

Venkata Kiran Degala

List of Publications by Year in descending order

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6
papers

88
citations

1937685

4
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulating heat density to enhance the performance of Aluminium Alloy-Steel joints using arc oscillations in the GTAW process. <i>Materials Letters</i> , 2022, 306, 130897.	2.6	3
2	Study of steel-aluminium joining under the influence of current waveforms using advanced CMT process variants. <i>Materials and Manufacturing Processes</i> , 2022, 37, 1578-1595.	4.7	5
3	Probing the influence of cold wire gas tungsten arc welding current waveforms on the aluminum-steel joining. <i>Journal of Manufacturing Processes</i> , 2020, 59, 378-388.	5.9	9
4	Arc Behavior in Wire Arc Additive Manufacturing Process. <i>Procedia Manufacturing</i> , 2020, 48, 725-729.	1.9	13
5	Three-dimensional finite element modeling of pulsed AC gas metal arc welding process. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 1453-1474.	3.0	26
6	Arc interaction and molten pool behavior in the three wire submerged arc welding process. <i>International Journal of Heat and Mass Transfer</i> , 2015, 87, 327-340.	4.8	32