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The inside cover of this special issue on Photocatalysis is provided by Ryu Abe and co-workers, who demonstrate in a Full Paper on p. 228 a two-step photoexcitation between Pt-TaON and Pt(PtO)-WO₃ in the presence of an iodate-iodide (IO₃⁻/I⁻) shuttle redox mediator. The combined photocatalytic water-splitting system is investigated under various reaction conditions, using solutions with different pH values or redox mediator concentrations, and the influence of these factors on the overall efficiency is discussed.



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Inside Cover

Ryu Abe*, Masanobu Higashi, and Kazunari Domen

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