

# Zhang Zengkun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2300127/publications.pdf>

Version: 2024-02-01

10  
papers

136  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for investigating the springback behavior of 3D tubes. International Journal of Mechanical Sciences, 2017, 131-132, 191-204.	6.7	29
2	A new iterative method for springback control based on theory analysis and displacement adjustment. International Journal of Mechanical Sciences, 2016, 105, 330-339.	6.7	27
3	Extraction of the Anisotropic Plasticity of Metal Materials by Using Inverse Analysis and Dual Indentation Tests. Materials, 2018, 11, 12.	2.9	21
4	An improved procedure for manufacture of 3D tubes with springback concerned in flexible bending process. Chinese Journal of Aeronautics, 2021, 34, 267-276.	5.3	17
5	A new strategy for acquiring the forming parameters of a complex spatial tube product in free bending technology. Journal of Materials Processing Technology, 2020, 282, 116662.	6.3	16
6	A Novel Approach to Estimate the Plastic Anisotropy of Metallic Materials Using Cross-Sectional Indentation Applied to Extruded Magnesium Alloy AZ31B. Materials, 2017, 10, 1065.	2.9	12
7	Modified TIG Welding Joint Process: An Approach to Improve Microstructure and Fracto-Mechanical Behavior by MWCNTs Inducement in Al-Mg-Si Alloy. Materials, 2019, 12, 1441.	2.9	6
8	Investigation to the torsion generation of spatial tubes in bending-twisting process. International Journal of Advanced Manufacturing Technology, 2020, 107, 1191-1203.	3.0	4
9	Springback predictions for three-dimensional thick-walled tubes based on the cylindrical helix splines. Journal of Strain Analysis for Engineering Design, 2017, 52, 472-487.	1.8	2
10	The response of heat-treatable filler on non-heat-treatable aluminum alloy substrate against age hardening cycle for intelligent development of surface welded joints using TIG welding process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	2