

Andrea la Monaca

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

346
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface integrity in metal machining - Part I: Fundamentals of surface characteristics and formation mechanisms. International Journal of Machine Tools and Manufacture, 2021, 162, 103687.	13.4	168
2	Surface integrity in metal machining - Part II: Functional performance. International Journal of Machine Tools and Manufacture, 2021, 164, 103718.	13.4	118
3	Towards understanding the thermal history of microstructural surface deformation when cutting a next generation powder metallurgy nickel-base superalloy. International Journal of Machine Tools and Manufacture, 2021, 168, 103765.	13.4	35
4	A digital approach to automatically assess the machining-induced microstructural surface integrity. Journal of Materials Processing Technology, 2020, 282, 116703.	6.3	13
5	Can higher cutting speeds and temperatures improve the microstructural surface integrity of advanced Ni-base superalloys?. CIRP Annals - Manufacturing Technology, 2022, 71, 113-116.	3.6	6
6	Temperature-dependent shear localisation and microstructural evolution in machining of nickel-base superalloys. Materials and Design, 2022, 219, 110792.	7.0	6