



# ADVANCED MATERIALS

Few-layer black phosphorous (BP) has emerged as a promising candidate for next-generation nanophotonic and nanoelectronic devices. However, rapid ambient degradation of mechanically-exfoliated BP poses challenges in its practical use in devices. In article number 1700152, Sumeet Walia, Vipul Bansal, and co-workers describe an approach that allows the material to remain stable without requiring its isolation from the ambient environment, opening opportunities to implement BP and other environmentally-sensitive two-dimensional (2D) materials for electronic applications.