and texture evolution of cold-rolled copper. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 674, 186-192.	2.6	33
5	Investigation on activation volume and strain-rate sensitivity in ultrafine-grained tantalum. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 635, 86-93.	2.6	27
6	Bulk Nanolaminated Nickel: Preparation, Microstructure, Mechanical Property, and Thermal Stability. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 576-594.	1.1	16
7	Principle of one-step synthesis for multilayered structures using tube high-pressure shearing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 658, 367-375.	2.6	14
8	Constitutive Behavior and Processing Map of T2 Pure Copper Deformed from 293 to 1073 K. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 1812-1824.	1.2	13
9	Preparation of bulk nanolaminated aluminum alloy with high strength. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 770, 138556.	2.6	9
10	Exploiting tube high-pressure shearing to prepare a microstructure in Pb-Sn alloys for unprecedented superplasticity. <i>Scripta Materialia</i> , 2022, 209, 114390.	2.6	8
11	Role of secondary phase particles of 2519A aluminium alloy in localised corrosion. <i>Materials Research Innovations</i> , 2013, 17, 83-88.	1.0	7
12	Microstructure and flow stress of Mg-12Gd-3Y-0.5Zr magnesium alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 172-177.	0.4	5
13	Estimation of Average Strain Rate during Equal-Channel Angular Pressing. <i>Materials Science Forum</i> , 0, 850, 419-425.	0.3	5
14	Negative Temperature Dependence of Recrystallized Grain Size: Formulation and Experimental Confirmation on Copper. <i>Materials</i> , 2017, 10, 308.	1.3	5
15	Investigation on the Strain Distribution in Tube High-Pressure Shearing. <i>Metals</i> , 2019, 9, 1117.	1.0	5
16	Microstructure and Properties of T2 Copper Tube Produced by Severe Hot Rolling. <i>Materials Science Forum</i> , 2010, 667-669, 193-198.	0.3	4
17	Microstructure Inhomogeneities in 2519A Aluminum Plate Penetrated by an Incendiary Projectile. <i>Materials Science Forum</i> , 2007, 546-549, 1049-1054.	0.3	2
18	Microstructure Evolution of Copper by Three Roll Planetary Milling. <i>Solid State Phenomena</i> , 0, 279, 44-48.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Hot Deformation Behavior of 2519 Al Alloy during Isothermal Compression. Materials Science Forum, 2007, 546-549, 749-754.	0.3	1
20	Effect of Pre-Rolling Reduction on Intergranular Corrosion of Aluminum Alloy 2519A. Materials Science Forum, 2007, 546-549, 1117-1122.	0.3	1
21	Effect of Severe Plastic Deformation at Ambient Temperature on Microstructures and Mechanical Properties of Aluminum Alloy 2519. Materials Science Forum, 0, 745-746, 298-302.	0.3	0