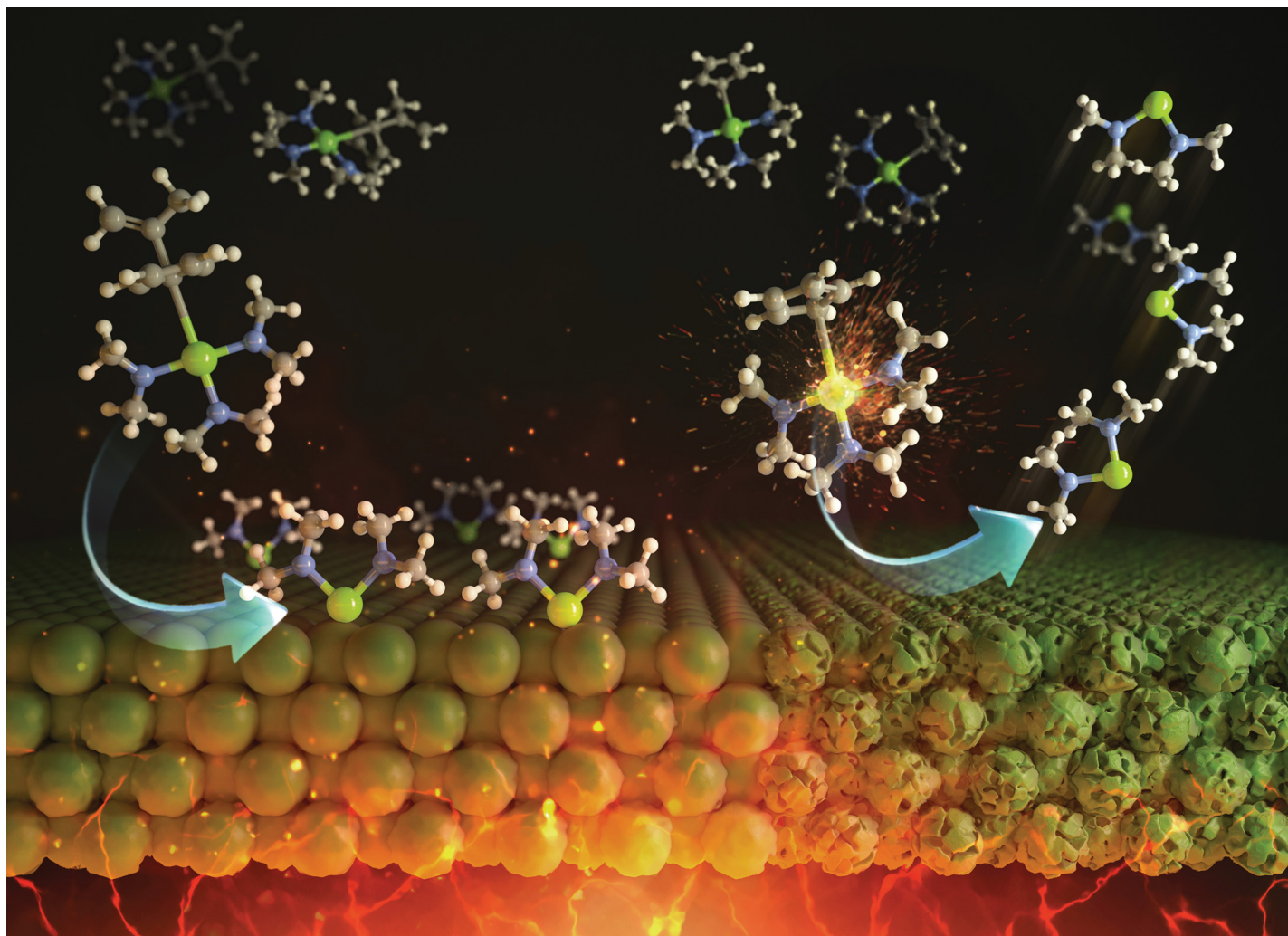


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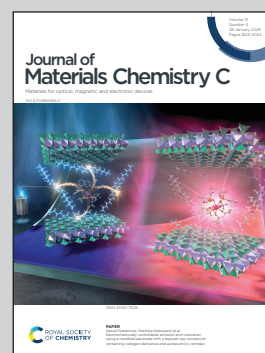


Showcasing research from Professor Tae Joo Park's laboratory, Department of Materials Science and Chemical Engineering, Hanyang University, Ansan, Republic of Korea.

High-temperature atomic layer deposition of HfO₂ film with low impurity using a novel Hf precursor

HfO₂ film was grown using a novel Hf precursor, FuHf(NMe₂)₃. Physicochemical and electrical properties were improved at high temperature compared to film grown using the CpHf(NMe₂)₃ precursor, and it was verified by theoretical calculations.

As featured in:



See Bonggeun Shong,
Tae Joo Park *et al.*,
J. Mater. Chem. C, 2025, **13**, 1637.