



Showcasing artwork by Associate Professor Guoping Yang and Professor Yunhai Liu from School of Chemistry and Materials Science, Jiangxi Key Laboratory for Mass Spectrometry and Instrumentation, East China University of Technology, China, and Professor Yongge Wei *et al.* from Department of Chemistry, Tsinghua University, China.

Highly-stable Silverton-type U^{IV} -containing polyoxomolybdate frameworks for the heterogeneous catalytic synthesis of quinazolinones

The first series of Silverton-type $\{U^{IV}Mo_{12}O_{40}\}$ -based polyoxomolybdates with 3D frameworks linked by transitional metal ions were synthesized and characterized, which exhibit excellent solvent and pH stabilities and can be used as heterogeneous catalysts for the catalytic synthesis of quinazolinone drug precursor skeletons in high yields and selectivity.

Credit: artist Ms Qinqin Wei and Quinn Studio.

As featured in:



See Guoping Yang, Yunhai Liu, Yongge Wei *et al.*, *Green Chem.*, 2024, 26, 6454.