

Jn Duplk

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

252
citations

9
h-index

12
g-index

55
ext. papers

284
ext. citations

0.8
avg, IF

3.3
L-index

#	Paper	IF	Citations
48	Comprehensive Identification of Sintered Carbide Durability in Machining Process of Bearings Steel 100CrMn6. <i>Advanced Materials Research</i> , 2011 , 340, 30-33	0.5	24
47	Analytical Expression of T-vc Dependence in Standard ISO 3685 for Cutting Ceramic. <i>Key Engineering Materials</i> , 2011 , 480-481, 317-322	0.4	21
46	Analysis of Cutting Tools Durability Compared with Standard ISO 3685. <i>International Journal of Computer Theory and Engineering</i> , 2012 , 621-624	0.1	14
45	Study of Surface Roughness of Machined Polymer Composite Material. <i>International Journal of Polymer Science</i> , 2015 , 2015, 1-6	2.4	12
44	Turning Bearing Rings and Determination of Selected Cutting Materials Durability. <i>Advanced Science Letters</i> , 2013 , 19, 2486-2489	0.1	12
43	Illumination simulation of working environment during the testing of cutting materials durability. <i>Ain Shams Engineering Journal</i> , 2019 , 10, 161-169	4.4	11
42	Determination of Optimal Production Process Using Scheduling and Simulation Software. <i>International Journal of Simulation Modelling</i> , 2018 , 17, 609-622	2.5	11
41	Theory and Practice in the Process of T-vc Dependence Creation for Selected Cutting Material. <i>Advanced Materials Research</i> , 2013 , 716, 261-265	0.5	10
40	Comprehensive Identification of Durability for Selected Cutting Tool Applied on the Base of Taylor Dependence. <i>Advanced Materials Research</i> , 2013 , 716, 254-260	0.5	10
39	Ergonomic rationalization of lighting in the working environment. Part I.: Proposal of rationalization algorithm for lighting redesign. <i>International Journal of Industrial Ergonomics</i> , 2019 , 71, 92-102	2.9	9
38	Comparison of Theory and Practice in Analytical Expression of Cutting Tools Durability for Potential Use at Manufacturing of Bearings. <i>Applied Mechanics and Materials</i> , 2014 , 616, 300-307	0.3	9
37	New Experimental Expression of Durability Dependence for Ceramic Cutting Tool. <i>Applied Mechanics and Materials</i> , 2013 , 275-277, 2230-2236	0.3	9
36	Balance Equation - An Essential Element of the Definition of the Drying Process. <i>Advanced Materials Research</i> , 2013 , 849, 310-315	0.5	9
35	Comprehensive Expression of Durability for the Selected Cutting Tools in Comparison with Standard ISO 3685. <i>Advanced Science Letters</i> , 2013 , 19, 460-463	0.1	8
34	Comprehensive analysis and study of the machinability of a high strength aluminum alloy (EN AW-AlZn5.5MgCu) in the high-feed milling. <i>Advances in Production Engineering and Management</i> , 2018 , 13, 455-465	2.5	8
33	Study of the Surface Material AISI 304 Usable for Actuator after the Process of Turning. <i>Applied Mechanics and Materials</i> , 2013 , 460, 107-114	0.3	7
32	Roller Bearings and Analytical Expression of Selected Cutting Tools Durability in Machining Process of Steel 80MoCrV4016. <i>Applied Mechanics and Materials</i> , 2013 , 415, 610-613	0.3	7

