

Yan-Yan Zhu

List of Publications by Year in descending order

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8
papers

511
citations

1307594

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1588992

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docs citations

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times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of microstructure and mechanical properties of laser melting deposited Ti-6.5Al-3.5Mo-1.5Zr-0.3Si titanium alloy. <i>Materials & Design</i> , 2014, 56, 445-453.	5.1	143
2	The anisotropy of laser melting deposition additive manufacturing Ti-6.5Al-3.5Mo-1.5Zr-0.3Si titanium alloy. <i>Materials & Design</i> , 2015, 67, 538-542.	5.1	132
3	Solidification behavior and grain morphology of laser additive manufacturing titanium alloys. <i>Journal of Alloys and Compounds</i> , 2019, 777, 712-716.	5.5	77
4	Influence of heat treatments on microstructure and mechanical properties of laser additive manufacturing Ti-5Al-2Sn-2Zr-4Mo-4Cr titanium alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2018, 28, 36-46.	4.2	56
5	Variant selection in laser melting deposited Ti-6Al-2Zr-1Mo-1V titanium alloy. <i>Journal of Alloys and Compounds</i> , 2016, 661, 126-135.	5.5	35
6	Effects of microstructure on fatigue crack propagation behavior in a bi-modal TC11 titanium alloy fabricated via laser additive manufacturing. <i>Journal of Materials Science and Technology</i> , 2019, 35, 403-408.	10.7	32
7	Effect of β texture on the anisotropy of yield strength in Ti-6Al-2Zr-1Mo-1V alloy fabricated by laser directed energy deposition technique. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141771.	5.6	26
8	Effect of Nd addition on microstructure and tensile properties of laser additive manufactured TC11 titanium alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2022, 32, 1501-1512.	4.2	10