

RSC Applied Interfaces

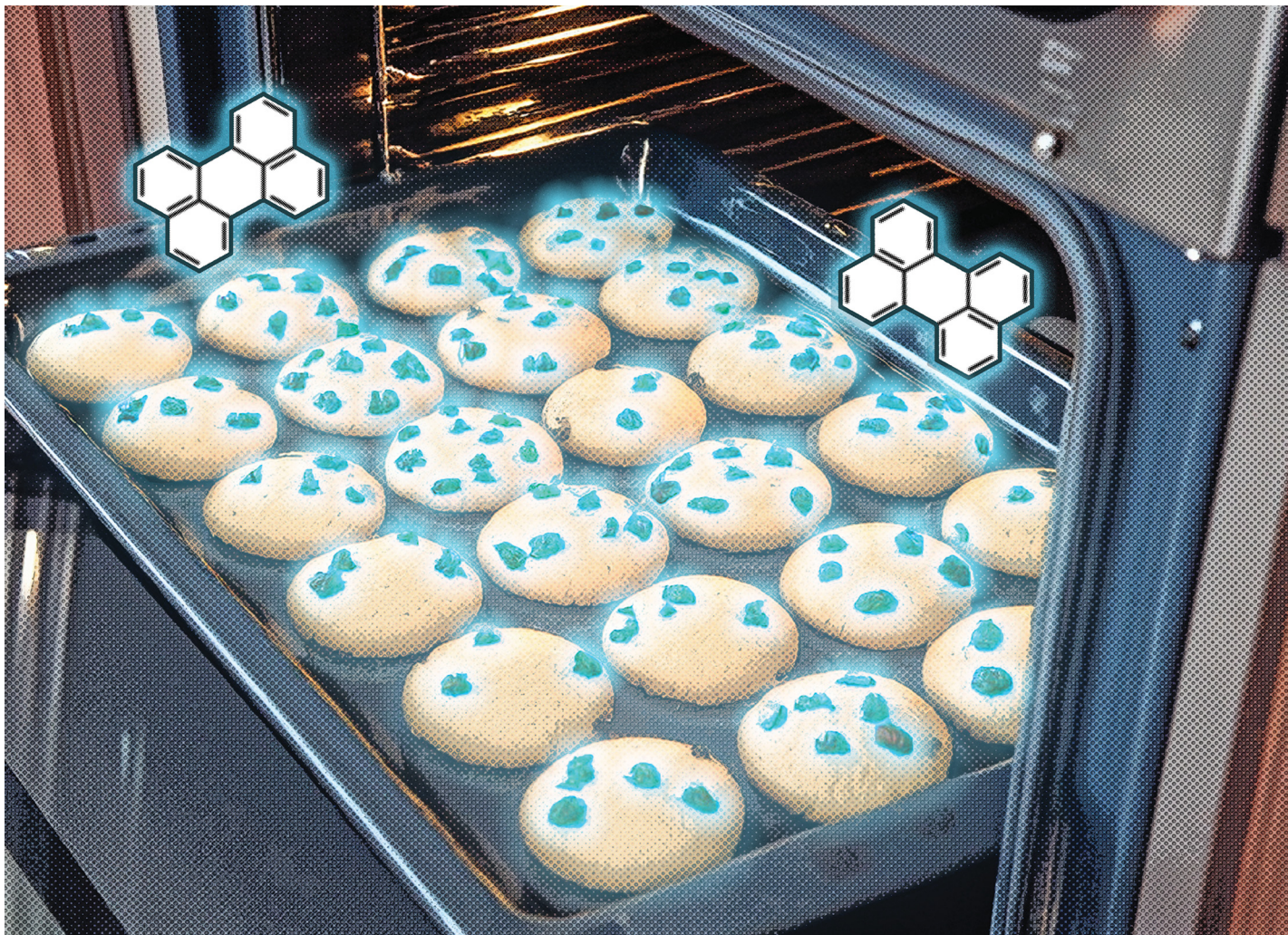
GOLD
OPEN
ACCESS

**Interfacial and surface research
with an applied focus**

Interdisciplinary and open access

rsc.li/RSCApplInter

**Fundamental questions
Elemental answers**



Showcasing research from Professor Jingwei Hou's laboratory, School of Chemical Engineering, University of Queensland, St Lucia, Australia.

Aggregation suppression and enhanced blue emission of perylene in zinc-based coordination polymer glass

Blue-emitting coordination polymer glasses were fabricated using perylene dye and a zinc-based coordination glass. Solid-state aggregation-caused quenching (ACQ) of perylene monomers was significantly suppressed, yielding a stable hybrid glass with a high photoluminescent quantum yield of 75.5%.

As featured in:



See Zixi Xie, Jingwei Hou *et al.*,
Chem. Commun., 2025, **61**, 3492.