

# Lore Thijs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10491950/publications.pdf>

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12  
papers

6,088  
citations

932766

10  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

4409  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of the microstructural evolution during selective laser melting of Ti-6Al-4V. Acta Materialia, 2010, 58, 3303-3312.	3.8	2,189
2	Fine-structured aluminium products with controllable texture by selective laser melting of pre-alloyed AlSi10Mg powder. Acta Materialia, 2013, 61, 1809-1819.	3.8	1,482
3	Heat treatment of Ti6Al4V produced by Selective Laser Melting: Microstructure and mechanical properties. Journal of Alloys and Compounds, 2012, 541, 177-185.	2.8	1,353
4	Strong morphological and crystallographic texture and resulting yield strength anisotropy in selective laser melted tantalum. Acta Materialia, 2013, 61, 4657-4668.	3.8	492
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, .	1.3	213
6	Selective laser melting of tungsten and tungsten alloys. International Journal of Refractory Metals and Hard Materials, 2018, 72, 27-32.	1.7	160
7	Effect of Process Parameters on the Generated Surface Roughness of Down-Facing Surfaces in Selective Laser Melting. Applied Sciences (Switzerland), 2019, 9, 1256.	1.3	109
8	Galvanostatic Anodizing of Additive Manufactured Al-Si10-Mg Alloy. Journal of the Electrochemical Society, 2017, 164, C1027-C1034.	1.3	30
9	Dimensional Errors Due to Overhanging Features in Laser Powder Bed Fusion Parts Made of Ti-6Al-4V. Applied Sciences (Switzerland), 2020, 10, 2416.	1.3	25
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.	1.7	18
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.	1.7	11
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.	1.7	6