

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