

Rasoul Moharrami

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

122
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-responses optimization of ultrasonic machining process. Journal of Intelligent Manufacturing, 2015, 26, 745-753.	7.3	28
2	Experimental and numerical study of measuring high welding residual stresses by using the blind-hole-drilling technique. Journal of Strain Analysis for Engineering Design, 2008, 43, 141-148.	1.8	22
3	Developing a method in measuring residual stress on steel alloys by instrumented indentation technique. Measurement: Journal of the International Measurement Confederation, 2020, 158, 107718.	5.0	22
4	Improvement in accuracy of the measurements of residual stresses due to circumferential welds in thin-walled pipe using Rayleigh wave method. Nuclear Engineering and Design, 2009, 239, 2201-2208.	1.7	15
5	Numerical stress analysis in resistance spot-welded nugget due to post-weld shear loading. Journal of Manufacturing Processes, 2017, 27, 284-290.	5.9	11
6	Improvement of indentation technique for measuring general biaxial residual stresses in austenitic steels. Precision Engineering, 2020, 64, 220-227.	3.4	10
7	Numerical study of the effect of yield strain and stress ratio on the measurement accuracy of biaxial residual stress in steels using indentation. Journal of Materials Research and Technology, 2020, 9, 3950-3957.	5.8	8
8	A procedure for high residual stresses measurement using the ring-core method. Strain, 2018, 54, e12270.	2.4	4
9	Anti-plane analysis of functionally graded materials weakened by several moving cracks. Journal of Mechanical Science and Technology, 2012, 26, 3525-3531.	1.5	1
10	Numerical Study of Plasticity Effects on High Residual Stress Measurement Using Ring-Core Technique. Journal of Testing and Evaluation, 2019, 47, 4452-4464.	0.7	1