

Antonio Del Prete

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

279
citations

1163065

8
h-index

996954

15
g-index

52
all docs

52
docs citations

52
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive manufacturing integration with topology optimization methodology for innovative product design. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 467-479.	3.0	44
2	A physically based constitutive model for predicting the surface integrity in machining of Waspaloy. <i>Materials and Design</i> , 2018, 152, 140-155.	7.0	40
3	Influence of friction models on FE simulation results of orthogonal cutting process. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 3217-3232.	3.0	38
4	Numerical Simulation of Machining Nickel-Based Alloys. <i>Procedia CIRP</i> , 2013, 8, 540-545.	1.9	25
5	Allergic Conjunctivitis and Latent Infections. <i>Cornea</i> , 2009, 28, 839-842.	1.7	17
6	Inverse analysis procedure to determine flow stress and friction data for finite element modeling of machining. <i>International Journal of Material Forming</i> , 2017, 10, 685-695.	2.0	15
7	Laser Defocusing Effect on the Microstructure and Defects of 17-4PH Parts Additively Manufactured by SLM at a Low Energy Input. <i>Metals</i> , 2021, 11, 588.	2.3	14
8	Computer Aided Modelling of Rubber Pad Forming Process. <i>Key Engineering Materials</i> , 2011, 473, 637-644.	0.4	9
9	The use of FEA packages in the simulation of a drawing operation with springback, in the presence of random uncertainty. <i>Finite Elements in Analysis and Design</i> , 2010, 46, 527-534.	3.2	7
10	Prediction of Surface Integrity Parameters in Roller Burnishing of Ti6Al4V. <i>Metals</i> , 2020, 10, 1671.	2.3	7
11	A physically based constitutive model of microstructural evolution of Ti6Al4V hard machining under different lubri-cooling conditions. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 112, 1641-1659.	3.0	7
12	Innovative method for traceability of hides throughout the leather manufacturing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 3563-3570.	3.0	6
13	A Physically Based Model to Predict Microstructural Modifications in Inconel 718 High Speed Machining. <i>Procedia Manufacturing</i> , 2020, 47, 487-492.	1.9	6
14	Innovative Methodology for the Identification of the Most Suitable Additive Technology Based on Product Characteristics. <i>Metals</i> , 2021, 11, 409.	2.3	5
15	Tool Engage Investigation in Nickel Superalloy Turning Operations. <i>Key Engineering Materials</i> , 2012, 504-506, 1305-1310.	0.4	4
16	Experimental springback evaluation in hydromechanical deep drawing (HDD) of large products. <i>Production Engineering</i> , 2012, 6, 117-127.	2.3	3
17	Inverse Analysis Procedure to Determine Flow Stress and Friction Data for Metal Cutting Finite Element Modeling. <i>Key Engineering Materials</i> , 2015, 651-653, 1345-1350.	0.4	3
18	Finite Element Modeling of Microstructural Changes in Hard Machining of SAE 8620. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 121.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Sheet Metal Forming Optimization Methodology for Servo Press Process Control Improvement. <i>Metals</i> , 2020, 10, 271.	2.3	3
20	Feasibility Evaluation of Sheet Metal Hydroformed Components through Shape Factors Application. <i>Key Engineering Materials</i> , 2009, 410-411, 25-36.	0.4	2
21	Numerical-Experimental Correlation of Distortions Induced by Machining Process on Thin-Walled Nickel Super Alloy Forged Components. <i>Key Engineering Materials</i> , 2012, 504-506, 1299-1304.	0.4	2
22	Ring rolling process simulation for geometry optimization. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
23	Numerical simulation of machining distortions on a forged aerospace component following a one and a multi-step approaches. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
24	Development of a numerical model for the cryogenic machining simulation applied to a nickel superalloy. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
25	Optimization of cutting conditions using an evolutive online procedure. <i>Journal of Intelligent Manufacturing</i> , 2020, 31, 481-499.	7.3	2
26	Case Report: Tear liquid for diagnosis of Alzheimer disease.. , 0, , .		2
27	Multi Shape Sheet Hydroforming Tooling Design. <i>Key Engineering Materials</i> , 2007, 344, 453-460.	0.4	1
28	Bending Testing Rig Development through CAE Tools Application. <i>Key Engineering Materials</i> , 2012, 504-506, 803-808.	0.4	1
29	Modelling of Damage in Blanking Processes. <i>Key Engineering Materials</i> , 0, 554-557, 2432-2439.	0.4	1
30	Nickel Superalloy Components Surface Integrity Control through Numerical Optimization. <i>Key Engineering Materials</i> , 2014, 611-612, 1396-1403.	0.4	1
31	Experimental analysis of influence of cutting conditions on machinability of waspaloy. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
32	Innovative Manufacturing Process of Functionalized PA2200 for Reduced Adhesion Properties. <i>Journal of Manufacturing and Materials Processing</i> , 2020, 4, 36.	2.2	1
33	CAE Tools as Valid Opportunity to Improve Quality Control Systems Performances for Sheet Metal Formed Components. , 2008, , .		1
34	Multi Shape Sheet Hydroforming Tooling Design. <i>Key Engineering Materials</i> , 0, , 453-460.	0.4	1
35	Process Performances Evaluation Using a Specific Shape Factor in the Case of Sheet Hydroforming. <i>Key Engineering Materials</i> , 0, 410-411, 43-52.	0.4	0
36	Sheet Metal Forming Process Design Rules Development. <i>Key Engineering Materials</i> , 2011, 473, 765-772.	0.4	0

