

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