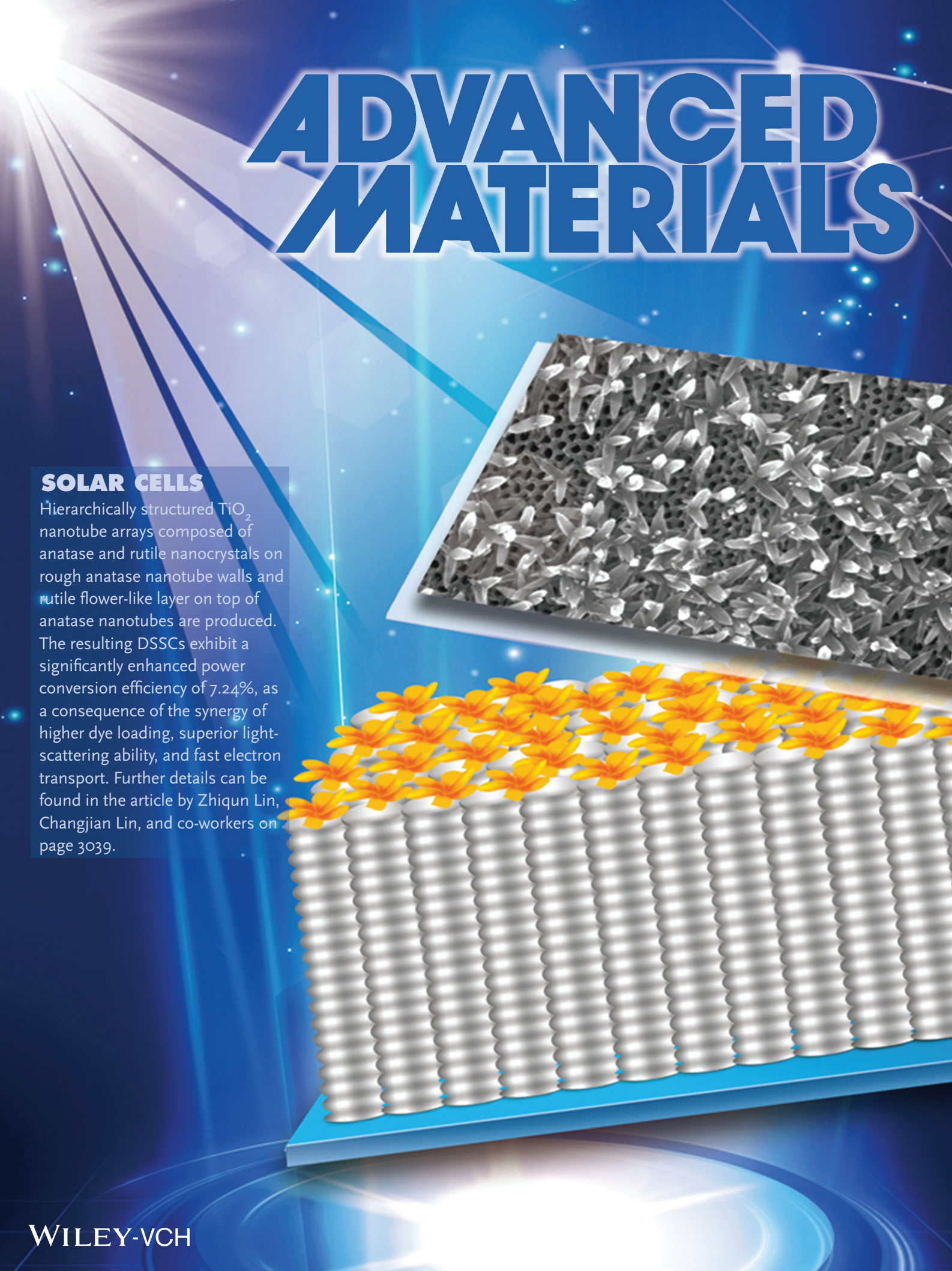
ADVANCED MATERIALS



SOLAR CELLS

Hierarchically structured TiO_2 nanotube arrays composed of anatase and rutile nanocrystals on rough anatase nanotube walls and rutile flower-like layer on top of anatase nanotubes are produced. The resulting DSSCs exhibit a significantly enhanced power conversion efficiency of 7.24%, as a consequence of the synergy of higher dye loading, superior light-scattering ability, and fast electron transport. Further details can be found in the article by Zhiqun Lin, Changjian Lin, and co-workers on page 3039.

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