

A Journal of the Gesellschaft Deutscher Chemiker

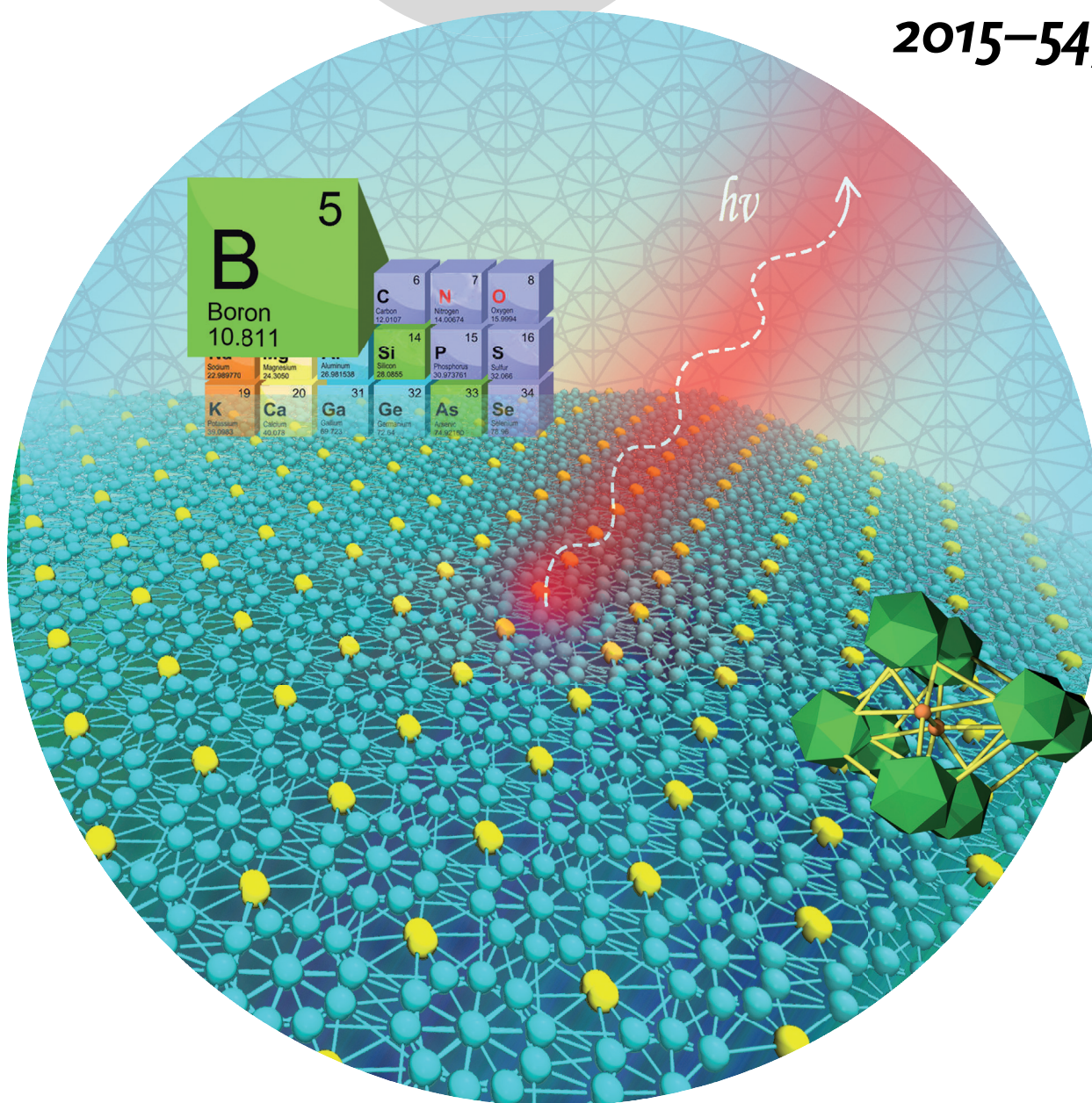
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2015–54/51



Two-dimensional allotropes ...

... of boron have attracted much theoretical interest in recent years. In their Communication on page 15473 ff., G. Tai et al. report the synthesis of 2D boron monolayers on copper foils by chemical vapor deposition. The monolayers behave as a promising semiconductor. This study paves the way to fascinating applications in nanoelectronic and nanophotonic devices.

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