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The morphological, physicochemical, and electronic properties were then thoroughly evaluated to assess their use in different fields, from energy storage devices to ...

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Titanium-based RFBs, first developed by NASA in the 1970s, are an interesting albeit less examined chemistry and are the focus of the present review.

Apart from the various potential applications of titanium dioxide (TiO₂), a variety of TiO₂ nanostructure (nanoparticles, nanorods, nanoneedles, nanowires, and nanotubes) are ...

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In order to improve their electrochemical performance, several attempts have been conducted to produce TiO₂ nanoarrays with ...

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