Donka Novovic

List of Publications by Year
in descending order

11	386	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineered grinding tools reimplemented by precise sharpening: A case study on an ultrahard ceramic matrix composite (CMC). CIRP Annals - Manufacturing Technology, 2022, 71, 289-292.	3.6	7
2	Impact of grinding wheel specification on surface integrity and residual stress when grinding Inconel 718. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 1668-1681.	2.4	27
3	Production technology research â€“ Building blocks for competitiveness and solution for future challenges in aerospace component manufacturing. Procedia CIRP, 2021, 101, 62-68.	1.9	1
4	Influence of grit geometry and fibre orientation on the abrasive material removal mechanisms of SiC/SiC Ceramic Matrix Composites (CMCs). International Journal of Machine Tools and Manufacture, 2020, 157, 103580.	13.4	43
5	Evaluation of superabrasive grinding points for the machining of hardened steel. CIRP Annals - Manufacturing Technology, 2019, 68, 329-332.	3.6	6
6	An experimental study of the effects of dressing parameters on the topography of grinding wheels during roller dressing. Journal of Manufacturing Processes, 2018, 31, 348-355.	5.9	43
7	The Influence of Abrasive Grit Morphology on Wheel Topography and Grinding Performance. Procedia CIRP, 2018, 77, 239-242.	1.9	12
8	On the performance of a novel dressing tool with controlled geometry and density of abrasive grits. CIRP Annals - Manufacturing Technology, 2017, 66, 337-340.	3.6	11
9	Ultrasonic assisted creep feed grinding of gamma titanium aluminide using conventional and superabrasive wheels. CIRP Annals - Manufacturing Technology, 2017, 66, 341-344.	3.6	39
10	The effect of surface and subsurface condition on the fatigue life of Tiâ€“25Vâ€“15Crâ€“2Alâ€“0.2C %wt alloy. CIRP Annals - Manufacturing Technology, 2016, 65, 523-528.	3.6	20
11	Abrasive machining of advanced aerospace alloys and composites. CIRP Annals - Manufacturing Technology, 2015, 64, 581-604.	3.6	177