

Zhenguo Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7129811/publications.pdf>

Version: 2024-02-01

8
papers

260
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Grain refinement and laser energy distribution during laser oscillating welding of Invar alloy. <i>Materials and Design</i> , 2020, 186, 108195.	7.0	79
2	Double-sided fiber laser beam welding process of T-joints for aluminum aircraft fuselage panels: Filler wire melting behavior, process stability, and their effects on porosity defects. <i>Optics and Laser Technology</i> , 2013, 52, 1-9.	4.6	63
3	Comparative study on fiber laser welding of GH3535 superalloy in continuous and pulsed waves. <i>Materials and Design</i> , 2016, 110, 728-739.	7.0	30
4	Microstructure and Mechanical Properties of Fiber Laser Welded GH3535 Superalloy. <i>Journal of Materials Science and Technology</i> , 2017, 33, 1289-1299.	10.7	28
5	Improving fusion zone microstructure inhomogeneity in dissimilar-metal welding by laser welding with oscillation. <i>Materials Letters</i> , 2020, 261, 126995.	2.6	25
6	Effects of post-weld heat treatment on microstructure and mechanical properties of laser welds in GH3535 superalloy. <i>Optics and Laser Technology</i> , 2016, 81, 18-25.	4.6	23
7	Effects of solution treatment on grain coarsening and hardness of laser welds in UNS N10003 alloy contained different carbon content. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1719-1726.	10.7	11
8	Evaluation on Microstructure and Mechanical Properties of Welded Joints by GMAW in UNS N10003 Alloy. , 2017, , .		1