

Ping Zhang

List of Publications by Year in descending order

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