

Jn Duplk

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3966341/jan-duplak-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
47	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	
46	Estimation of Wear Resistance for Multilayer Coatings Obtained by Nitrogenchroming. <i>Metals</i> , 2021 , 11, 1153	2.3	2
45	Prediction of Cutting Material Durability by $T = f(vc)$ Dependence for Turning Processes. <i>Processes</i> , 2020 , 8, 789	2.9	2
44	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
43	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
42	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
41	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
40	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
39	Determination of Optimal Production Process Using Scheduling and Simulation Software. <i>International Journal of Simulation Modelling</i> , 2018 , 17, 609-622	2.5	11
38	COMPARISON OF PROGRAMMING PRODUCTION OF THIN WALLED PARTS USING DIFFERENT CAM SYSTEMS. <i>MM Science Journal</i> , 2016 , 2016, 1056-1059	1.9	2
37	PROPOSAL OF MEASURING FIXTURE FOR SERIAL PRODUCTION. <i>MM Science Journal</i> , 2016 , 2016, 1082-1085	1.9	3
36	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
35	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
34	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
33	Analysis of Cutting Tools Durability Importance in Turning Process of Steel C60. <i>Key Engineering Materials</i> , 2015 , 669, 319-326	0.4	2
32	Machinability Research by New Abrasion-Resistant Cast Irons Cutting. <i>Key Engineering Materials</i> , 2015 , 669, 118-125	0.4	3

31	Evaluation of T-Vc Dependence for the most Commonly Used Cutting Tools. <i>Key Engineering Materials</i> , 2015 , 669, 311-318	0.4	
30	Creation of Mathematical Prescription of Residual Stress Depending on Various Cutting Conditions. <i>Key Engineering Materials</i> , 2015 , 669, 126-133	0.4	1
29	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	
28	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
27	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
26	Study of Surface Roughness of Machined Polymer Composite Material. <i>International Journal of Polymer Science</i> , 2015 , 2015, 1-6	2.4	12
25	Method for Measurement of Residual Stresses using Eddy Currents. <i>Key Engineering Materials</i> , 2015 , 669, 409-416	0.4	2
24	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	
23	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
22	Non-Destructive Testing of Inhomogeneity of Wood Plastic Composite. <i>Applied Mechanics and Materials</i> , 2014 , 718, 71-76	0.3	
21	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
20	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
19	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
18	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
17	Study of Surface Quality after Turning of Steel AISI 304. <i>Manufacturing Technology</i> , 2014 , 14, 527-532	0.7	4
16	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	
15	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	
14	New Experimental Expression of Durability Dependence for Ceramic Cutting Tool. <i>Applied Mechanics and Materials</i> , 2013 , 275-277, 2230-2236	0.3	9

13	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
12	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
11	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
10	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
9	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
8	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
7	Ceramic Powder (Silicon Carbide) - Monitoring and Influencing Process its Production. <i>Advanced Materials Research</i> , 2013 , 842, 316-321	0.5	
6	Balance Equation - An Essential Element of the Definition of the Drying Process. <i>Advanced Materials Research</i> , 2013 , 849, 310-315	0.5	9
5	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
4	Turning Bearing Rings and Determination of Selected Cutting Materials Durability. <i>Advanced Science Letters</i> , 2013 , 19, 2486-2489	0.1	12
3	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
2	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
1	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