

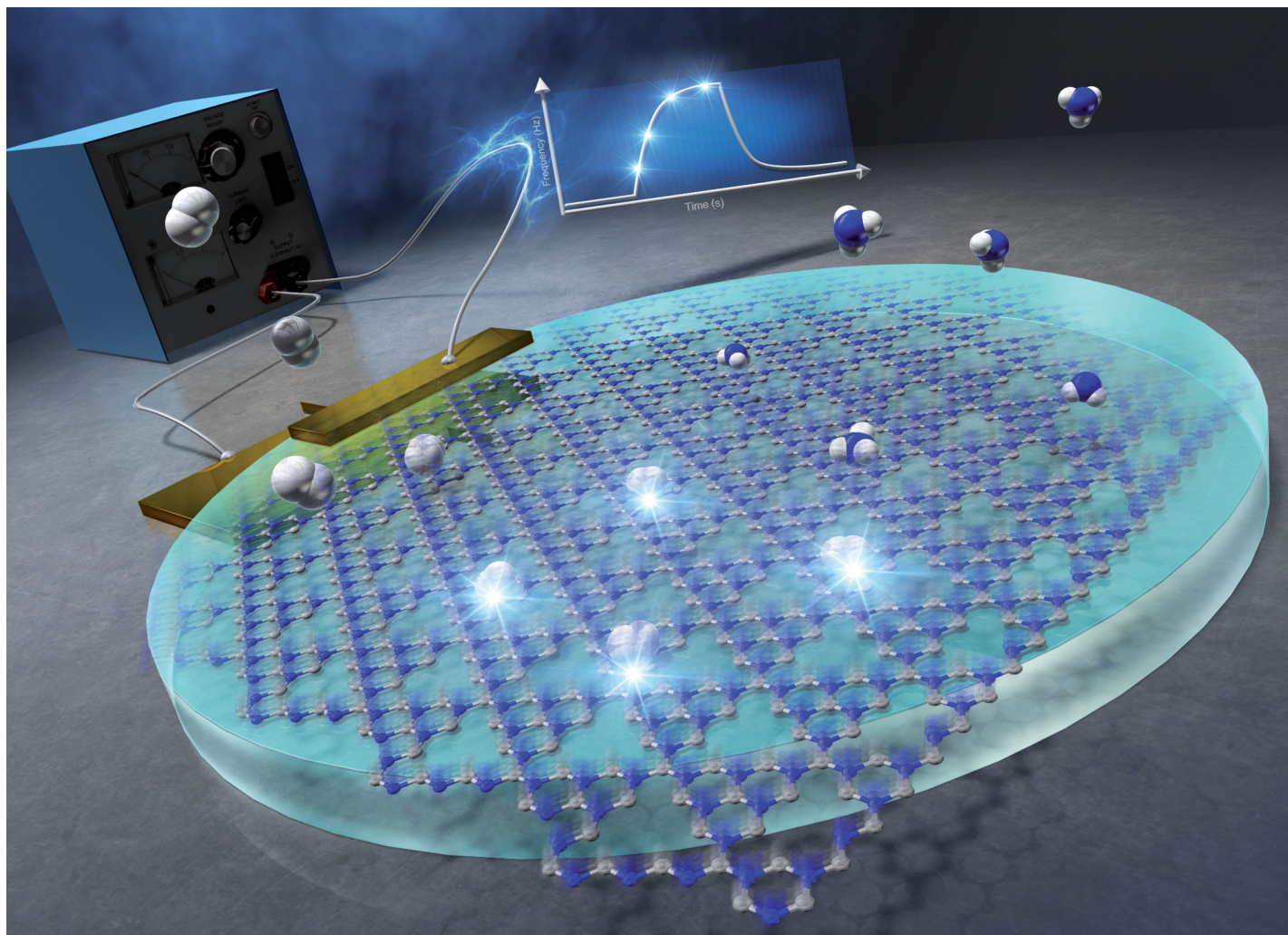
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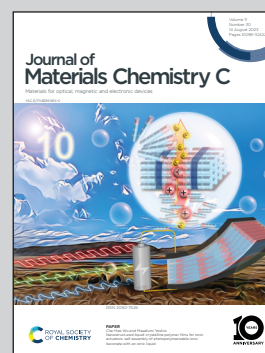


Showcasing research from Tokyo Denki University, Japan

A graphitic carbon nitride-coated quartz crystal microbalance gas sensor for H₂ detection

Quartz crystal microbalance (QCM) technique based on the use of a graphitic carbon nitride (g-C₃N₄)-modified QCM electrode was successfully used to detect H₂ gas without requirement for noble metal composite materials and heating for operation.

As featured in:



See Yasushi Ishiguro *et al.*,
J. Mater. Chem. C, 2023, **11**, 10178.