

Lei Bao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,131
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

2015
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Tuning of Luminescent Carbon Nanodots: From Preparation to Luminescence Mechanism. <i>Advanced Materials</i> , 2011, 23, 5801-5806.	21.0	872
2	Study on hydrogen removal of AZ91 alloys using ultrasonic argon degassing process. <i>Ultrasonics Sonochemistry</i> , 2015, 26, 73-80.	8.2	45
3	Microstructures and mechanical properties of high performance Mg ₆₀ Gd ₃ Y ₂ Nd _{0.4} Zr alloy by indirect extrusion and aging treatment. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 612, 380-386.	5.6	40
4	Planning of Electric Public Transport System under Battery Swap Mode. <i>Sustainability</i> , 2018, 10, 2528.	3.2	35
5	Assessing the transition to low-carbon urban transport: A global comparison. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106179.	10.8	31
6	Comparative evaluation of global low-carbon urban transport. <i>Technological Forecasting and Social Change</i> , 2019, 143, 14-26.	11.6	28
7	Electrical resistivity behaviors of liquid Pb-Sn binary alloy in the presence of ultrasonic field. <i>Ultrasonics</i> , 2015, 55, 6-9.	3.9	24
8	Achieving excellent superplasticity of Mg-7Zn-5Gd-0.6Zr alloy at low temperature regime. <i>Scientific Reports</i> , 2019, 9, 4365.	3.3	11
9	The Effects of ZnO Particles on the Grain Refinement and Mechanical Properties of AZ31 Magnesium Alloys. <i>Transactions of the Indian Institute of Metals</i> , 2016, 69, 1911-1918.	1.5	10
10	Ultrasonic flaw detection of discontinuous defects in magnesium alloy materials. <i>China Foundry</i> , 2019, 16, 256-261.	1.4	10
11	Planning of LNG Filling Stations for Road Freight: A Case Study of Shenzhen. <i>Transportation Research Procedia</i> , 2017, 25, 4580-4588.	1.5	6
12	Study on Solidification Structure Evolution of Direct-Chill Casting High Purity Copper Billet Using Cellular Automaton-Finite Element Method. <i>Metals</i> , 2020, 10, 1052.	2.3	5
13	Strengthening Effect and Texture of Mg ₃ Li Alloys Strengthened by Various Rare Earth Elements. <i>Advanced Engineering Materials</i> , 2018, 20, 1700491.	3.5	4
14	Effect of harmonic magnetic field and pulse magnetic field on microstructure of high purity Cu during electromagnetic direct chill casting. <i>China Foundry</i> , 2021, 18, 141-146.	1.4	3
15	Effects of Y Content on the Microstructures and Mechanical Properties of Mg-5Zn-xY-0.6Zr Alloys. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 138-144.	1.0	2
16	Types of Goods Prediction Based on E-Waybills Data Mining in Freight Transport. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 8212-8216.	0.4	0
17	An improved immune algorithm for optimization of irrigational water distribution. , 2017, , .		0
18	Effect of intrapartum antibiotic prophylaxis of group B infection on the incidence and bacteriological profile of early-onset neonatal sepsis.. <i>Chinese Journal of Contemporary Pediatrics</i> , 2022, 24, 49-53.	0.2	0