


# Environmental Science: Advances

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Uniting disciplines to solve  
environmental challenges

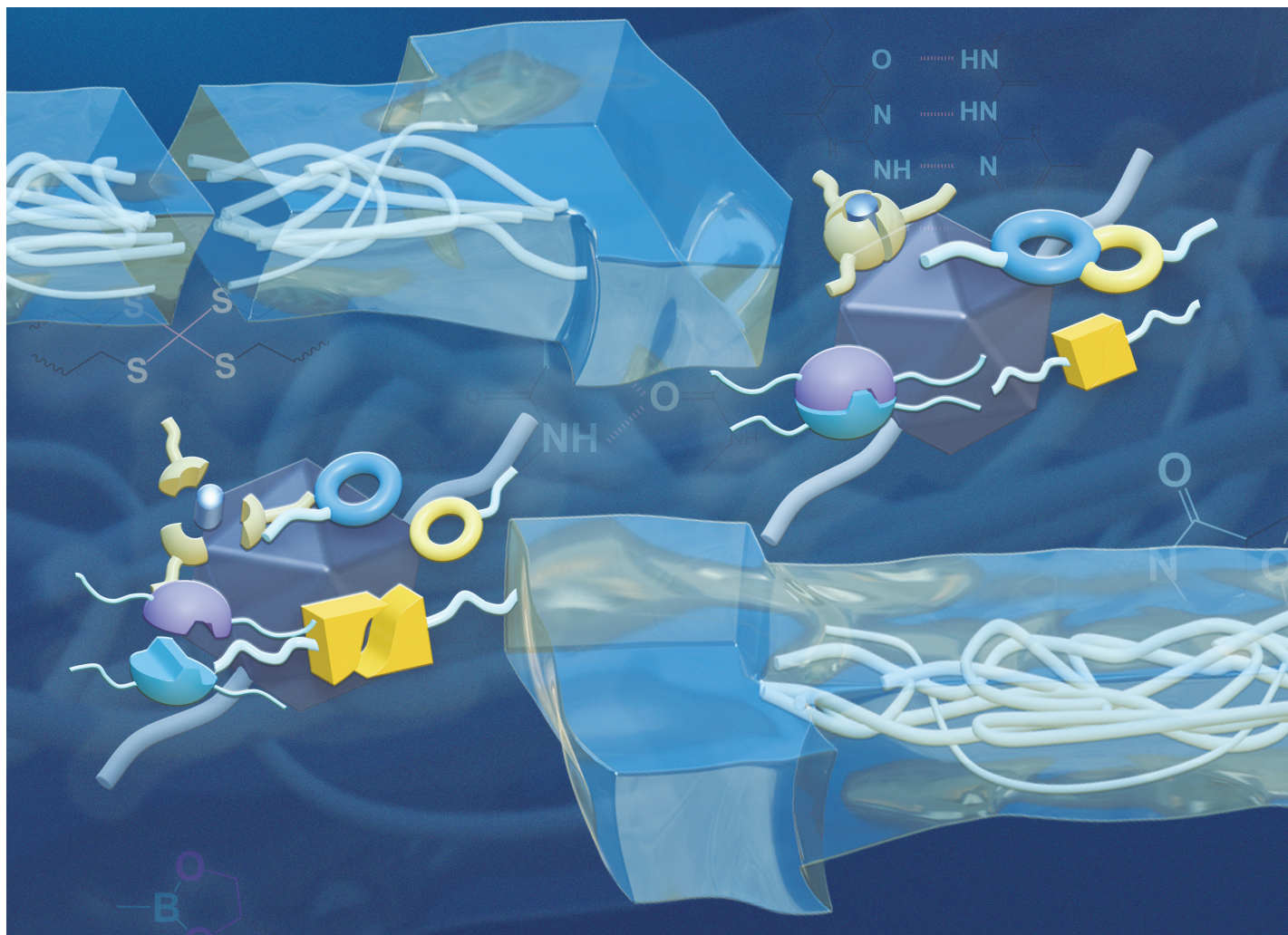
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Fundamental questions  
Elemental answers



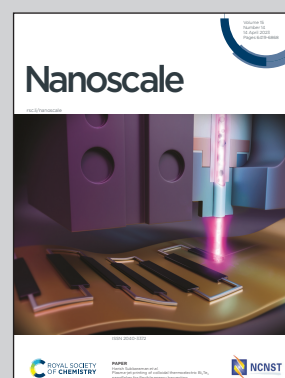


**Showcasing research from Prof. Hui Zhao's laboratory,  
Guangxi University, Nanning, China.**

Recent advances in self-healing polyurethane based on dynamic covalent bonds combining with other self-healing methods

In the research process of self-healing PU, it is found that the competitive relationship between self-healing ability and mechanical properties cannot be avoided by a single self-healing method. This problem can be overcome by combining dynamic covalent bonding with other self-healing methods to design different double-network or multi-network polymers.

**As featured in:**



See Hui Zhao *et al.*, *Nanoscale*, 2023, 15, 6505.