

# Yan Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5528203/publications.pdf>

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12  
papers

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1163117

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1199594

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docs citations

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times ranked

107  
citing authors

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