Citation Report
List of articles citing

Laser Hybrid Butt Welding of Large Thickness Naval Steel

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#	Paper	IF	Citations
23	Microstructural Changes and Impact Toughness of Fill Pass in X80 Steel Weld Metal. *Metals*, **2019**, 9, 898	2.3	6
22	Thermal Efficiency Analysis for Laser-Assisted Plasma Arc Welding of AISI 304 Stainless Steel. *Materials*, **2019**, 12,	3.5	6
21	Avoidance of end crater imperfections at high-power laser beam welding of closed circumferential welds. *Welding in the World, Le Soudage Dans Le Monde*, **2020**, 64, 407-417	1.9	6
20	Effect of beam defocusing on porosity formation in laser-MIG hybrid welded TA2 titanium alloy joints. *Journal of Manufacturing Processes*, **2020**, 58, 1221-1231	5	1
19	A comparison between LBW and hybrid laser-GMAW processes based on microstructure and weld geometry for hardenable steels. *International Journal of Advanced Manufacturing Technology*, **2020**, 110, 2801-2814	3.2	3
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16	Electric evaluation of hybrid laser-TIG welding: Interaction between arc and laser plume. *Journal of Laser Applications*, **2020**, 32, 022035	2.1	1
15	Experimental and numerical investigation of hybrid laser arc welding process and the influence of welding sequence on the manufacture of stiffened flat panels. *Journal of Manufacturing Processes*, **2021**, 61, 527-538	5	16
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8	Formation, microstructure and mechanical properties of double-sided fiber laser welded ultra-high strength steel. *Optics and Laser Technology*, **2022**, 153, 108208	4.2	
7	Evaluation of high penetration hybrid laser-GMAW welding process productivity applied in the joining of thick plates. *International Journal of Advanced Manufacturing Technology*,	3.2	0

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5	Low-Energy Pulsed-Laser Welding as a Root Pass in a GMAW Joint: An Investigation on the Microstructure and Mechanical Properties. **2022**, 15, 7741	0
4	Prediction of weld back width based on top vision sensing during laser-MIG hybrid welding. **2022**, 84, 1376-1388	0
3	Microstructure evolution and mechanical properties in the depth direction of ultra-high power laser-arc hybrid weld joint of 316L stainless steel. **2023**, 160, 109093	0
2	Effect of incident angle on weld microstructure and mechanical properties of laser beam welded nitronic 50 austenitic stainless steel joints. **2023**, 169, 103457	0
1	Raising the Impact Toughness of Welded Joints of Large-Diameter Pipes Formed with the Use of Hybrid Laser-Arc Welding.	0