

Sai Aditya Pradeep

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

145
citations

1684188

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h-index

1474206

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12
all docs

12
docs citations

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times ranked

157
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Design and manufacturing of roller bearing polymeric cages and development of a theoretical model for predicting the roller push-out force. <i>Scientific Reports</i> , 2022, 12, 1017. | 3.3 | 4 |
| 2 | Thermoforming process effects on structural performance of carbon fiber reinforced thermoplastic composite parts through a manufacturing to response pathway. <i>Composites Part B: Engineering</i> , 2022, 235, 109728. | 12.0 | 18 |
| 3 | Effect of silane-treated pine wood fiber (PWF) on thermal and mechanical properties of partially biobased composite foams. <i>Composites Part C: Open Access</i> , 2022, 8, 100278. | 3.2 | 5 |
| 4 | Biobased thermosetting cellular blends: Exploiting the ecological advantage of epoxidized soybean oil in structural foams. <i>Polymer</i> , 2019, 177, 111-119. | 3.8 | 8 |
| 5 | Poly(lactic acid)/areca fiber laminate composites processed via film stacking technique. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45795. | 2.6 | 6 |
| 6 | Delayed Addition Foaming of Bio-epoxy Blends: Balancing Performance Requirements and Sustainability. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17051-17058. | 6.7 | 8 |
| 7 | The Power of Processing: Creating High Strength Foams from Epoxidized Pine Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8641-8647. | 6.7 | 11 |
| 8 | Automotive Applications of Plastics: Past, Present, and Future. , 2017, , 651-673. | | 41 |
| 9 | Investigation of Thermal and Thermomechanical Properties of Biodegradable PLA/PBSA Composites Processed via Supercritical Fluid-Assisted Foam Injection Molding. <i>Polymers</i> , 2017, 9, 22. | 4.5 | 37 |
| 10 | Fabrication, Characterization and In Vitro Osteogenic Potential of Polyvinyl Pyrrolidone-Titania (PVP-TiO ₂) Nanofibers. <i>Analytical Chemistry Letters</i> , 2015, 5, 61-72. | 1.0 | 4 |
| 11 | Preparation and Characterization of Nanofibrous Solid Dosage Form Containing Enrofloxacin. <i>Analytical Chemistry Letters</i> , 2014, 4, 364-371. | 1.0 | 0 |
| 12 | A Finite Element Design Study and Performance Evaluation of an Ultra-Lightweight Carbon Fiber Reinforced Thermoplastic Composites Vehicle Door Assembly. , 0, , . | | 3 |