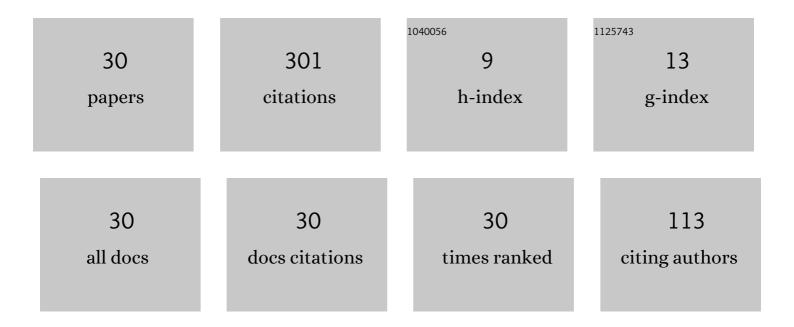
Leon KukieÅ,ka

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modeling and Experimental Analysis of Shear-Slitting of AA6111-T4 Aluminum Alloy Sheet. Materials, 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. Journal of Mechanical Working Technology, 1989, 19, 319-356.	0.1	24
3	Possibility of Steering of Product Surface Layers Properties in Burnishing Rolling Process. Applied Mechanics and Materials, 0, 474, 442-447.	0.2	21
4	Investigation of Condensing Heating Surfaces with Reduced Corrosion of Boilers with Water-Fuel Emulsion Combustion. Lecture Notes in Networks and Systems, 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. Applied Mechanics and Materials, 0, 474, 454-459.	0.2	17
6	Three Dimensional Finite Element Simulation of Sheet Metal Blanking Process. Applied Mechanics and Materials, 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. Applied Mechanics and Materials, 2014, 474, 159-164.	0.2	16
8	A possibility of application of MTDIL to the Residual stresses analysis. Journal of Thermal Analysis and Calorimetry, 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. Applied Mechanics and Materials, 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. Applied Mechanics and Materials, 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. Applied Mechanics and Materials, 2014, 474, 448-453.	0.2	12
12	Numerical analysis of the process of trapezoidal thread rolling. WIT Transactions on the Built Environment, 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. Mechanika, 2014, 20, .	0.5	10
14	Numerical analysis of the physical phenomena in the working zone in the rolling process of the round thread. WIT Transactions on Engineering Sciences, 2007, , .	0.0	10
15	Numerical Analysis and Simulation of Drawpiece Forming Process by Finite Element Method. Applied Mechanics and Materials, 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. Journal of Theoretical and Applied Mechanics, 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. Materials, 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. WIT Transactions on Engineering Sciences, 2007, , .	0.0	7

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