Yanxin Cui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3055933/publications.pdf

Version: 2024-02-01

12	187	1307594 7	1199594 12
papers	citations	h-index	g-index

12	12	12	100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact toughness of novel keyhole TIG welded duplex stainless steel joints. Engineering Failure Analysis, 2018, 94, 226-231.	4.0	34
2	Analysis of the frequency features of arc voltage and its application to the recognition of welding penetration in K-TIG welding. Journal of Manufacturing Processes, 2019, 46, 225-233.	5.9	26
3	The influence of microstructure and chromium nitride precipitations on the mechanical and intergranular corrosion properties of K-TIG weld metals. Construction and Building Materials, 2019, 210, 71-77.	7.2	25
4	Welding penetration recognition based on arc sound and electrical signals in K-TIG welding. Measurement: Journal of the International Measurement Confederation, 2020, 163, 107966.	5.0	22
5	Prediction of keyhole TIG weld penetration based on high-dynamic range imaging. Journal of Manufacturing Processes, 2021, 63, 179-190.	5.9	21
6	Recognition of Weld Penetration During K-TIG Welding Based on Acoustic and Visual Sensing. Sensing and Imaging, 2019, 20, 1.	1.5	18
7	Narrow gap deviation detection in Keyhole TIG welding using image processing method based on Mask-RCNN model. International Journal of Advanced Manufacturing Technology, 2021, 112, 2015-2025.	3.0	17
8	Mathematical Model for Prediction and Optimization of Weld Bead Geometry in All-Position Automatic Welding of Pipes. Metals, 2018, 8, 756.	2.3	8
9	A high-dynamic-range visual sensing method for feature extraction of welding pool based on adaptive image fusion. International Journal of Advanced Manufacturing Technology, 2021, 117, 1675-1687.	3.0	7
10	Investigation into the arc profiles and penetration ability of axial magnetic field-enhanced K-TIG welding by means of a specially designed sandwich. Journal of Manufacturing Processes, 2021, 68, 32-41.	5.9	5
11	A Novel High-Efficiency Keyhole Tungsten Inert Gas (K-TIG) Welding: Principles and Practices. Materials Forming, Machining and Tribology, 2021, , 313-367.	1.1	2
12	Investigation of the relationship between voltage and arc length of K-TIG welding under penetrated condition. International Journal of Advanced Manufacturing Technology, 2022, 120, 3843-3857.	3.0	2