

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 | 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 |
| 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 | 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 |