Metallurgy, mechanistic models and machine learning i

Citation Report

#	ARTICLE	IF	CITATIONS
1	Digital Twins for Additive Manufacturing: A State-of-the-Art Review. Applied Sciences (Switzerland), 2020, 10, 8350.	2.5	45
2	Additive friction stir deposition: a deformation processing route to metal additive manufacturing. Materials Research Letters, 2021, 9, 71-83.	8.7	96
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5	Balance of strength and plasticity of additive manufactured Ti-6Al-4V alloy by forming TiB whiskers with cyclic gradient distribution. Additive Manufacturing, 2021, 39, 101883.	3.0	7
6	A Pathway to Grain Structure Control of Gas Tungsten Arc Welded Duplex Stainless Steel Through Ultrasonic Vibration. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 2667-2675.	2.2	6
7	Material-structure-performance integrated laser-metal additive manufacturing. Science, 2021, 372, .	12.6	594
8	The Evolution of Oxygen-Based Inclusions in an Additively Manufactured Super-Duplex Stainless Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 3401-3412.	2.2	24
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18	Harnessing artificial intelligence for the next generation of 3D printed medicines. Advanced Drug Delivery Reviews, 2021, 175, 113805.	13.7	83

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20	Structure and phase composition features of nickel-based superalloy after electron beam additive process. Journal of Physics: Conference Series, 2021, 1989, 012001.	0.4	1
21	Applications of artificial intelligence and machine learning in metal additive manufacturing. JPhys Materials, 2021, 4, 042009.	4.2	10
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24	Dual-beam laser-matter interaction at overlap region during multi-laser powder bed fusion manufacturing. Additive Manufacturing, 2021, 46, 102178.	3.0	14
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26	Towards developing multiscale-multiphysics models and their surrogates for digital twins of metal additive manufacturing. Additive Manufacturing, 2021, 46, 102089.	3.0	34
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