

Numpon Mahayotsanun

List of Publications by Year in descending order

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19
papers

189
citations

1478505

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all docs

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docs citations

19
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Sheet thinning prediction method based on localized friction effect in deep-drawing. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402095394.	1.6	4
2	Finite Element Analysis of Grain Size Effects on Curvature in Micro-Extrusion. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4767.	2.5	6
3	Heat Transfer Enhancement by Shot Peening of Stainless Steel. <i>Coatings</i> , 2020, 10, 584.	2.6	1
4	Mechanical Investigations of ASTM A36 Welded Steels with Stainless Steel Cladding. <i>Coatings</i> , 2020, 10, 844.	2.6	13
5	Effects of Tool Coatings on Energy Consumption in Micro-Extrusion of Aluminum Alloy 6063. <i>Coatings</i> , 2020, 10, 381.	2.6	1
6	Tearing defect maps for the deep drawing of AISI 304 rectangular cups. <i>Materialpruefung/Materials Testing</i> , 2020, 62, 769-774.	2.2	3
7	Energy Consideration in the Microextrusion of Aluminum Alloy 6063. <i>Journal of Micro and Nano-Manufacturing</i> , 2020, 8, .	0.7	0
8	Formability Effects of Variable Blank Holder Force on Deep Drawing of Stainless Steel. <i>MATEC Web of Conferences</i> , 2016, 80, 15005.	0.2	1
9	Wear prediction of die coatings in strip ironing by finite element simulation. <i>Transactions of the Institute of Metal Finishing</i> , 2016, 94, 199-203.	1.3	2
10	Pressure and Draw-In Maps for Stamping Process Monitoring. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2016, 138, .	2.2	5
11	Tribological effects of chlorine-free lubricant in strip drawing of advanced high strength steel. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2016, 230, 974-982.	1.8	5
12	Influences of contact pressure, sliding velocity, lubricant, bending angle and surface texture on friction behaviours in stainless steel strip drawing. <i>Advances in Materials and Processing Technologies</i> , 2015, 1, 350-360.	1.4	1
13	Tribology in metal forming at elevated temperatures. <i>Friction</i> , 2015, 3, 1-27.	6.4	82
14	On-line measurement of contact pressure distribution at tool-workpiece interfaces in manufacturing operations. <i>CIRP Annals - Manufacturing Technology</i> , 2010, 59, 399-402.	3.6	14
15	Tooling-integrated sensing systems for stamping process monitoring. <i>International Journal of Machine Tools and Manufacture</i> , 2009, 49, 634-644.	13.4	38
16	Integrated Sensing System for Stamping Monitoring Control. , 2007, , .		7
17	A Draw-In Sensor for Process Control and Optimization. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	6
18	Microimprinting Simulation of Anti-Bacterial Pattern on Stainless Steel Sheet. <i>Advanced Materials Research</i> , 0, 931-932, 349-353.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Effects of Friction Models, Geometry and Position of Tool on Curving Tendency of Micro-Extrusion 6063 Aluminum Alloy Pins. Key Engineering Materials, 0, 739, 135-142.	0.4	0