

Suraj Joshi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

232
citations

8
h-index

15
g-index

18
ext. papers

251
ext. citations

3.3
avg, IF

2.8
L-index

#	Paper	IF	Citations
15	Characterization of material properties and heat source parameters in welding simulation of two overlapping beads on a substrate plate. <i>Computational Materials Science</i> , 2013 , 69, 559-565	3.2	52
14	Comparison of experimental and theoretical residual stresses in welds: The issue of gauge volume. <i>International Journal of Mechanical Sciences</i> , 2008 , 50, 513-521	5.5	50
13	Residual stresses measurement by neutron diffraction and theoretical estimation in a single weld bead. <i>International Journal of Pressure Vessels and Piping</i> , 2006 , 83, 381-387	2.4	32
12	Residual stresses in flux cored arc welding process in bead-on-plate specimens. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 534, 13-21	5.3	29
11	Weld-induced residual stresses in a prototype dragline cluster and comparison with design codes. <i>Thin-Walled Structures</i> , 2010 , 48, 89-102	4.7	15
10	Hardness, Microstructure, and Residual Stresses in Low Carbon Steel Welding with Post-weld Heat Treatment and Temper Bead Welding. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014 , 45, 2030-2037	2.3	13
9	A comparative study on application of design codes for prediction of fatigue life of a mining dragline cluster. <i>Engineering Failure Analysis</i> , 2009 , 16, 1562-1569	3.2	11
8	Failure analysis of threaded connections in large-scale steel tie rods. <i>Engineering Failure Analysis</i> , 2011 , 18, 2008-2018	3.2	8
7	Influence of variations in geometric parameters and an alternative design for improved fatigue life of a mining dragline joint. <i>Engineering Structures</i> , 2010 , 32, 1333-1340	4.7	8
6	Material properties characterization of low carbon steel using TBW and PWHT techniques in smooth-contoured and U-shaped geometries. <i>International Journal of Pressure Vessels and Piping</i> , 2013 , 111-112, 269-278	2.4	4
5	Structural behavior of large-scale triangular and trapezoidal threaded steel tie rods in assembly using finite element analysis. <i>Engineering Failure Analysis</i> , 2013 , 34, 150-165	3.2	3
4	Service loads in dragline tubular structures: a case study of cluster A5. <i>Structural Control and Health Monitoring</i> , 2013 , 20, 210-229	4.5	2
3	Numerical Simulation of Welding Induced Residual Stresses in a Circular Hollow Section T-Joint 2006 , 555		1
2	TBW technique by varying weld polarities in SMAW as an alternative to PWHT. <i>International Journal of Pressure Vessels and Piping</i> , 2021 , 194, 104505	2.4	0
1	Identification of Motive Forces on the Whole Body System during Walking. <i>Advances in Acoustics and Vibration</i> , 2010 , 2010, 1-7	0.8	