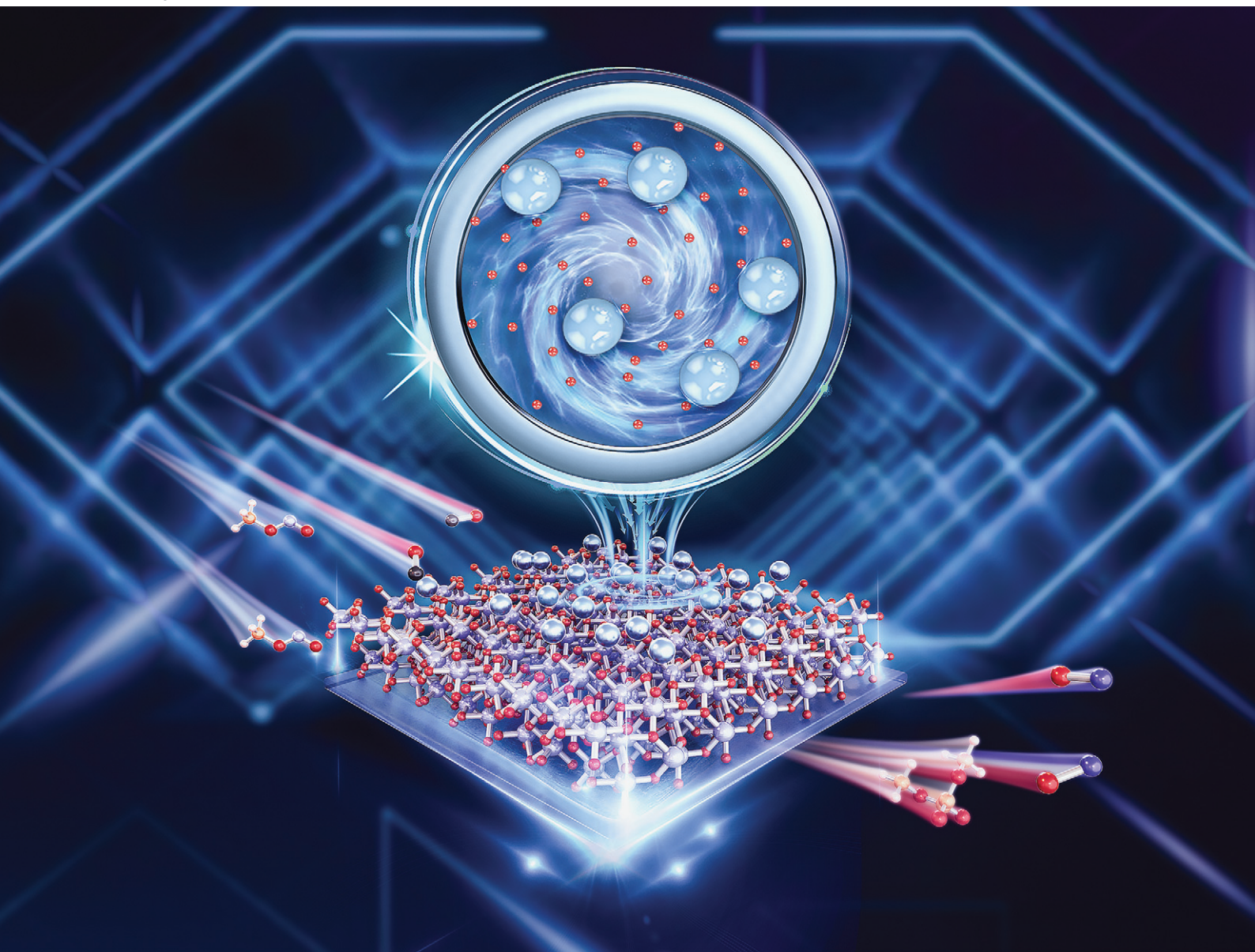


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**PAPER**

Zhijian Tian *et al.*  
Mechanochemical synthesis of a high-surface-area  
Pd/ $\alpha$ -Al<sub>2</sub>O<sub>3</sub> catalyst for CO oxidative coupling to dimethyl  
oxalate reaction