

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