

# Sai Aditya Pradeep

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2857114/publications.pdf>

Version: 2024-02-01

12  
papers

145  
citations

1684188

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h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automotive Applications of Plastics: Past, Present, and Future. , 2017, , 651-673.		41
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Fabrication, Characterization and In Vitro Osteogenic Potential of Polyvinyl Pyrrolidone-Titania (PVP-TiO <sub>2</sub> ) Nanofibers. <i>Analytical Chemistry Letters</i> , 2015, 5, 61-72.	1.0	4
10	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
11	A Finite Element Design Study and Performance Evaluation of an Ultra-Lightweight Carbon Fiber Reinforced Thermoplastic Composites Vehicle Door Assembly. , 0, , .		3
12	Preparation and Characterization of Nanofibrous Solid Dosage Form Containing Enrofloxacin. <i>Analytical Chemistry Letters</i> , 2014, 4, 364-371.	1.0	0