

M Burak Toparli

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

71
citations

2258059

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1720034

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docs citations

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72
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of fatigue life using laser peening on 2024â€¢T351 aluminium sheet containing scratch damage: The role of residual stress. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1161-1174.	3.4	22
2	Residual Stresses Induced by Laser Peening of Thin Aluminium Plates. <i>Materials Science Forum</i> , 0, 681, 504-509.	0.3	14
3	Effect of Overlapping of Peen Spots on Residual Stresses in Laser-Peened Aluminium Sheets. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 1109-1112.	2.2	14
4	Determination of Multiple Near-Surface Residual Stress Components in Laser Peened Aluminum Alloy via the Contour Method. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 4268-4275.	2.2	12
5	Effect of Shot Peening on Ballistic Limit of Al6061-T651 Aluminium Alloy Plates. <i>Experimental Techniques</i> , 2020, 44, 37-47.	1.5	4
6	Through Thickness Residual Stress Measurements by Neutron Diffraction and Hole Drilling in a Single Laser-Peened Spot on a Thin Aluminium Plate. <i>Materials Science Forum</i> , 2013, 772, 167-172.	0.3	2
7	Effect of Treatment Area on Residual Stress and Fatigue in Laser Peened Aluminum Sheets. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 1519-1523.	2.2	2
8	Application of the Eigenstrain Theory to Predict Residual Stress around Curved Edges after Laser Shock Peening. <i>Materials Science Forum</i> , 2013, 768-769, 185-192.	0.3	1
9	Slitting and Contour Method Residual Stress Measurements in an Edge Welded Beam. , 2010, , .		0
10	Fatigue Performance of Tungsten Carbide Cobalt (WC-Co) Hardmetals After Shot Peening. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 0, , .	0.8	0