

Venkata Kiran Degala

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10016451/publications.pdf>

Version: 2024-02-01

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