

Donka Novovic

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

386
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Abrasive machining of advanced aerospace alloys and composites. CIRP Annals - Manufacturing Technology, 2015, 64, 581-604.	3.6	177
2	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
3	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
4	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
5	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
6	The effect of surface and subsurface condition on the fatigue life of Ti-25V-15Cr-2Al-0.2C %wt alloy. CIRP Annals - Manufacturing Technology, 2016, 65, 523-528.	3.6	20
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	Engineered grinding tools reimplemmented by precise sharpening: A case study on an ultrahard ceramic matrix composite (CMC). CIRP Annals - Manufacturing Technology, 2022, 71, 289-292.	3.6	7
10	Evaluation of superabrasive grinding points for the machining of hardened steel. CIRP Annals - Manufacturing Technology, 2019, 68, 329-332.	3.6	6
11	Production technology research – Building blocks for competitiveness and solution for future challenges in aerospace component manufacturing. Procedia CIRP, 2021, 101, 62-68.	1.9	1