

Matthew Brown

List of Publications by Year in descending order

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7
papers

100
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Destructive and non-destructive testing methods for characterization and detection of machining-induced white layer: A review paper. CIRP Journal of Manufacturing Science and Technology, 2018, 23, 39-53.	4.5	32
2	Quantitative characterization of machining-induced white layers in Ti-6Al-4V. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 764, 138220.	5.6	28
3	On deformation characterisation of machined surfaces and machining-induced white layers in a milled titanium alloy. Journal of Materials Processing Technology, 2022, 299, 117378.	6.3	15
4	Non-destructive detection of machining-induced white layers through grain size and crystallographic texture-sensitive methods. Materials and Design, 2021, 200, 109472.	7.0	14
5	Non-destructive detection of machining-induced white layers in ferromagnetic alloys. Procedia CIRP, 2020, 87, 420-425.	1.9	9
6	An evaluation of non-destructive methods for detection of thermally-induced metallurgical machining defects. Procedia CIRP, 2022, 108, 7-12.	1.9	2
7	Rapid non-destructive sizing of microstructural surface integrity features using x-ray diffraction. NDT and E International, 2022, 131, 102682.	3.7	0