

Joakim Ålgård

List of Publications by Year in descending order

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7
papers

139
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

114
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Tailored grain morphology via a unique melting strategy in electron beam-powder bed fusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141820. | 5.6 | 13 |
| 2 | Columnar-to-equiaxed grain transition in powder bed fusion via mimicking casting solidification and promoting in situ recrystallization. <i>Additive Manufacturing</i> , 2021, 46, 102086. | 3.0 | 7 |
| 3 | The role of microstructural characteristics of additively manufactured Alloy 718 on tool wear in machining. <i>International Journal of Machine Tools and Manufacture</i> , 2021, 171, 103814. | 13.4 | 31 |
| 4 | Microstructure tailoring in Electron Beam Powder Bed Fusion additive manufacturing and its potential consequences. <i>Results in Materials</i> , 2019, 1, 100017. | 1.8 | 10 |
| 5 | EBM-manufactured single tracks of Alloy 718: Influence of energy input and focus offset on geometrical and microstructural characteristics. <i>Materials Characterization</i> , 2019, 148, 88-99. | 4.4 | 37 |
| 6 | Influence of successive thermal cycling on microstructure evolution of EBM-manufactured alloy 718 in track-by-track and layer-by-layer design. <i>Materials and Design</i> , 2018, 160, 427-441. | 7.0 | 40 |
| 7 | Microstructure Development in Track-by-Track Melting of EBM-Manufactured Alloy 718. <i>Minerals, Metals and Materials Series</i> , 2018, , 643-654. | 0.4 | 1 |