

# Tong Wen

## List of Publications by Year in descending order

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24  
papers

291  
citations

1307594

7  
h-index

888059

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite Element Modeling of Tensile Instability of Sheet Metals Considering Nonuniform Mechanical Properties. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 3753-3762.	2.5	2
2	Analysis of shear stress wrinkling of asymmetric sheet specimen under offset loading. <i>Journal of Mechanical Science and Technology</i> , 2022, 36, 1451-1457.	1.5	1
3	Study on a New Method for Forming Integral Curved-Hole Structures by Combining Drilling and Plastic Deformation. <i>International Journal of Precision Engineering and Manufacturing</i> , 2022, 23, 825-837.	2.2	1
4	Incremental Grooving of Thin-Walled Tubes Filled with Discrete Media. <i>Minerals, Metals and Materials Series</i> , 2021, , 2179-2187.	0.4	0
5	Deformation analysis and processing parameter optimization of roller clinching. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 1621-1631.	3.0	2
6	Study on the wrinkling behavior of perforated metallic plates using uniaxial tensile tests. <i>Thin-Walled Structures</i> , 2021, 167, 108132.	5.3	7
7	Deformation Feature of Sheet Metals During Inclined Hole-Flanging by Two-Point Incremental Forming. <i>International Journal of Precision Engineering and Manufacturing</i> , 2020, 21, 169-176.	2.2	2
8	Manufacturing of ultra-large plate forgings by unfolding and flattening of thick cylinders. <i>Journal of Central South University</i> , 2020, 27, 2227-2238.	3.0	1
9	Test of Friction Parameters in Bulk Metal Forming Based on Forward Extrusion Processes. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2020, 25, 333-339.	0.9	1
10	Investigation of factors affecting the formability of metallic sheets in dieless incremental hole-flanging. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 2609-2620.	3.0	7
11	Evaluation on prediction abilities of constitutive models considering FEA application. <i>Journal of Central South University</i> , 2018, 25, 1251-1262.	3.0	5
12	Multi-directional incremental sheet forming—a novel methodology for flexibly producing thin-walled parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 91, 1909-1919.	3.0	8
13	Outwards and inwards crimping of tube ends by single-point incremental forming. <i>Procedia Engineering</i> , 2017, 207, 854-859.	1.2	7
14	Bi-directional dieless incremental flanging of sheet metals using a bar tool with tapered shoulders. <i>Journal of Materials Processing Technology</i> , 2016, 229, 795-803.	6.3	24
15	Joining different metallic sheets without protrusion by flat hole clinching process. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 85, 217-225.	3.0	33
16	Influence of high frequency vibration on microstructure and mechanical properties of TIG welding joints of AZ31 magnesium alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 397-404.	4.2	40
17	Characterization of deformation behavior of thin-walled tubes during incremental forming: a study with selected examples. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 78, 1769-1780.	3.0	20
18	Predication and analysis of positioning status of large-scale billets on forging dies using multi-body dynamics simulation. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 80, 447-453.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Optimization of processing parameters for minimizing warpage of large thin-walled parts in whole stages of injection molding. Chinese Journal of Polymer Science (English Edition), 2014, 32, 1535-1543.	3.8	14
20	On a reshaping method of clinched joints to reduce the protrusion height. International Journal of Advanced Manufacturing Technology, 2014, 71, 1709-1715.	3.0	59
21	Influence of high frequency vibration on deep drawing process of AZ31 sheet at room temperature. Journal of Shanghai Jiaotong University (Science), 2012, 17, 456-460.	0.9	6
22	Press cutting of thin-walled round pipe for producing curvilinear end. Journal of Central South University, 2012, 19, 304-311.	3.0	0
23	Effects of ultrasonic vibration on plastic deformation of AZ31 during the tensile process. International Journal of Minerals, Metallurgy and Materials, 2011, 18, 70-76.	4.9	48
24	Deformation of Seat Support during Free-Cooling after Ejection. Advanced Materials Research, 0, 97-101, 3290-3293.	0.3	1