

Ujendra Kumar Komal

List of Publications by Year in descending order

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246
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PLA/banana fiber based sustainable biocomposites: A manufacturing perspective. Composites Part B: Engineering, 2020, 180, 107535. | 5.9 | 97 |
| 2 | Accelerated thermal ageing behaviour of bagasse fibers reinforced Poly (Lactic Acid) based biocomposites. Composites Part B: Engineering, 2019, 156, 121-127. | 5.9 | 53 |
| 3 | Effect of Chemical Treatment on Thermal, Mechanical and Degradation Behavior of Banana Fiber Reinforced Polymer Composites. Journal of Natural Fibers, 2020, 17, 1026-1038. | 1.7 | 50 |
| 4 | Effect of chemical treatment on mechanical behavior of banana fiber reinforced polymer composites. Materials Today: Proceedings, 2018, 5, 16983-16989. | 0.9 | 26 |
| 5 | Extraction and Characterization of Munja Fibers and Its Potential in the Biocomposites. Journal of Natural Fibers, 2022, 19, 2675-2693. | 1.7 | 22 |
| 6 | Processing of PLA/pineapple fiber based next generation composites. Materials and Manufacturing Processes, 2021, 36, 1677-1692. | 2.7 | 18 |
| 7 | Comparative Performance Analysis of Polylactic Acid Parts Fabricated by 3D Printing and Injection Molding. Journal of Materials Engineering and Performance, 2021, 30, 6522-6528. | 1.2 | 12 |
| 8 | Introduction to Green Composites. Materials Horizons, 2019, , 1-13. | 0.3 | 8 |
| 9 | Development of banana fiber reinforced composites from plastic waste. Materials Today: Proceedings, 2021, 44, 2194-2198. | 0.9 | 8 |
| 10 | Thermal post-processing of bagasse fiber reinforced polypropylene composites. Composites Communications, 2021, 23, 100546. | 3.3 | 7 |
| 11 | Lignocellulosic Polymer Composites: Processing, Challenges, and Opportunities. Materials Horizons, 2019, , 15-30. | 0.3 | 6 |
| 12 | Sustainable Treatments of Pineapple Leaf Fibers for Polylactic Acid Based Biocomposites. Journal of Natural Fibers, 2022, 19, 13438-13456. | 1.7 | 4 |