

Uwe Teicher

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5775147/uwe-teicher-publications-by-year.pdf>

Version: 2024-04-20

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.

24
papers

232
citations

7
h-index

15
g-index

26
ext. papers

268
ext. citations

2.6
avg, IF

2.99
L-index

#	Paper	IF	Citations
24	Feature Engineering for Machine Learning using a Software-Based Approach for Machining Operations. <i>Lecture Notes in Production Engineering</i> , 2022 , 525-534	0	
23	Impact of Cyber-physically enhanced manufacturing on the product requirement documentation in high-tech applications. <i>Procedia CIRP</i> , 2021 , 102, 210-215	1.8	1
22	Cyber-physical approach toward semiautonomous postprocessing of additive manufactured parts and components. <i>Journal of Laser Applications</i> , 2021 , 33, 012033	2.1	2
21	Finite element analysis of orthogonal cutting of cellular metals: influence of cutting conditions on chip formation and surface damage. <i>International Journal of Advanced Manufacturing Technology</i> , 2021 , 113, 1267-1280	3.2	1
20	Digital Twins for High-Tech Machining Applications – A Model-Based Analytics-Ready Approach. <i>Journal of Manufacturing and Materials Processing</i> , 2021 , 5, 80	2.2	7
19	An Experimental Method to Determine the Interstitial Splitting Forces and Thermal Load Input Induced by Self-Tapping and Self-Drilling Bone Screws: A Pilot Study. <i>Biomechanics</i> , 2021 , 1, 239-252		
18	Evaluation of a method to measure the friction coefficient between vital mandibular bone and biomedical materials – <i>Biotribology</i> , 2021 , 28, 100198	2.3	1
17	High performance machining of continuous metal fibers with cascaded multi-stage profile tools. <i>Procedia CIRP</i> , 2021 , 101, 334-337	1.8	0
16	2D Finite Element Modeling of the Cutting Force in Peripheral Milling of Cellular Metals. <i>Materials</i> , 2020 , 13,	3.5	5
15	Biomechanical Evaluation of Mandibular Condyle Fracture Osteosynthesis Using the Rhombic Three-Dimensional Condylar Fracture Plate. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019 , 77, 1868.e1-1868.e15	1.8	5
14	The Influence of Thrust Force on the Vitality of Bone Chips Harvested for Autologous Augmentation during Dental Implantation. <i>Materials</i> , 2019 , 12,	3.5	5
13	SURFACE ROUGHNESS AND ITS PREDICTION IN HIGH SPEED MILLING OF ALUMINUM ALLOYS WITH PCD AND CEMENTED CARBIDE TOOLS. <i>MM Science Journal</i> , 2019 , 2019, 3136-3141	1.9	4
12	A novel hybrid clamping system for sheet metals and thin walled structures. <i>Procedia Manufacturing</i> , 2019 , 40, 51-55	1.5	
11	Investigation of a carbon fibre-reinforced plastic grinding wheel for high-speed plunge-cut centreless grinding application. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2018 , 232, 2663-2669	2.4	4
10	Process based analysis of manually controlled drilling processes for bone 2018 ,		4
9	The influence of brushing on the surface quality of aluminium. <i>MATEC Web of Conferences</i> , 2018 , 178, 01015	0.3	1
8	Characterization of the Surface Roughness of Milled Carbon Fiber Reinforced Plastic Structures. <i>Procedia CIRP</i> , 2017 , 66, 199-203	1.8	13

7	Development of a Process Data-based Strategy for Conditioning Position-controlled ID Cut-off Grinding Wheels in Silicon Wafer Manufacturing. <i>Procedia Manufacturing</i> , 2017 , 11, 1984-1991	1.5	4
6	Finite element modeling of chip separation in machining cellular metals. <i>Advances in Manufacturing</i> , 2015 , 3, 54-62	2.7	9
5	Influence of Material and Constitutive Models on Friction Analysis for Modelling in Machining Cellular Metal Structures. <i>Applied Mechanics and Materials</i> , 2015 , 727-728, 292-298	0.3	1
4	A Method to Simulate Structural Properties of Cellular Materials for Machining Processes. <i>Procedia CIRP</i> , 2013 , 8, 100-104	1.8	8
3	Micro-EDM of Carbon Fibre-Reinforced Plastics. <i>Procedia CIRP</i> , 2013 , 6, 320-325	1.8	32
2	Performance of Diamond and CBN Single-Layered Grinding Wheels in Grinding Titanium. <i>Materials and Manufacturing Processes</i> , 2008 , 23, 224-227	4.1	51
1	On the grindability of Titanium alloy by brazed type monolayered superabrasive grinding wheels. <i>International Journal of Machine Tools and Manufacture</i> , 2006 , 46, 620-622	9.4	74