

Bilal Ahmad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5621899/publications.pdf>

Version: 2024-02-01

9
papers

178
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Process Variants on Residual Stresses in Wire Arc Additive Manufacturing of Aluminum Alloy 5183. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2022, 144, .	2.2	16
2	Influence of Deposition Strategies on Residual Stress in Wire + Arc Additive Manufactured Titanium Ti-6Al-4V. <i>Metals</i> , 2022, 12, 253.	2.3	15
3	Measurement and modelling of residual stress in wire-feed additively manufactured titanium. <i>Materials Science and Technology</i> , 2018, 34, 2250-2259.	1.6	11
4	Residual stress evaluation in selective-laser-melting additively manufactured titanium (Ti-6Al-4V) and inconel 718 using the contour method and numerical simulation. <i>Additive Manufacturing</i> , 2018, 22, 571-582.	3.0	78
5	Analysis of Residual Stresses in Laser-Shock-Peened and Shot-Peened Marine Steel Welds. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 759-770.	2.2	15
6	Minimization and Mitigation of Wire EDM Cutting Errors in the Application of the Contour Method of Residual Stress Measurement. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 301-313.	2.2	20
7	The effect of laser shock peening on hardness and microstructure in a welded marine steel. <i>Journal of Engineering</i> , 2015, 2015, 115-125.	1.1	4
8	Effect of Ultrasonic Peening and Accelerated Corrosion Exposure on the Residual Stress Distribution in Welded Marine Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 1214-1226.	2.2	16
9	Surface preparation for residual stress measurement of an accelerated corrosion tested welded marine steel. <i>Corrosion Science</i> , 2015, 91, 357-360.	6.6	3