

Activated N-doped carbon derived from water hyacinth leaves (WHL) was prepared and investigated as metal-free bi-functional catalyst for oxygen reduction and ...

These weevils are feed on water hyacinth and reducing the size of water hyacinth, its vegetative propagation, and seed production. Semi-aquatic grasshopper *Cornops aquaticum* is also ...

Sustainable production of multifunctional hierarchical carbon from weed water hyacinth: Assessment for lithium-ion battery and supercapacitor Sapon Butcha a, Chonticha ...

In this paper, the remediation strategies that have been proposed for the remediation of water resources through the removal of organic pollutants using water hyacinth ...

Water hyacinth reproduces both sexually and asexually. The rapid increase and spread of the plant into new areas is due particularly to its vegetative reproduction, a single plant being able ...

about 10 water hyacinth, 5 of small sizes and 5 big ones.3 dwarf water lilies. The water is very clear and I can see all the way down to the 2 feet deep water. The dimension of ...

Synthesis and characterization of CMC from water hyacinth for lithium-ion battery applications February 2018 AIP Conference Proceedings 1927 (1):030023 DOI: ...

Large Wicker Basket Rectangular with Wooden Handles for Shelves, Water Hyacinth Basket Storage, Natural Baskets for Organizing, Wicker Baskets for Storage 14.5

Water hyacinth (*Eichhornia crassipes*) is a weed ubiquitously found in lakes, rivers, and other water bodies across the globe. With high rates of regeneration, survival, and growth, ...

A clean sweep of the old, infected earth can give your Water Hyacinth a new lease on life. Reviving Your Water Hyacinth ? First Aid for Foliage Leaf scorching and discoloration ...

The celluloses can subsequently be integrated into a derivative of a cellulosic compound that is, CMC (carboxymethyl cellulose). CMC is a water-soluble fiber at room temperature. In this ...

This review aims to investigate the use of various forms of water hyacinth (WH), including aquatic plants, biomass, biochar, and modified biochar, as effective adsorbents for ...

In the domain of supercapacitor electrode fabrication, this study investigates the application of gamma

irradiation as a pretreatment step for converting water hyacinth into high ...

Synopsis The study develops a simple, scalable process converting invasive water hyacinth into high-performance activated carbon electrodes for lithium-ion batteries, ...

Water hyacinth (*Eichhornia crassipes*), a worst invasive aquatic weed has been utilised for various research activities over the last few decades. The biosorption capacity of ...

This review presents a comprehensive view of the research related to water hyacinth with special emphasis on the recent investigations on water hyacinth control and ...

From invasive weed to opportunity: the case of water hyacinth Water hyacinth, long viewed as an environmental menace, can be transformed into a valuable asset for aquaculture.

To provide added value to the utilization of water hyacinth, a synthesis and characterization of porous carbon from water hyacinth has been carried out which is used as a ...

Especially, using low-cost, environmentally friendly, and high-cycle stability activated carbon (AC) from the water hyacinth (*Eichhornia crassipes*) waste material for charge storage application is ...

Water hyacinth is a free-floating perennial aquatic plant native to tropical and sub-tropical South America. With broad, thick, glossy, ovate leaves, water hyacinth may rise above the surface of ...

Abstract The proliferation of water hyacinth (WH) can cause significant problems in freshwater; therefore, the effective management and utilization of WH are intensively ...

The invasive aquatic plant *Pontederia crassipes* (water hyacinth) presents significant ecological and economic challenges worldwide due to its rapid proliferation and dominance in ...

To provide added value to the utilization of water hyacinth, a synthesis and characterization of porous carbon from water hyacinth has been carried out which is used as a sulfur cathode ...

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