31	Durability Analysis for Selected Cutting Tools in Machining Process of Steel 16MoV6-3. <i>Applied Mechanics and Materials</i> , 2013 , 308, 133-139	0.3	6
30	Implementation of Industry 4.0 Using E-learning and M-learning Approaches in Technically-Oriented Education. <i>TEM Journal</i> , 2021 , 368-375	2.6	6
29	The Moisture of Ceramic Powder and the Importance of Monitoring this Parameter during Drying in the Spray Dryer. <i>Applied Mechanics and Materials</i> , 2014 , 528, 175-180	0.3	5
28	Study of Surface Quality after Turning of Steel AISI 304. <i>Manufacturing Technology</i> , 2014 , 14, 527-532	0.7	4
27	Influence of Residual Stress Induced in Steel Material on Eddy Currents Response Parameters. <i>Lecture Notes in Mechanical Engineering</i> , 2019 , 551-560	0.4	4
26	Machinability Research by New Abrasion-Resistant Cast Irons Cutting. <i>Key Engineering Materials</i> , 2015 , 669, 118-125	0.4	3
25	Prediction model of surface roughness parameters of structural steel created by plasma arc cutting via full factor experiment. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2019 , 50, 1207-1220	0.9	3
24	The Comprehensive Comparison of the Selected Cutting Materials with Standard ISO 3685 in Machining Process of Steel C60. <i>Applied Mechanics and Materials</i> , 2014 , 718, 93-98	0.3	3
23	PROPOSAL OF MEASURING FIXTURE FOR SERIAL PRODUCTION. <i>MM Science Journal</i> , 2016 , 2016, 1082-1085	1.9	3
22	RESEARCH ON THE DURABILITY OF SELECTED CUTTING MATERIALS IN THE PROCESS OF TURNING CARBON STEEL. <i>MM Science Journal</i> , 2016 , 2016, 1086-1089	1.9	3
21	Analysis of Cutting Tools Durability Importance in Turning Process of Steel C60. <i>Key Engineering Materials</i> , 2015 , 669, 319-326	0.4	2
20	Method for Measurement of Residual Stresses using Eddy Currents. <i>Key Engineering Materials</i> , 2015 , 669, 409-416	0.4	2
19	COMPARISON OF PROGRAMMING PRODUCTION OF THIN WALLED PARTS USING DIFFERENT CAM SYSTEMS. <i>MM Science Journal</i> , 2016 , 2016, 1056-1059	1.9	2
18	Prediction of Cutting Material Durability by $T = f(v_c)$ Dependence for Turning Processes. <i>Processes</i> , 2020 , 8, 789	2.9	2
17	Estimation of Wear Resistance for Multilayer Coatings Obtained by Nitrogenchroming. <i>Metals</i> , 2021 , 11, 1153	2.3	2
16	Comprehensive Durability Identification of Ceramic Cutting Materials in Machining Process of Steel 80MoCrV4016. <i>Key Engineering Materials</i> , 2015 , 669, 286-293	0.4	1
15	Creation of Mathematical Prescription of Residual Stress Depending on Various Cutting Conditions. <i>Key Engineering Materials</i> , 2015 , 669, 126-133	0.4	1
14	Bearing Rings Turning and the Impact of this Process for Resulting Durability of Selected Cutting Materials Durability. <i>Key Engineering Materials</i> , 2015 , 669, 278-285	0.4	1

13	Study of Welding Parameters Effect on the Weld Quality for Structural Steel S235 J0. <i>Key Engineering Materials</i> , 2015 , 669, 79-86	0.4	1
12	Analysis of Selected Properties of Cutting Ceramics at Machining Process of Bearing Steel 100Cr6. <i>Applied Mechanics and Materials</i> , 2014 , 616, 308-316	0.3	1
11	The Analysis of Ceramic Cutting Tools Durability in Machining Process of Steel C60 Applied According to Standard ISO 3685. <i>Applied Mechanics and Materials</i> , 2013 , 275-277, 2190-2194	0.3	1
10	Using Software Zelio Soft in Educational Process to Simulation Control Programs for Intelligent Relays. <i>Technological Engineering</i> , 2016 , 13, 28-30	0.3	1
9	Impact of Cutting Speed on the Resultant Cutting Tools Durability in Turning Process of Steel 100CrMn6. <i>Applied Mechanics and Materials</i> , 2014 , 616, 292-299	0.3	0
8	Evaluation of T-Vc Dependence for the most Commonly Used Cutting Tools. <i>Key Engineering Materials</i> , 2015 , 669, 311-318	0.4	
7	Impact of Cutting Speed on the Resultant Durability of Cutting Tool in Machining Process of Steel C45. <i>Key Engineering Materials</i> , 2015 , 669, 294-301	0.4	
6	The Comparison of Durability Ceramic Cutting Tools in Turning Process of Steel 80MoCrV4016. <i>Applied Mechanics and Materials</i> , 2014 , 718, 110-115	0.3	
5	Non-Destructive Testing of Inhomogeneity of Wood Plastic Composite. <i>Applied Mechanics and Materials</i> , 2014 , 718, 71-76	0.3	
4	Tapered Roller Bearing and Comprehensive Durability Identification of Ceramic Cutting Materials in Machining Process of Steel 80MoCrV4016. <i>Applied Mechanics and Materials</i> , 2013 , 415, 606-609	0.3	
3	Detail Study and Analysis of Durability for Selected Cutting Materials According to Taylor's Theory. <i>Key Engineering Materials</i> , 2013 , 581, 3-8	0.4	
2	Ceramic Powder (Silicon Carbide) - Monitoring and Influencing Process its Production. <i>Advanced Materials Research</i> , 2013 , 842, 316-321	0.5	
1	Advanced Configuration Parameters of Post Processor Influencing Tensile Testing PLA and Add-Mixtures in Polymer Matrix in the Process of FDM Technology. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6212	2.6	