

Tong Wen

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Influence of high frequency vibration on microstructure and mechanical properties of TIG welding joints of AZ31 magnesium alloy. Transactions of Nonferrous Metals Society of China, 2015, 25, 397-404.	4.2	40
4	Joining different metallic sheets without protrusion by flat hole clinching process. International Journal of Advanced Manufacturing Technology, 2016, 85, 217-225.	3.0	33
5	Bi-directional dieless incremental flanging of sheet metals using a bar tool with tapered shoulders. Journal of Materials Processing Technology, 2016, 229, 795-803.	6.3	24
6	Characterization of deformation behavior of thin-walled tubes during incremental forming: a study with selected examples. International Journal of Advanced Manufacturing Technology, 2015, 78, 1769-1780.	3.0	20
7	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
8	Multi-directional incremental sheet forming—a novel methodology for flexibly producing thin-walled parts. International Journal of Advanced Manufacturing Technology, 2017, 91, 1909-1919.	3.0	8
9	Outwards and inwards crimping of tube ends by single-point incremental forming. Procedia Engineering, 2017, 207, 854-859.	1.2	7
10	Investigation of factors affecting the formability of metallic sheets in dieless incremental hole-flanging. International Journal of Advanced Manufacturing Technology, 2019, 103, 2609-2620.	3.0	7
11	Study on the wrinkling behavior of perforated metallic plates using uniaxial tensile tests. Thin-Walled Structures, 2021, 167, 108132.	5.3	7
12	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
13	Evaluation on prediction abilities of constitutive models considering FEA application. Journal of Central South University, 2018, 25, 1251-1262.	3.0	5
14	Predication and analysis of positioning status of large-scale billets on forging dies using multi-body dynamics simulation. International Journal of Advanced Manufacturing Technology, 2015, 80, 447-453.	3.0	2
15	Deformation Feature of Sheet Metals During Inclined Hole-Flanging by Two-Point Incremental Forming. International Journal of Precision Engineering and Manufacturing, 2020, 21, 169-176.	2.2	2
16	Deformation analysis and processing parameter optimization of roller clinching. International Journal of Advanced Manufacturing Technology, 2021, 116, 1621-1631.	3.0	2
17	Finite Element Modeling of Tensile Instability of Sheet Metals Considering Nonuniform Mechanical Properties. Journal of Materials Engineering and Performance, 2022, 31, 3753-3762.	2.5	2
18	Deformation of Seat Support during Free-Cooling after Ejection. Advanced Materials Research, 0, 97-101, 3290-3293.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Manufacturing of ultra-large plate forgings by unfolding and flattening of thick cylinders. Journal of Central South University, 2020, 27, 2227-2238.	3.0	1
20	Test of Friction Parameters in Bulk Metal Forming Based on Forward Extrusion Processes. Journal of Shanghai Jiaotong University (Science), 2020, 25, 333-339.	0.9	1
21	Analysis of shear stress wrinkling of asymmetric sheet specimen under offset loading. Journal of Mechanical Science and Technology, 2022, 36, 1451-1457.	1.5	1
22	Study on a New Method for Forming Integral Curved-Hole Structures by Combining Drilling and Plastic Deformation. International Journal of Precision Engineering and Manufacturing, 2022, 23, 825-837.	2.2	1
23	Press cutting of thin-walled round pipe for producing curvilinear end. Journal of Central South University, 2012, 19, 304-311.	3.0	0
24	Incremental Grooving of Thin-Walled Tubes Filled with Discrete Media. Minerals, Metals and Materials Series, 2021, , 2179-2187.	0.4	0