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Title: Specific Interaction between Dyes and Ions In
Dye-sensitized Solar Cells Observed with Temporal Spectral
Shift of Dyes

Author: R. Hosokawa S. Kuwahara K. Katayama



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Highlights

Long-lived ruthenium-dye / iodine interaction were found.

The interaction continued for >20 ms.

Similar interaction was found for a specific organic dye.

The bleach peak of dyes were blue-shifted.

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