

Cellulose-based electrochemical energy storage devices

Aqueous zinc-ion energy storage technology is currently undergoing intensive exploration. The construction of high-efficiency batteries remains a significant obstacle to the ...

Recent findings demonstrate that cellulose, a highly abundant, versatile, sustainable, and inexpensive material, can be used in the preparation of very stable and flexible electrochemical ...

<p>Cellulose-based materials have attracted growing interest in the development of advanced energy storage systems due to their intrinsic sustainability, tunable physicochemical properties, ...

BC-based materials and their derivatives have been utilized to fabricate advanced functional materials for electrochemical energy storage devices and flexible electronics. This review ...

We have discussed the different uses of cellulose-based hydrogels in energy storage and conversion devices, [29] so we will briefly summarize the various properties of cellulose-based ...



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