

# 3D printing of Aluminium alloys: Additive Manufacturing selective laser melting

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Deep Look at Metal Additive Manufacturing Recycling and Use Tools for Sustainability Performance. Sustainability, 2019, 11, 5494.	3.2	33
2	Structural and atomic displacement evaluations of Aluminium nanoparticle in thermal annealing treatment: an insight through molecular dynamic simulations. Materials Research Express, 2019, 6, 1250b9.	1.6	5
3	Influence of as-built surfaces on the fatigue behavior of AlSi10Mg parts obtained by laser powder bed fusion. Procedia Structural Integrity, 2019, 24, 381-389.	0.8	2
4	On the Effectiveness of Different Surface Finishing Techniques on A357.0 Parts Produced by Laser-Based Powder Bed Fusion: Surface Roughness and Fatigue Strength. Metals, 2019, 9, 1284.	2.3	21
5	Influence of aging and HIP treatment on the structure and properties of NiAl-based turbine blades manufactured by laser powder bed fusion. Additive Manufacturing, 2020, 31, 100999.	3.0	13
6	The Effects of Feature Sizes in Selectively Laser Melted Ti-6Al-4V Parts on the Validity of Optimised Process Parameters. Materials, 2020, 13, 117.	2.9	41
7	Microstructure and Mechanical Properties of Al-12Si Alloys Fabricated by Ultrasonic-Assisted Laser Metal Deposition. Materials, 2020, 13, 126.	2.9	22
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17	Research trends in laser powder bed fusion of Al alloys within the last decade. Additive Manufacturing, 2020, 36, 101489.	3.0	29
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20	Synthesis of precipitation-strengthened Al-Sc, Al-Zr and Al-Sc-Zr alloys via selective laser melting of elemental powder blends. Additive Manufacturing, 2020, 36, 101461.	3.0	15
21	Manufacturability analysis of metal laser-based powder bed fusion additive manufacturing—a survey. International Journal of Advanced Manufacturing Technology, 2020, 110, 57-78.	3.0	21
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