Lore Thijs

List of Publications by Year in Descending Order

12 papers	4,457 citations	9 h-index	12 g-index
12 ext. papers	5,270 ext. citations	5.4 avg, IF	5.62 L-index

#	Paper	IF	Citations
12	Elucidation of dross formation in laser powder bed fusion at down-facing surfaces: Phenomenon-oriented multiphysics simulation and experimental validation. *Additive Manufacturing*, **2022**, 50, 102551	6.1	0
11	Down-facing surfaces in laser powder bed fusion of Ti6Al4V: Effect of dross formation on dimensional accuracy and surface texture. *Additive Manufacturing*, **2021**, 46, 102148	6.1	4
10	Increasing the productivity of laser powder bed fusion: Influence of the hull-bulk strategy on part quality, microstructure and mechanical performance of Ti-6Al-4V. *Additive Manufacturing*, **2020**, 33, 101129	6.1	8
9	Dimensional Errors Due to Overhanging Features in Laser Powder Bed Fusion Parts Made of Ti-6Al-4V. *Applied Sciences (Switzerland)*, **2020**, 10, 2416	2.6	19
8	Effect of Process Parameters on the Generated Surface Roughness of Down-Facing Surfaces in Selective Laser Melting. *Applied Sciences (Switzerland)*, **2019**, 9, 1256	2.6	60
7	Selective laser melting of tungsten and tungsten alloys. *International Journal of Refractory Metals and Hard Materials*, **2018**, 72, 27-32	4.1	100
6	Galvanostatic Anodizing of Additive Manufactured Al-Si10-Mg Alloy. *Journal of the Electrochemical Society*, **2017**, 164, C1027-C1034	3.9	21
5	Selective Laser Melting of Crack-Free High Density M2 High Speed Steel Parts by Baseplate Preheating. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2014**, 136,	3.3	134
4	Strong morphological and crystallographic texture and resulting yield strength anisotropy in selective laser melted tantalum. *Acta Materialia*, **2013**, 61, 4657-4668	8.4	359
3	Fine-structured aluminium products with controllable texture by selective laser melting of pre-alloyed AlSi10Mg powder. *Acta Materialia*, **2013**, 61, 1809-1819	8.4	1088
2	Heat treatment of Ti6Al4V produced by Selective Laser Melting: Microstructure and mechanical properties. *Journal of Alloys and Compounds*, **2012**, 541, 177-185	5.7	989
1	A study of the microstructural evolution during selective laser melting of Ti6Al4V. *Acta Materialia*, **2010**, 58, 3303-3312	8.4	1675