

Zhen Qian

List of Publications by Year in descending order

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8
papers

56
citations

1684188

5
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

24
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen fracture maps for sheared-edge-controlled hydrogen-delayed fracture of 1180 MPa advanced high-strength steels. Corrosion Science, 2021, 184, 109360.	6.6	18
2	Experimental and numerical investigation of flange angle in Chain-die formed AHSS U-channel sections. International Journal of Advanced Manufacturing Technology, 2017, 92, 1231-1242.	3.0	10
3	Investigation of the forming load in the chain-die forming process. Journal of Manufacturing Processes, 2019, 45, 70-82.	5.9	8
4	Investigation of the design process for the Chain-die forming technology based on the developed multi-stand numerical model. Journal of Materials Processing Technology, 2020, 277, 116484.	6.3	8
5	Analytical and numerical analyses of the longitudinal plastic strain and web-warping in Chain-die-formed AHSS sections with variable widths. International Journal of Advanced Manufacturing Technology, 2017, 92, 1147-1164.	3.0	6
6	Utilizing 2-D and 3-D simulations in assisting tooling design in Chain-die forming threshold product. Procedia Engineering, 2017, 207, 1272-1277.	1.2	3
7	Numerical and Experimental Investigation of the Bending Zone in Free U-Bending. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	2
8	Determination of microstructure evolution in metallic components introduced by Chain-die forming. Procedia Engineering, 2017, 207, 1296-1301.	1.2	1