

# Joakim Ålgård

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1070277/publications.pdf>

Version: 2024-02-01

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	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
2	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
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	Tailored grain morphology via a unique melting strategy in electron beam-powder bed fusion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141820.	5.6	13
5	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
6	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
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