

Yan Li

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

304
citations

1163117

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1199594

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12
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12
docs citations

12
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved simulation of heat transfer and fluid flow in plasma arc welding with modified heat source model. <i>International Journal of Thermal Sciences</i> , 2013, 64, 93-104.	4.9	64
2	Comprehensive review of wire arc additive manufacturing: Hardware system, physical process, monitoring, property characterization, application and future prospects. <i>Results in Engineering</i> , 2022, 13, 100330.	5.1	57
3	Plasma arc and weld pool coupled modeling of transport phenomena in keyhole welding. <i>International Journal of Heat and Mass Transfer</i> , 2016, 92, 628-638.	4.8	45
4	Energy propagation in plasma arc welding with keyhole tracking. <i>Energy</i> , 2014, 64, 1044-1056.	8.8	43
5	An evolutionary keyhole-mode heat transfer model in continuous plasma arc welding. <i>International Journal of Heat and Mass Transfer</i> , 2018, 117, 1188-1198.	4.8	26
6	A novel unified model of keyhole plasma arc welding. <i>International Journal of Heat and Mass Transfer</i> , 2019, 133, 885-894.	4.8	24
7	Numerical analysis of weld pool behaviors in plasma arc welding with the lattice Boltzmann method. <i>International Journal of Thermal Sciences</i> , 2018, 124, 447-458.	4.9	20
8	A more precise unified model to describe comprehensive multiphysics and multiphase phenomena in plasma arc welding. <i>Journal of Manufacturing Processes</i> , 2020, 59, 668-678.	5.9	12
9	Simulation of keyhole plasma arc welding with electro-magneto-thermo-hydrodynamic interactions. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 101, 2497-2507.	3.0	5
10	A DYNAMIC HEAT SOURCE MODEL WITH RESPECT TO KEYHOLE EVOLUTION IN PLASMA ARC WELDING. <i>Jinshu Xuebao/Acta Metallurgica Sinica</i> , 2013, 49, 804.	0.3	3
11	An easy-to-use multi-physical model to predict weld pool geometry in keyhole plasma arc welding. <i>Results in Engineering</i> , 2022, 14, 100429.	5.1	3
12	A Convenient Unified Model to Display the Mobile Keyhole-Mode Arc Welding Process. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7955.	2.5	2