

Dr. A.N. Balaji Publications

1. Characterization of alkali treated and untreated new cellulosic fiber from Saharan aloe vera cactus leaves (2017). *Carbohydrate Polymers*, 174, 200-208.
2. Characterization of new natural cellulosic fiber from kusha grass (2016). *International Journal of Polymer Analysis and Characterization*, 21(7), 599-605.
3. Extraction and characterization of new cellulosic fibers from Indian mallow stem: An exploratory investigation (2016). *International Journal of Polymer Analysis and Characterization*, 21(6), 504-512.
4. Preparation of bio-eco based cellulose nanomaterials from used disposal paper cups through citric acid hydrolysis (2020). *Carbohydrate Polymers*, 235, 115997.
5. Extraction of cellulose nanofibers from cocos nucifera var aurantiaca peduncle by ball milling combined with chemical treatment (2019). *Carbohydrate polymers*, 212, 312-322.
6. Extraction and characterization of alkali-treated red coconut empty fruit bunch fiber (2016). *International Journal of Polymer Analysis and Characterization*, 21(5), 387-395.
7. Preparation and characterization of alkali treated cocos nucifera var aurantiaca peduncle fibers reinforced epoxy composites (2019). *Materials Research Express*, 6(12), 125310.
8. Effect of rope mat and random orientation on mechanical and thermal properties of banana ribbon-reinforced polyester composites and its application (2016). *International journal of polymer analysis and characterization*, 21(4), 296-304.
9. Isolation and characterization of cellulose nanocrystals from Saharan aloe vera cactus fibers (2018). *International Journal of Polymer Analysis and Characterization*.