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37	Process Design for Hydroformed Tailored Blanks Technology through CAE Techniques. Key Engineering Materials, 2011, 473, 99-104.	0.4	0
38	Punch Radius Influence on "Large Size" Hydroformed Components. Key Engineering Materials, 2012, 504-506, 937-942.	0.4	0
39	Development of Accurate Numerical Models for Bending of Aluminum Tailored Blanks. Key Engineering Materials, 0, 549, 205-212.	0.4	0
40	Blank Shape Optimization in Sheet Hydroforming Process. Key Engineering Materials, 2013, 549, 197-204.	0.4	0
41	Wearing Evaluation in Nickel Super-Alloys Turning for the Development of a Predictive Model for CAM Optimization. Key Engineering Materials, 2014, 611-612, 1264-1273.	0.4	0
42	Shape Factors and Feasibility of Sheet Metal Hydroformed Components. Key Engineering Materials, 2015, 651-653, 1134-1139.	0.4	0
43	Numerical "Experimental Correlation of Sheet Hydroformed Component. Key Engineering Materials, 2015, 651-653, 1140-1145.	0.4	0
44	A Numerical Procedure for Machining Distortions Simulation on a SAF 2507 Casting Workpiece. Key Engineering Materials, 2015, 651-653, 1241-1246.	0.4	0
45	Minimization of Energy Consumptions by Means of an Intelligent Production Scheduling. Key Engineering Materials, 0, 639, 525-532.	0.4	0
46	The Use of FEA in the Simulation of a Metal Cutting Operations in the Presence of Random Uncertainty. Key Engineering Materials, 2015, 651-653, 1247-1254.	0.4	0
47	Numerical simulation of machining distortions on a forged component obtained by ring rolling process. AIP Conference Proceedings, 2017, , .	0.4	0
48	Ring rolling process simulation for microstructure optimization. AIP Conference Proceedings, 2017, , .	0.4	0
49	Development of an automatic procedure for machining distortions improvement on an aeronautic axisymmetric component. AIP Conference Proceedings, 2019, , .	0.4	0
50	Using correlative microscopy for studying and treatment of Mycoplasma infections of the ophtalmic mucosa. International Journal of Clinical and Experimental Ophthalmology, 2020, 4, 015-020.	0.1	0