

Gheorghe Oancea

List of Publications by Year in descending order

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47
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48
all docs

48
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48
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Agent-Based Simulation of Value Flow in an Industrial Production Process. Processes, 2019, 7, 82.	1.3	19
2	Digital manufacturing of air-cooled single-cylinder engine block. International Journal of Advanced Manufacturing Technology, 2015, 80, 747-759.	1.5	15
3	Achieving Accuracy Improvements for Single-Point Incremental Forming Process Using a Circumferential Hammering Tool. Metals, 2021, 11, 482.	1.0	15
4	Some Considerations Regarding Micro Hardness of Parts Manufactured from 316-L Steel Using SLM Technology. Applied Mechanics and Materials, 0, 760, 515-520.	0.2	13
5	Integrating a New Software Tool Used for Tool Path Generation in the Numerical Simulation of Incremental Forming Processes. Strojnicki Vestnik/Journal of Mechanical Engineering, 2018, 64, 643-651.	0.6	13
6	Magnetic Particle Inspection Optimization Solution within the Frame of NDT 4.0. Processes, 2021, 9, 1067.	1.3	10
7	Study on SLM manufacturing of teeth used for dental tools testing. MATEC Web of Conferences, 2017, 94, 03002.	0.1	9
8	Remanufacturing of Damaged Parts Using Selective Laser Melting Technology. Applied Mechanics and Materials, 2014, 693, 285-290.	0.2	8
9	Incremental deformation: A literature review. MATEC Web of Conferences, 2017, 121, 03017.	0.1	8
10	Characterisation of EN 1.4136 stainless steel heat-treated in solar furnace. International Journal of Advanced Manufacturing Technology, 2019, 101, 2955-2964.	1.5	8
11	Influence of Layer Thickness on Internal Structure of Parts Manufactured from 316-L Steel Using SLM Technology. Applied Mechanics and Materials, 0, 809-810, 369-374.	0.2	7
12	A Case Study of Reverse Engineering Integrated in an Automated Design Process. IOP Conference Series: Materials Science and Engineering, 2016, 161, 012029.	0.3	7
13	Researches on evaluation of smooth entrance in cutting using electrical current. A case study. MATEC Web of Conferences, 2017, 94, 02005.	0.1	6
14	Design and manufacturing of a fixing device for incremental sheet forming process. MATEC Web of Conferences, 2018, 178, 02004.	0.1	5
15	STEP-NC Compliant Intelligent CNC Milling Machine with an Open Architecture Controller. Applied Sciences (Switzerland), 2021, 11, 6223.	1.3	5
16	CAD Modeling of Part Assemblies Using Reverse Engineering Technique. Advanced Materials Research, 2012, 591-593, 7-10.	0.3	4
17	Thermal Expansion Analysis of the Complex Body Assemblies. Applied Mechanics and Materials, 0, 309, 162-169.	0.2	4
18	Electrical Current at Metal Cutting Process: A Literature Review. Applied Mechanics and Materials, 2015, 808, 40-47.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Study of health and safety in the manufacturing industry using Pareto analysis. MATEC Web of Conferences, 2019, 299, 05008.	0.1	4
20	A Fully Symmetrical High Performance Modular Milling Cutter. Symmetry, 2021, 13, 496.	1.1	4
21	Research on Surface Roughness of Hardox Steels Parts Machined by Abrasive Waterjet. Strojniski Vestnik/Journal of Mechanical Engineering, 2019, , .	0.6	4
22	Methodology for Measuring the Cutting Inserts Wear. Symmetry, 2022, 14, 469.	1.1	4
23	Recognizing Algorithm for Digitized Rotational Parts. , 2012, , .		3
24	Innovative approach of drills acquisition using electrical current. A case study. MATEC Web of Conferences, 2017, 112, 01023.	0.1	3
25	Research on manufacturing of pyramidal frustum parts using single point incremental forming process. IOP Conference Series: Materials Science and Engineering, 2019, 564, 012019.	0.3	3
26	Impact Testing on Composite Panels of Fiberglass, Carbon and Kevlar-Carbon A comparison and validation study. Materiale Plastice, 2017, 54, 700-707.	0.4	3
27	Design and Manufacturing Optimization of Single-Cylinder Engine Block Prototype Using CATIA Environment. Applied Mechanics and Materials, 0, 474, 165-170.	0.2	2
28	Impact Analysis of an Oxygen Mask Locking Panel of Aircraft Using Finite Element Modelling. Applied Mechanics and Materials, 2014, 657, 735-739.	0.2	2
29	A review of STEP-NC compliant CNC systems and possibilities of closed loop manufacturing. IOP Conference Series: Materials Science and Engineering, 0, 399, 012014.	0.3	2
30	Software Module for Data Exchange Between AutoCAD and a Virtual Reality System. , 2008, , 383-394.		2
31	Machining Parameters Optimization Based on Objective Function Linearization. Mathematics, 2022, 10, 803.	1.1	2
32	Customized Software Tools Integrated in Reverse Engineering Process of Rectangular Parts with Holes. Applied Mechanics and Materials, 2013, 371, 473-477.	0.2	1
33	Parts in CATIA Based on Reverse Engineering Technique. Applied Mechanics and Materials, 0, 371, 544-548.	0.2	1
34	Software Tool Used for Simulation of Metal Spinning Process for Complex Rotational Parts. Applied Mechanics and Materials, 0, 657, 153-157.	0.2	1
35	Studies on thermal contraction of crankshaft bearings under extreme low temperatures. Journal of Thermal Science, 2015, 24, 496-501.	0.9	1
36	A case study about acquisition of mechanically fixed cutting inserts. MATEC Web of Conferences, 2017, 137, 03004.	0.1	1

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37	Software tool used for automated design of customizable product. MATEC Web of Conferences, 2017, 137, 06003.	0.1	1
38	A new method for establishing the depths of cut for cast iron parts turning. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	0.8	1
39	Modular milling cutter with inner-cooling network. MATEC Web of Conferences, 2021, 343, 01009.	0.1	1
40	Balancing Rotating Parts. A New Method and Device. Mechanisms and Machine Science, 2022, , 183-190.	0.3	1
41	Design Methodology of Laminating Tools. Applied Mechanics and Materials, 0, 657, 121-125.	0.2	0
42	Smart Engineering Design of a V10 Engine Using Digital Prototyping Technologies. Applied Mechanics and Materials, 0, 657, 730-734.	0.2	0
43	Finite Element Analysis of Laminating Tools for Automotive Interior Parts. Applied Mechanics and Materials, 2014, 693, 273-278.	0.2	0
44	Impact Properties of Parts Manufactured from Fiberglass and Kevlar Composite Panels. Applied Mechanics and Materials, 2015, 809-810, 938-943.	0.2	0
45	Effect of Laminates Orientation on Impact Properties of Fiberglass and Kevlar Composite Panels. Applied Mechanics and Materials, 0, 808, 119-124.	0.2	0
46	A new role of unruly product design based on "Transformed Objects" design approach. MATEC Web of Conferences, 2018, 178, 05015.	0.1	0
47	Parametric design of a complex part in a FEM environment. MATEC Web of Conferences, 2019, 299, 03005.	0.1	0