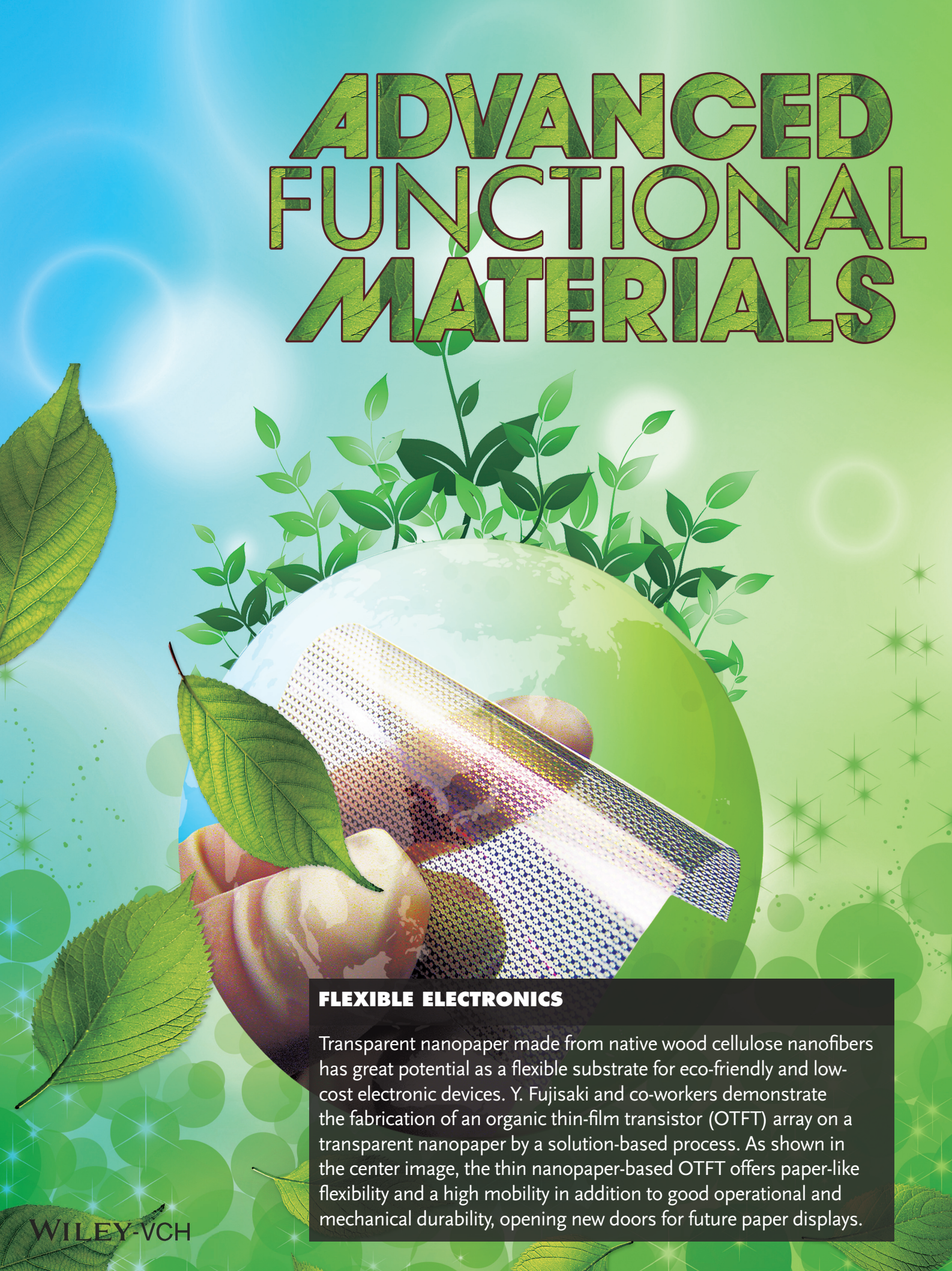


# ADVANCED FUNCTIONAL MATERIALS



## **FLEXIBLE ELECTRONICS**

Transparent nanopaper made from native wood cellulose nanofibers has great potential as a flexible substrate for eco-friendly and low-cost electronic devices. Y. Fujisaki and co-workers demonstrate the fabrication of an organic thin-film transistor (OTFT) array on a transparent nanopaper by a solution-based process. As shown in the center image, the thin nanopaper-based OTFT offers paper-like flexibility and a high mobility in addition to good operational and mechanical durability, opening new doors for future paper displays.