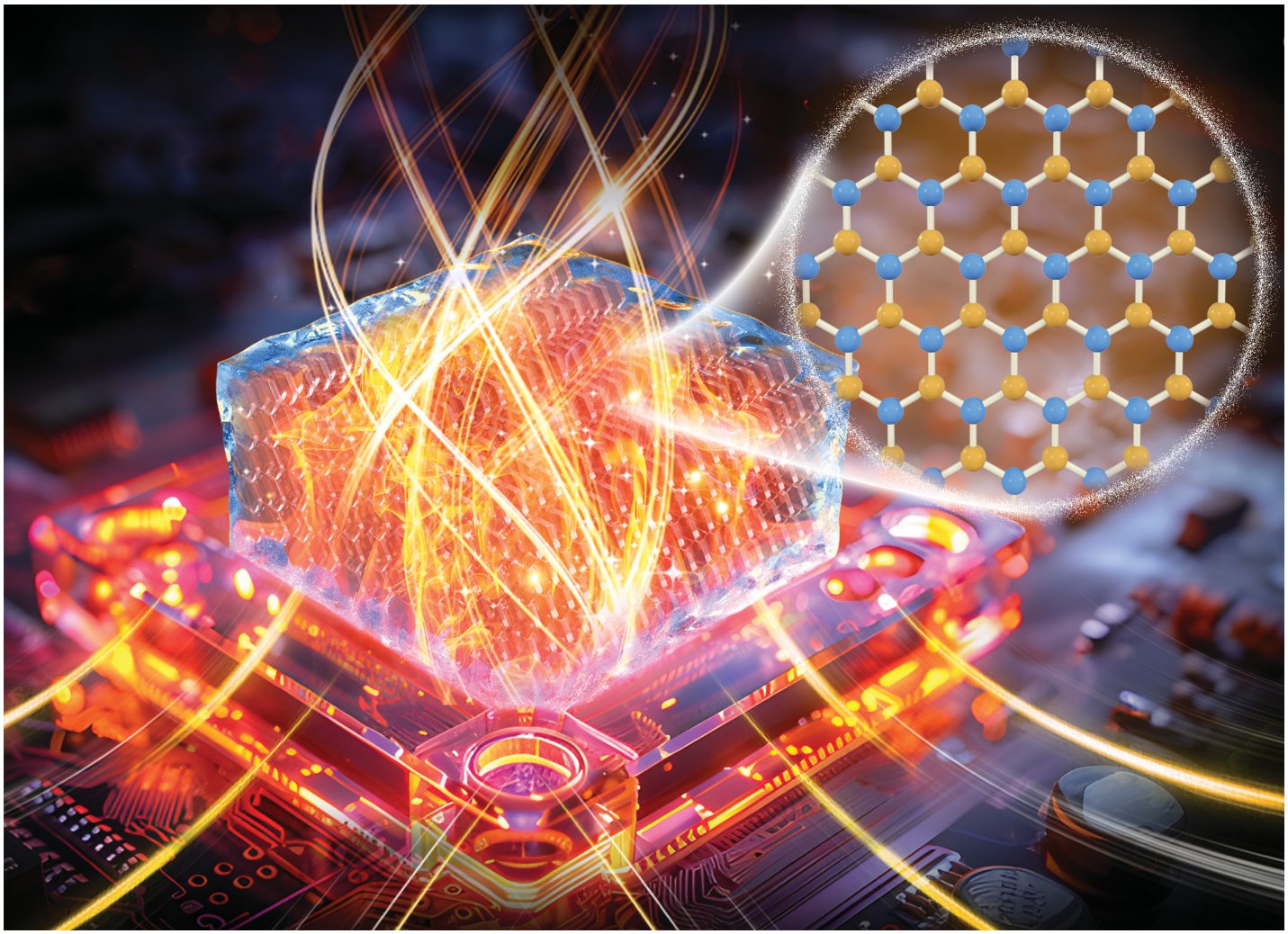

Showcasing research from Professor Jinhong Yu's research group at the Key Laboratory of Advanced Marine Materials, Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, Ningbo, China.

Highly oriented BN-based TIMs with high through-plane thermal conductivity and low compression modulus

Successive implementation of techniques such as stacking, densifying, and vertical cutting resulted in the development of a remarkable BN-based TIM. This TIM is characterized by outstanding thermal conductivity, notably low compression modulus and total effective thermal resistance. This pioneering feat contributes valuable technical insights for the development of high performance insulating TIMs.

As featured in:

See Chen Xue, Jinhong Yu *et al.*, *Mater. Horiz.*, 2024, **11**, 4064.

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