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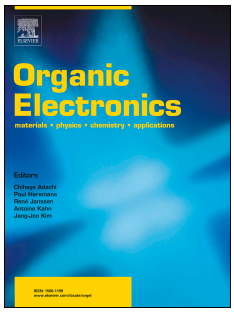

Molecular engineering to improve carrier lifetimes for organic photovoltaic devices with thick active layers

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