

# Zhongqi Yu

## List of Publications by Year in descending order

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13  
papers

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citations

1040056

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1199594

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docs citations

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times ranked

148  
citing authors

#	ARTICLE	IF	CITATIONS
1	A continuous dynamic recrystallization constitutive model combined with grain fragmentation and subgrain rotation for aluminum alloy 2219 under hot deformation. Modelling and Simulation in Materials Science and Engineering, 2021, 29, 025002.	2.0	6
2	Study on flange-constrained spinning process for hemispherical aluminum alloy part. Journal of Materials Processing Technology, 2020, 278, 116515.	6.3	12
3	Study on warm formability of aluminum alloy 2219 in hemispherical part conventional spinning. Procedia Manufacturing, 2020, 50, 45-50.	1.9	1
4	Theoretical Prediction of Sheet Metal Wrinkling Based on the Potential Function Analysis. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2018, 140, .	2.2	5
5	A study of severe flange wrinkling in first-pass conventional spinning of hemispherical part. International Journal of Advanced Manufacturing Technology, 2017, 93, 3583-3598.	3.0	15
6	Theoretical prediction of flange wrinkling in first-pass conventional spinning of hemispherical part. Journal of Materials Processing Technology, 2017, 246, 56-68.	6.3	31
7	Theoretical and experimental study on formability of laser seamed tube hydroforming. International Journal of Advanced Manufacturing Technology, 2014, 75, 305-315.	3.0	10
8	Study on experimental approaches of forming limit curve for tube hydroforming. International Journal of Advanced Manufacturing Technology, 2012, 61, 87-100.	3.0	16
9	Study on formability of tube hydroforming through elliptical die inserts. Journal of Materials Processing Technology, 2012, 212, 1916-1924.	6.3	25
10	A theoretical and experimental study on forming limit diagram for a seamed tube hydroforming. Journal of Materials Processing Technology, 2011, 211, 2012-2021.	6.3	31
11	Prediction of Forming Limit Diagram for Seamed Tube Hydroforming Based on Thickness Gradient Criterion. , 2011, , .		1
12	Selection of tool materials and surface treatments for improved galling performance in sheet metal forming. International Journal of Advanced Manufacturing Technology, 2009, 43, 1010-1017.	3.0	18
13	Evaluation of fracture limit in automotive aluminium alloy sheet forming. Materials & Design, 2007, 28, 203-207.	5.1	37