Kazutoshi Katahira

List of Publications by Year
in descending order

10	195	1478505 6	1474206 9
papers	citations	h-index	g-index

10	10	10	169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A study on the quality of micro-machined surfaces on tungsten carbide generated by PCD micro end-milling. CIRP Annals - Manufacturing Technology, 2012, 61, 567-570.	3.6	76
2	Effect of atmospheric-pressure plasma jet on polycrystalline diamond micro-milling of silicon carbide. CIRP Annals - Manufacturing Technology, 2015, 64, 129-132.	3.6	32
3	Fixed abrasive machining of non-metallic materials. CIRP Annals - Manufacturing Technology, 2018, 67, 767-790.	3.6	30
4	Rapid surface nitriding of titanium alloy by a nanosecond fiber laser under atmospheric conditions. CIRP Annals - Manufacturing Technology, 2018, 67, 563-566.	3.6	19
5	Micromilling characteristics and electrochemically assisted reconditioning of polycrystalline diamond tool surfaces for ultra-precision machining of high-purity SiC. CIRP Annals - Manufacturing Technology, 2014, 63, 329-332.	3.6	15
6	Generation of bio-compatible titanium alloy surfaces by laser-induced wet treatment. CIRP Annals - Manufacturing Technology, 2016, 65, 237-240.	3.6	11
7	Experimental investigation for optimizing the fabrication of a sapphire capillary using femtosecond laser machining and diamond tool micromilling. CIRP Annals - Manufacturing Technology, 2020, 69, 229-232.	3.6	6
8	Generation of biocompatible TiO2 layer using atmospheric pressure plasma-assisted fine particle peening. CIRP Annals - Manufacturing Technology, 2017, 66, 515-518.	3.6	3
9	Surface modification of titanium alloy via atmospheric pressure nitrogen plasma assisted femtosecond laser irradiation. CIRP Annals - Manufacturing Technology, 2022, 71, 469-472.	3.6	3
10	Generation of Biocompatible TiO₂ Layer Using Atmospheric Pressure Plasma-Assisted Fine Particle Peening. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2017, 25, 37-41.	0.0	0