

# Friedrich Kuster

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

541  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abrasive fine-finishing technology. CIRP Annals - Manufacturing Technology, 2016, 65, 597-620.	3.6	160
2	Influence of fibre orientation, tool geometry and process parameters on surface quality in milling of CFRP. CIRP Journal of Manufacturing Science and Technology, 2017, 18, 75-91.	4.5	84
3	Comparison of conventional drilling and orbital drilling in machining carbon fibre reinforced plastics (CFRP). CIRP Annals - Manufacturing Technology, 2016, 65, 137-140.	3.6	67
4	Evaluation of bore exit quality for fibre reinforced plastics including delamination and uncut fibres. CIRP Journal of Manufacturing Science and Technology, 2016, 12, 56-66.	4.5	59
5	Chip Root Analysis after Machining Carbon Fiber Reinforced Plastics (CFRP) at Different Fiber Orientations. Procedia CIRP, 2014, 14, 217-222.	1.9	43
6	Influence of the Anode Material on the Breakdown Behavior in Dry Electrical Discharge Machining. Procedia CIRP, 2012, 1, 639-644.	1.9	23
7	Influence of the clearance angle on the cutting efficiency of blunt, octahedral-shaped diamonds in an active filler alloy. International Journal of Machine Tools and Manufacture, 2013, 75, 9-15.	13.4	19
8	On-machine wire electrical discharge dressing (WEDD) of metal-bonded grinding wheels. International Journal of Advanced Manufacturing Technology, 2010, 49, 1001-1007.	3.0	18
9	Wire electrical discharge machining applied to high-speed rotating workpieces. Journal of Materials Processing Technology, 2012, 212, 1298-1304.	6.3	18
10	Microstructure and Mechanical Performance of Cu-Sn-Ti-Based Active Braze Alloy Containing In Situ Formed Nano-Sized TiC Particles. Journal of Materials Engineering and Performance, 2015, 24, 2042-2050.	2.5	16
11	Applying Wire Electrical Discharge Dressing (Wedd) to Improve Grinding Performance of Metal Bounded Diamond Wheels. Procedia CIRP, 2012, 1, 365-370.	1.9	9
12	Anode Power Deposition in Dry EDM. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 197-210.	4.9	9
13	Optimised approach for characterisation of cutting edge micro-geometry in drilling carbon fibre reinforced plastics(CFRP). International Journal of Advanced Manufacturing Technology, 2017, 90, 457-472.	3.0	8
14	Post-Coating Treatment of Cutting Edge for Drilling Carbon Fibre Reinforced Plastics (CFRP). Procedia CIRP, 2016, 46, 161-164.	1.9	7
15	Influence of the Anode Material and the Flushing Gas on the Dry Electrical Discharge Machining Process. International Journal of Automation Technology, 2013, 7, 581-592.	1.0	1