

# Aluru Praveen Sekhar

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

156  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

133  
citing authors

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