

Henri Champliaud

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

217
citations

1163117

8
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	FEM dynamic simulation and analysis of the roll-bending process for forming a conical tube. Journal of Materials Processing Technology, 2008, 198, 330-343.	6.3	68
2	Modeling and simulation of asymmetrical three-roll bending process. Simulation Modelling Practice and Theory, 2011, 19, 1913-1917.	3.8	34
3	Numerical study of non-kinematical conical bending with cylindrical rolls. Simulation Modelling Practice and Theory, 2009, 17, 1710-1722.	3.8	22
4	Three-stage process for improving roll bending quality. Simulation Modelling Practice and Theory, 2011, 19, 887-898.	3.8	20
5	Experimental and finite element analysis of temperature and energy partition to the workpiece while grinding with a flexible robot. Journal of Materials Processing Technology, 2013, 213, 2292-2303.	6.3	20
6	Analysis of the asymmetrical roll bending process through dynamic FE simulations and experimental study. International Journal of Advanced Manufacturing Technology, 2014, 75, 1233-1244.	3.0	18
7	Experimental analysis of an asymmetrical three-roll bending process. International Journal of Advanced Manufacturing Technology, 2016, 83, 1823-1833.	3.0	16
8	Investigation of non-kinematic conical roll bending process with conical rolls. Simulation Modelling Practice and Theory, 2012, 27, 65-75.	3.8	9
9	Force model for impact cutting grinding with a flexible robotic tool holder. International Journal of Advanced Manufacturing Technology, 2016, 85, 133-147.	3.0	8
10	Analytical Modeling and FE Simulation for Analyzing Applied Forces During Roll Bending Process. , 2012, , .		1
11	Dynamic FE Analysis for Reducing the Flat Areas of Formed Shapes Obtained by Roll Bending Process. , 2013, , .		1
12	Simulation of a Three-Stage Process for Forming a Closed Cone From a Plate. , 2008, , .		0
13	Three-Dimensional Finite Element Analyses for Pyramidal Three-Roll Bending Process. , 2009, , .		0
14	Analyses of Non-Kinematic Conical Roll Bending Process With Conical Rolls. , 2010, , .		0
15	Numerical Simulation of Mecano-Welding Process for Cylinder Manufacturing. , 2012, , .		0
16	Using Pyramidal Three-Roll Bending Process to Improve the Quality of Seamed Cylinders. , 2013, , .		0
17	FEM Analysis of Mecano-Welding Process for Manufacturing Cylinders. Key Engineering Materials, 0, 549, 444-451.	0.4	0