Lei Bao

List of Publications by Year
in descending order

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