

Liangyu Xia

List of Publications by Year in descending order

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6
papers

62
citations

2258059

3
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	A research based on advance dual-coil electromagnetic forming method on flanging of small-size tubes. International Journal of Advanced Manufacturing Technology, 2019, 102, 4087-4094.	3.0	23
2	Adjustable current waveform via altering the damping coefficient: A new way to reduce Joule heating in electromagnetic forming coils. Journal of Materials Processing Technology, 2021, 293, 117086.	6.3	17
3	The importance of coil conductivity and eddy current effects in the analysis of electromagnetic forming process. High Voltage, 2022, 7, 390-404.	4.7	13
4	Water-based ferrofluid with tunable stability and its significance in nuclear wastewater treatment. Journal of Hazardous Materials, 2022, 434, 128893.	12.4	4
5	Numerical and experimental verification of an iterative coupling method for analyzing the Lorentz-force-driven sheet metal stamping process. International Journal of Advanced Manufacturing Technology, 2021, 115, 2161-2173.	3.0	3
6	Coil-less electromagnetic forming process with uniform-pressure characteristics for shaping sheet metals. Journal of Manufacturing Processes, 2021, 70, 140-151.	5.9	2