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Research paper

ASpin Exchange Model for Singlet Fission

Tomoaki Yago, Masanobu Wakasa

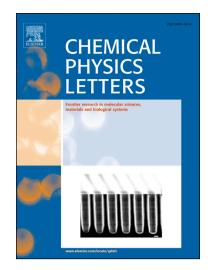
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### **ACCEPTED MANUSCRIPT**

## A Spin Exchange Model for Singlet Fission

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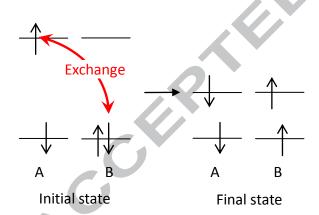
#### Highlights

We propose a spin exchange model for singlet fission.

A necessary condition for spin exchange is a variation in exchange interactions.

The spin exchange model can be also adapted to triplet fusion and triplet energy transfer.

#### Graphical abstract



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