

Lore Thijs

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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