

Ping Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

101
citations

1937685

4
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the microhardness, mechanical properties and electrical conductivity of 7055 aluminum alloy. <i>Vacuum</i> , 2020, 171, 109005.	3.5	42
2	Effects of heat treatment on the nanoscale precipitation behavior of 7055 aluminum alloy under dynamic shock. <i>Vacuum</i> , 2018, 152, 150-155.	3.5	20
3	Analysis on the tool wear behavior of 7050-T7451 aluminum alloy under ultrasonic elliptical vibration cutting. <i>Wear</i> , 2021, 466-467, 203538.	3.1	19
4	Energy absorption and impact resistance of sandwich composite alloy structures under dynamic impact. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154771.	5.5	5
5	The Influence of Heat Treatment on Nanoscale Microstructure and Crystal Orientation of 7055 Aluminum Alloy Before and After High-Speed Milling. <i>Transactions of the Indian Institute of Metals</i> , 2018, 71, 1379-1387.	1.5	3
6	The mechanical behaviors and energy absorption mechanisms of Al-Cu-Mn alloy under dynamic penetration at wide temperature ranges and large angles. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152188.	5.5	3
7	On the precipitation behaviour of 7055 aluminium alloy during high-speed cutting. <i>Materials Science and Technology</i> , 2018, 34, 1582-1590.	1.6	2
8	Machinability and cutting force modeling of 7055 aluminum alloy with wide temperature range based on dry cutting. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 2787-2808.	3.0	2
9	Research on the nanocutting mechanism of Ni-Fe-Cr-based superalloys: Conventional cutting versus UEVC. <i>Materials Today Communications</i> , 2021, 26, 101795.	1.9	2
10	Surface integrity and wear evolution of high strength aluminum alloy after high-speed oblique cutting. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2022, 236, 881-891.	1.8	2
11	Surface integrity of high strength aviation aluminum alloy in CURP treatment. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 6135.	3.0	1