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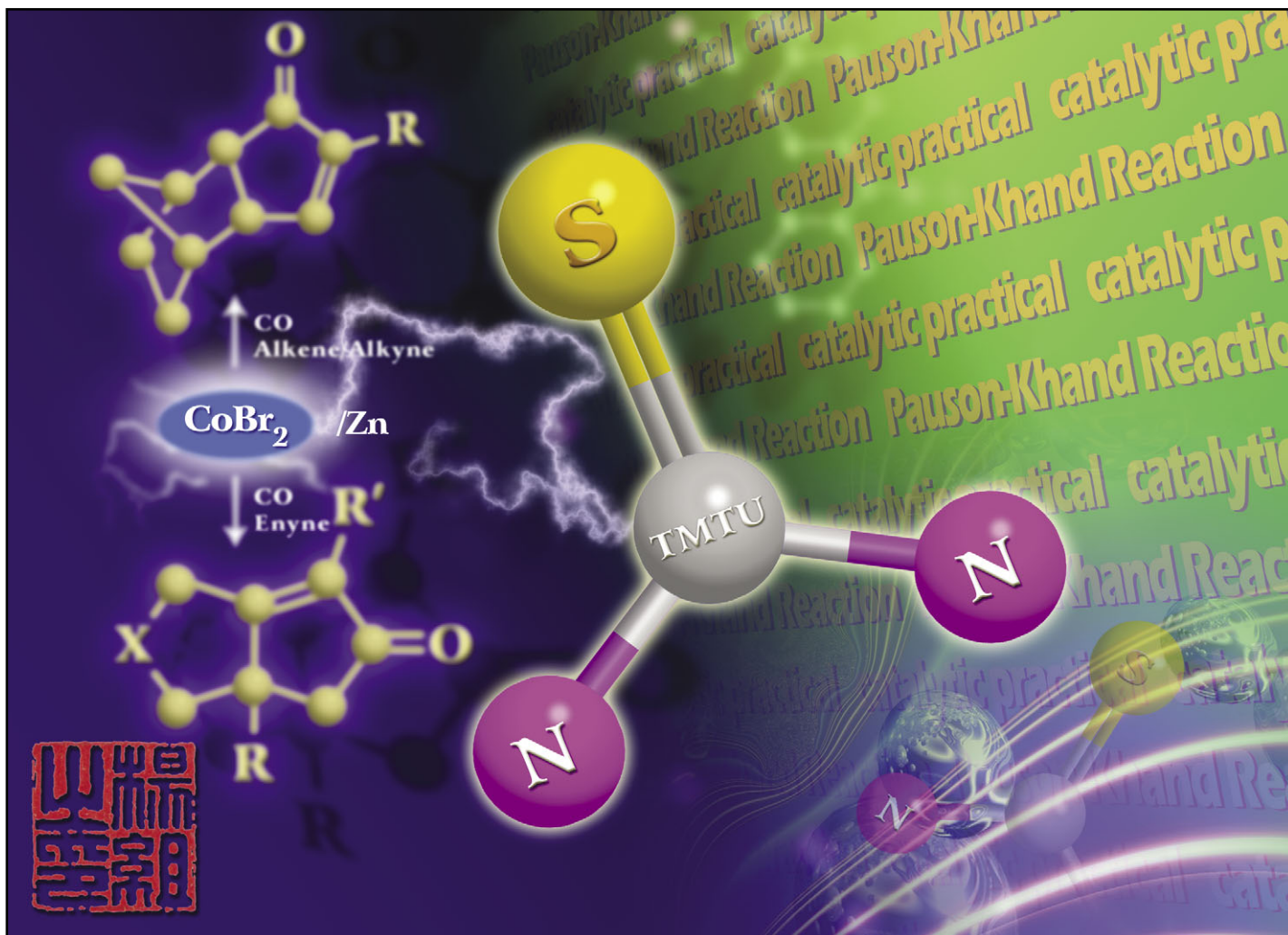


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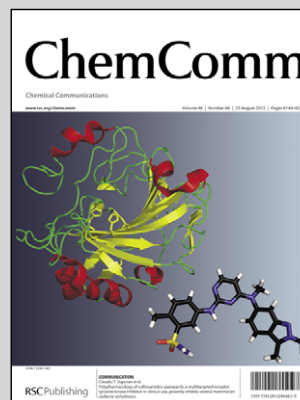


Showcasing research from the laboratory of  
Dr Zhen Yang at Peking University, Beijing, China.

#### $\text{CoBr}_2$ -TMTU-zinc catalysed-Pauson-Khand reaction

A novel cobalt-TMTU complex, derived from the *in situ* reduction of  $\text{CoBr}_2$  with Zn in the presence of TMTU can catalyze the Pauson-Khand reaction under a balloon pressure of CO, which enables the practical synthesis of cyclopentenones in terms of potential flexibility and atom economy.

As featured in:



See Jiahua Chen, Zhen Yang *et al.*,  
*Chem. Commun.*, 2012, **48**, 8183.