

Michael Kirka

List of Publications by Year in descending order

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3
papers

554
citations

2258059

3
h-index

2550090

3
g-index

3
all docs

3
docs citations

3
times ranked

657
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical modeling of heat-transfer and the influence of process parameters on tailoring the grain morphology of IN718 in electron beam additive manufacturing. <i>Acta Materialia</i> , 2016, 112, 303-314.	7.9	385
2	Localized melt-scan strategy for site specific control of grain size and primary dendrite arm spacing in electron beam additive manufacturing. <i>Acta Materialia</i> , 2017, 140, 375-387.	7.9	160
3	Effect of microstructure on fatigue crack propagation in additive manufactured nickel-based superalloy Haynes 282: an experiment and crystal plasticity study. <i>Journal of Materials Science</i> , 2022, 57, 9741-9768.	3.7	9