

# 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 | Improving fusion zone microstructure inhomogeneity in dissimilar-metal welding by laser welding with oscillation. <i>Materials Letters</i> , 2020, 261, 126995.  | 2.6  | 25        |
| 2 | Grain refinement and laser energy distribution during laser oscillating welding of Invar alloy. <i>Materials and Design</i> , 2020, 186, 108195.   | 7.0  | 79        |
| 3 | 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        |
| 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 | Evaluation on Microstructure and Mechanical Properties of Welded Joints by GMAW in UNS N10003 Alloy. , 2017, , .   |      | 1         |
| 6 | 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        |
| 7 | 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        |
| 8 | 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        |