

Karthik Mathivanan

List of Publications by Year in descending order

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6
papers

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1937685

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1872680

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times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser welding of copper to aluminum with spiral trajectory and identification of excessive aluminum melting. Journal of Laser Applications, 2022, 34, .	1.7	3
2	Correlation of optical signal during laser fusion welding of copper to aluminum. Journal of Laser Applications, 2021, 33, .	1.7	8
3	Artificial neural network to predict the weld status in laser welding of copper to aluminum. Procedia CIRP, 2021, 103, 61-66.	1.9	6
4	Laser welding of dissimilar copper and aluminum sheets by shaping the laser pulses. Procedia Manufacturing, 2019, 36, 154-162.	1.9	33
5	Metallographic Studies of Dissimilar Al-Cu Laser-Welded Joints Using Various Etchants. Metallography, Microstructure, and Analysis, 2019, 8, 3-11.	1.0	10
6	Laser-Induced Superelasticity in NiTiInol Stent Strut. Shape Memory and Superelasticity, 2018, 4, 377-382.	2.2	3