

Dillon S Watring

List of Publications by Year in descending order

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5
papers

104
citations

1683354

5
h-index

2053342

5
g-index

5
all docs

5
docs citations

5
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a modified void descriptor function to uniquely characterize pore networks and predict fracture-related properties in additively manufactured metals. <i>Acta Materialia</i> , 2022, 223, 117464.	3.8	9
2	Relating the surface topography of as-built Inconel 718 surfaces to laser powder bed fusion process parameters using multivariate regression analysis. <i>Precision Engineering</i> , 2022, 74, 303-315.	1.8	11
3	Effects of laser-energy density and build orientation on the structure-property relationships in as-built Inconel 718 manufactured by laser powder bed fusion. <i>Additive Manufacturing</i> , 2020, 36, 101425.	1.7	22
4	Dynamic-loading behavior and anisotropic deformation of pre- and post-heat-treated IN718 fabricated by laser powder bed fusion. <i>Additive Manufacturing</i> , 2020, 33, 101083.	1.7	11
5	Mechanisms driving high-cycle fatigue life of as-built Inconel 718 processed by laser powder bed fusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 761, 137993.	2.6	51