

# Numpon Mahayotsanun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4168727/publications.pdf>

Version: 2024-02-01

19  
papers

189  
citations

1478505

6  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

168  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Energy Consideration in the Microextrusion of Aluminum Alloy 6063. Journal of Micro and Nano-Manufacturing, 2020, 8, .	0.7	0