

Leon KukieÅ,ka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2431505/publications.pdf>

Version: 2024-02-01

30
papers

301
citations

1040056

9
h-index

1125743

13
g-index

30
all docs

30
docs citations

30
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Experimental Analysis of Shear-Slitting of AA6111-T4 Aluminum Alloy Sheet. <i>Materials</i> , 2020, 13, 3175.	2.9	30
2	Designating the field areas for the contact of a rotary burnishing element with the rough surface of a part, providing a high-quality product. <i>Journal of Mechanical Working Technology</i> , 1989, 19, 319-356.	0.1	24
3	Possibility of Steering of Product Surface Layers Properties in Burnishing Rolling Process. <i>Applied Mechanics and Materials</i> , 0, 474, 442-447.	0.2	21
4	Investigation of Condensing Heating Surfaces with Reduced Corrosion of Boilers with Water-Fuel Emulsion Combustion. <i>Lecture Notes in Networks and Systems</i> , 2021, , 300-309.	0.7	19
5	Problems Determining of the Mechanical Properties of Metallic Materials from the Tensile Test in the Aspect of Numerical Calculations of the Technological Processes. <i>Applied Mechanics and Materials</i> , 0, 474, 454-459.	0.2	17
6	Three Dimensional Finite Element Simulation of Sheet Metal Blanking Process. <i>Applied Mechanics and Materials</i> , 0, 474, 430-435.	0.2	16
7	Incremental Modelling and Numerical Solution of the Contact Problem between Movable Elastic and Elastic/Visco-Plastic Bodies and Application in the Technological Processes. <i>Applied Mechanics and Materials</i> , 2014, 474, 159-164.	0.2	16
8	A possibility of application of MTDIL to the Residual stresses analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 77, 253-258.	3.6	15
9	3D Numerical Analysis the State of Elastic/Visco-Plastic Strain in the External Round Thread Rolled on Cold. <i>Applied Mechanics and Materials</i> , 0, 474, 436-441.	0.2	15
10	Using Nonlinear Contact Mechanics in Process of Tool Edge Movement on Deformable Body to Analysis of Cutting and Sliding Burnishing Processes. <i>Applied Mechanics and Materials</i> , 0, 474, 339-344.	0.2	13
11	Numerical Study of the Influence of Surface Regular Asperities Prepared in Previous Treatment by Embossing Process on the Object Surface Layer State after Burnishing. <i>Applied Mechanics and Materials</i> , 2014, 474, 448-453.	0.2	12
12	Numerical analysis of the process of trapezoidal thread rolling. <i>WIT Transactions on the Built Environment</i> , 2006, , .	0.0	12
13	Application of variational and FEM methods to the modelling and numerical analysis of guillotining process for geometrical and physical nonlinearity. <i>Mechanika</i> , 2014, 20, .	0.5	10
14	Numerical analysis of the physical phenomena in the working zone in the rolling process of the round thread. <i>WIT Transactions on Engineering Sciences</i> , 2007, , .	0.0	10
15	Numerical Analysis and Simulation of Drawpiece Forming Process by Finite Element Method. <i>Applied Mechanics and Materials</i> , 0, 474, 153-158.	0.2	9
16	APPLICATION OF VARIATIONAL AND FEM METHODS TO THE MODELLING AND NUMERICAL ANALYSIS OF THE SLITTING PROCESS FOR GEOMETRICAL AND PHYSICAL NONLINEARITY. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 487.	0.5	9
17	Experimental and Numerical Analysis of the Depth of the Strengthened Layer on Shafts Resulting from Roller Burnishing with Roller Braking Moment. <i>Materials</i> , 2021, 14, 5844.	2.9	9
18	Numerical analysis of the influence of abrasive grain geometry and cutting angle on states of strain and stress in the surface layer of object. <i>WIT Transactions on Engineering Sciences</i> , 2007, , .	0.0	7

#	ARTICLE	IF	CITATIONS
19	A Comparison of the Geometrical Accuracy of Thin-Walled Elements Made of Different Aluminum Alloys. <i>Materials</i> , 2021, 14, 7242.	2.9	6
20	Experimental and numerical researches of duplex burnishing process in aspect of achieved productive quality of the product. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	5
21	The Use of a High-Pressure Water-Ice Jet for Removing Worn Paint Coating in Renovation Process. <i>Materials</i> , 2022, 15, 1168.	2.9	5
22	Experimental and Numerical Studies of Tool Wear Processes in the Nibbling Process. <i>Materials</i> , 2022, 15, 107.	2.9	5
23	Batch Pyrolysis and Co-Pyrolysis of Beet Pulp and Wheat Straw. <i>Materials</i> , 2022, 15, 1230.	2.9	4
24	Study of the influence of selected anisotropic parameter in the Barlatâ€™s model on the drawpiece shape. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
25	3D finite element modelling of sheet metal blanking process. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
26	Burnishing rolling process of the surface prepared in the turning process. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
27	New method of determination of the tool rake angle on the basis of the crack angle of the specimen in tensile tests and numerical simulations. <i>WIT Transactions on Engineering Sciences</i> , 2009, , .	0.0	2
28	Evaluation of the correctness of the feed selection based on the analysis of chipâ€™s shape. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
29	Application of Ultraviolet Laser Working in Cold Ablation Conditions for Cutting Labels Used in Packaging in the Food Industry. <i>Materials</i> , 2020, 13, 5245.	2.9	1
30	Non-Symmetrical Direct Extrusionâ€™Analytical Modelling, Numerical Simulation and Experiment. <i>Materials</i> , 2021, 14, 7856.	2.9	0