

Kali Prasad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4270934/publications.pdf>

Version: 2024-02-01

9
papers

129
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of rotating dry slag granulation unit: Operating regimes, particle size analysis and scale up. Applied Thermal Engineering, 2016, 107, 898-906.	6.0	40
2	Leveraging transient mechanical effects during stress relaxation for ductility improvement in aluminium AA 8011 alloy. Journal of Materials Processing Technology, 2018, 255, 1-7.	6.3	23
3	On the interplay of friction and stress relaxation to improve stretch-flangeability of dual phase (DP600) steel. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 154-169.	4.5	20
4	Investigations on ductility improvement and reloading yielding during stress relaxation of dual phase Ti-6Al-4V titanium alloy. Journal of Alloys and Compounds, 2020, 828, 154450.	5.5	19
5	Viscoplastic lattice strain during repeated relaxation of age-hardened Al alloy. Mechanics of Materials, 2021, 158, 103899.	3.2	7
6	Rigorous analysis and pragmatic guidelines in estimating strain rate sensitivity using stress relaxation test. Mechanics of Materials, 2022, 168, 104279.	3.2	7
7	Evaluation of hole expansion formability of high strength AA7075 alloy under varying temper conditions. IOP Conference Series: Materials Science and Engineering, 2022, 1238, 012038.	0.6	7
8	Thermodynamic assessment and experimental validation of clinker formation from blast furnace slag through lime addition. Ceramics International, 2018, 44, 19434-19441.	4.8	4
9	An Investigation into the Influence of Interrupted Loading in Improving the Stretch-Flangeability of Dual Phase Steel. Defect and Diffusion Forum, 0, 414, 81-87.	0.4	2