

# Zhongqi Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6031547/publications.pdf>

Version: 2024-02-01

13  
papers

208  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

148  
citing authors

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