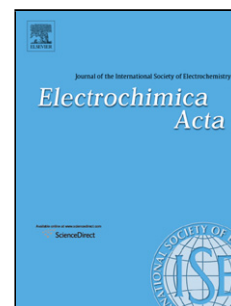


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## ***Operando* Analyses of Solar Fuels Light Absorbers and Catalysts**

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### **Abstract**

*Operando* synchrotron radiation photoelectron spectroscopy (SRPES) in the tender X-ray energy range has been used to obtain information on the energy-band relations of semiconductor and metal-covered semiconductor surfaces while in direct contact with aqueous electrolytes under potentiostatic control. The system that was investigated consists of highly doped Si substrates

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