Aluru Praveen Sekhar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5386082/publications.pdf

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12	156	1307594 7	1281871 11
papers	citations	h-index	g-index

12	12	12	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical properties and corrosion behavior of artificially aged Al-Mg-Si alloy. Journal of Materials Research and Technology, 2020, 9, 1005-1024.	5.8	43
2	Influence of ageing on the low cycle fatigue behaviour of an Alâ€“Mgâ€“Si alloy. Philosophical Magazine, 2017, 97, 1978-2003.	1.6	29
3	Design of Alumina Reinforced Aluminium Alloy Composites with Improved Tribo-Mechanical Properties: A Machine Learning Approach. Transactions of the Indian Institute of Metals, 2020, 73, 3059-3069.	1.5	20
4	Influence of Dynamic Precipitation During Low Cycle Fatigue of Under-Aged AA6063 Alloy. Transactions of the Indian Institute of Metals, 2016, 69, 319-324.	1.5	13
5	Prediction of Aging Kinetics and Yield Strength of 6063 Alloy. Journal of Materials Engineering and Performance, 2019, 28, 2764-2778.	2.5	13
6	Corrosion behavior of underâ€ peakâ€ and overâ€aged 6063 alloy: A comparative study. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 2052-2063.	1.5	10
7	Influence of Artificial Aging on Mechanical Properties and High Stress Abrasive Wear Behaviour of Alâ€“Mgâ€“Si Alloy. Metals and Materials International, 2021, 27, 337-351.	3.4	9
8	Influence of Ageing on the Intergranular Corrosion of an Alâ€“Mgâ€“Si Alloy. Metals and Materials International, 2021, 27, 5059-5073.	3.4	5
9	Artificial ageing response of an Alâ€“Mgâ€“Si alloy â€“ A statistical correlation. Perspectives in Science, 2016, 8, 739-742.	0.6	4
10	Low cycle fatigue response of differently aged AA6063 alloy: Statistical analysis and microstructural evolution. Materialia, 2021, 20, 101219.	2.7	4
11	Two-Body Abrasive Wear Behavior and Its Correlation With Mechanical Properties of Aged AA6063 Alloy. Journal of Tribology, 2022, 144, .	1.9	4
12	Comparative Assessment of Strength Models for AA6063 Alloy. Materials Science Forum, 0, 880, 83-89.	0.3	2