

Youngseog Lee

List of Publications by Year in descending order

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papers

172
citations

1163117

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all docs

27
docs citations

27
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Integrity Assessment of Defected Gas Pipelines Using a Simplified Ductile Damage Model. Journal of Pressure Vessel Technology, Transactions of the ASME, 2022, 144, .	0.6	0
2	A roll-bending approach to suppress the edge cracking of silicon steel in the cold rolling process. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 112-124.	2.4	5
3	Process Condition Diagram Predicting Onset of Microdefects and Fracture in Cold Bar Drawing. Metals, 2021, 11, 479.	2.3	6
4	Numerical Analysis of Edge Cracking in High-Silicon Steel during Cold Rolling with 3D Fracture Locus. Applied Sciences (Switzerland), 2021, 11, 8408.	2.5	2
5	Analysis of the Influence of High Peening Coverage on Almen Intensity and Residual Compressive Stress. Applied Sciences (Switzerland), 2020, 10, 105.	2.5	9
6	Improvement of Radiant Heat Efficiency of the Radiant Tube Used for Continuous Annealing Line by Application of Additive Manufacturing Technology. Applied Sciences (Switzerland), 2020, 10, 8132.	2.5	1
7	Development of a Machine Learning Based Fast Running Model to Determine Rapidly the Process Conditions in Drawing Process. International Journal of Automotive Technology, 2019, 20, 9-17.	1.4	2
8	Evaluation of the prediction ability of ductile fracture criteria over a wide range of drawing conditions. Journal of Mechanical Science and Technology, 2019, 33, 4245-4254.	1.5	7
9	A method to construct the fracture locus in the range of high stress triaxiality when only a round tensile specimen is available. Journal of Mechanical Science and Technology, 2019, 33, 1195-1201.	1.5	3
10	Finite element-based inverse approach to estimate the friction coefficient in hot bar rolling process. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 1996-2007.	2.4	2
11	Investigation of the Microstructure of Laser-Arc Hybrid Welded Boron Steel. Jom, 2018, 70, 1548-1553.	1.9	4
12	An approximate model to predict the surface profile of material sections in a 3-roll rolling process. Journal of Mechanical Science and Technology, 2017, 31, 3489-3497.	1.5	2
13	Diagnosis of Combined Cycle Power Plant Based on Thermoeconomic Analysis: A Computer Simulation Study. Entropy, 2017, 19, 643.	2.2	11
14	Experimental study on variations in Charpy impact energies of low carbon steel, depending on welding and specimen cutting method. Journal of Mechanical Science and Technology, 2016, 30, 2019-2028.	1.5	3
15	Thermal Stress Evolution of the Roll During Rolling and Idling in Hot Strip Rolling Process. Journal of Thermal Stresses, 2014, 37, 981-1001.	2.0	14
16	A Study on Design Equation of Separating and Oval Roll Grooves in Rebar Manufacturing Process. Materials and Manufacturing Processes, 2014, 29, 100-106.	4.7	5
17	A strip holding system for finite element simulation of Almen strip testing. Journal of Mechanical Science and Technology, 2014, 28, 2825-2830.	1.5	4
18	An Approach to Predict the Depth of the Decarburized Ferrite Layer of Spring Steel Based on Measured Temperature History of Material during Cooling. ISIJ International, 2014, 54, 1682-1689.	1.4	14

#	ARTICLE	IF	CITATIONS
19	An in-line model for predicting front end bending in hot plate rolling and its experimental verification. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 1111-1120.	2.4	2
20	A study to predict the creation of surface defects on material and suppress them in caliber rolling process. International Journal of Precision Engineering and Manufacturing, 2013, 14, 1727-1734.	2.2	9
21	Effect of the Roll Surface Profile on Centerline Segregation in Soft Reduction Process. ISIJ International, 2012, 52, 1266-1272.	1.4	27
22	An Approximate Model for Local Strain Variation over Material Thickness and Its Applications to Thick Plate Rolling Process. ISIJ International, 2009, 49, 402-407.	1.4	12
23	TEMPERATURE DEPENDENT FRACTURE MODEL AND ITS APPLICATION TO ULTRA HEAVY THICK STEEL PLATE USED FOR SHIPBUILDING. , 2009, , .		0
24	TEMPERATURE DEPENDENT FRACTURE MODEL AND ITS APPLICATION TO ULTRA HEAVY THICK STEEL PLATE USED FOR SHIPBUILDING. International Journal of Modern Physics B, 2008, 22, 5483-5488.	2.0	16
25	Experimental and Semi-analytical Study of Wear Contour of Roll Groove and Its Applications to Rod Mill. ISIJ International, 2007, 47, 1006-1015.	1.4	8
26	Deformation analysis of micro-sized material using strain gradient plasticity. Journal of Mechanical Science and Technology, 2006, 20, 621-633.	1.5	4
27	Analysis of billet rolling in a continuous mill using idle vertical stands. Journal of Mechanical Science and Technology, 2004, 18, 762-769.	0.4	0