

Qunli Zhang

List of Publications by Year in descending order

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268
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser Cladding of Metal-Ceramic Composites. Advanced Topics in Science and Technology in China, 2022, , 59-81.	0.1	0
2	Laser-Processed Coatings Involving Nanoparticles. Advanced Topics in Science and Technology in China, 2022, , 103-142.	0.1	0
3	The microstructure and cavitation erosion resistance of Ti6Al4V alloy treated by laser gas nitriding with scanning galvanometer. Optics and Laser Technology, 2022, 153, 108270.	4.6	11
4	Thermal shock resistance of thermal barrier coatings modified by selective laser remelting and alloying techniques. Journal of the American Ceramic Society, 2022, 105, 6345-6358.	3.8	8
5	Microstructure and Tensile Property of Laser Cladding Assisted with Multidimensional High-Frequency Vibration. Materials, 2022, 15, 4295.	2.9	3
6	Microstructures and cyclic hot corrosion behavior of laser deposited Inconel 718 alloy under different heat treatment conditions. Optics and Laser Technology, 2021, 135, 106659.	4.6	24
7	Influence of microstructure of TC4 substrate on the MAO coating. Surface Engineering, 2020, 36, 827-836.	2.2	19
8	Hot Corrosion and Mechanical Performance of Repaired Inconel 718 Components via Laser Additive Manufacturing. Materials, 2020, 13, 2128.	2.9	14
9	Effect of laser surface melting pretreatment on the growth behavior and mechanical properties of microarc oxidation coating on Ti6Al4V alloy. Journal of Laser Applications, 2020, 32, .	1.7	13
10	Effects of three-dimensional vibration on laser cladding of SS316L alloy. Journal of Laser Applications, 2019, 31, 032013.	1.7	8
11	Experimental and statistical analyses of geometry characteristics of Inconel 718 laser clad layer with response surface methodology. Journal of Laser Applications, 2019, 31, .	1.7	18
12	Study on the element segregation and Laves phase formation in the laser metal deposited IN718 superalloy by flat top laser and gaussian distribution laser. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 754, 339-347.	5.6	104
13	Microstructure and wear resistance of laser clad composite coatings prepared from pre-alloyed WC-NiCrMo powder with different laser spots. Optics and Laser Technology, 2018, 101, 520-530.	4.6	40
14	Wear and corrosion performance of laser-clad low-carbon high-molybdenum Stellite alloys. Optics and Laser Technology, 2018, 107, 32-45.	4.6	40
15	Influence of electric-magnetic compound field on the WC particles distribution in laser melt injection. Surface and Coatings Technology, 2017, 315, 32-43.	4.8	46
16	Development of Multichannel Gas-powder Feeding System Coaxial with Laser Beam. Procedia CIRP, 2016, 42, 96-100.	1.9	13
17	Application of Regression Designs for Simulation of Laser Cladding. Physics Procedia, 2012, 39, 921-927.	1.2	4
18	Study of nanometer Al ₂ O ₃ composite electroless deposit strengthened by different laser power. Materials & Design, 2010, 31, 1695-1699.	5.1	6