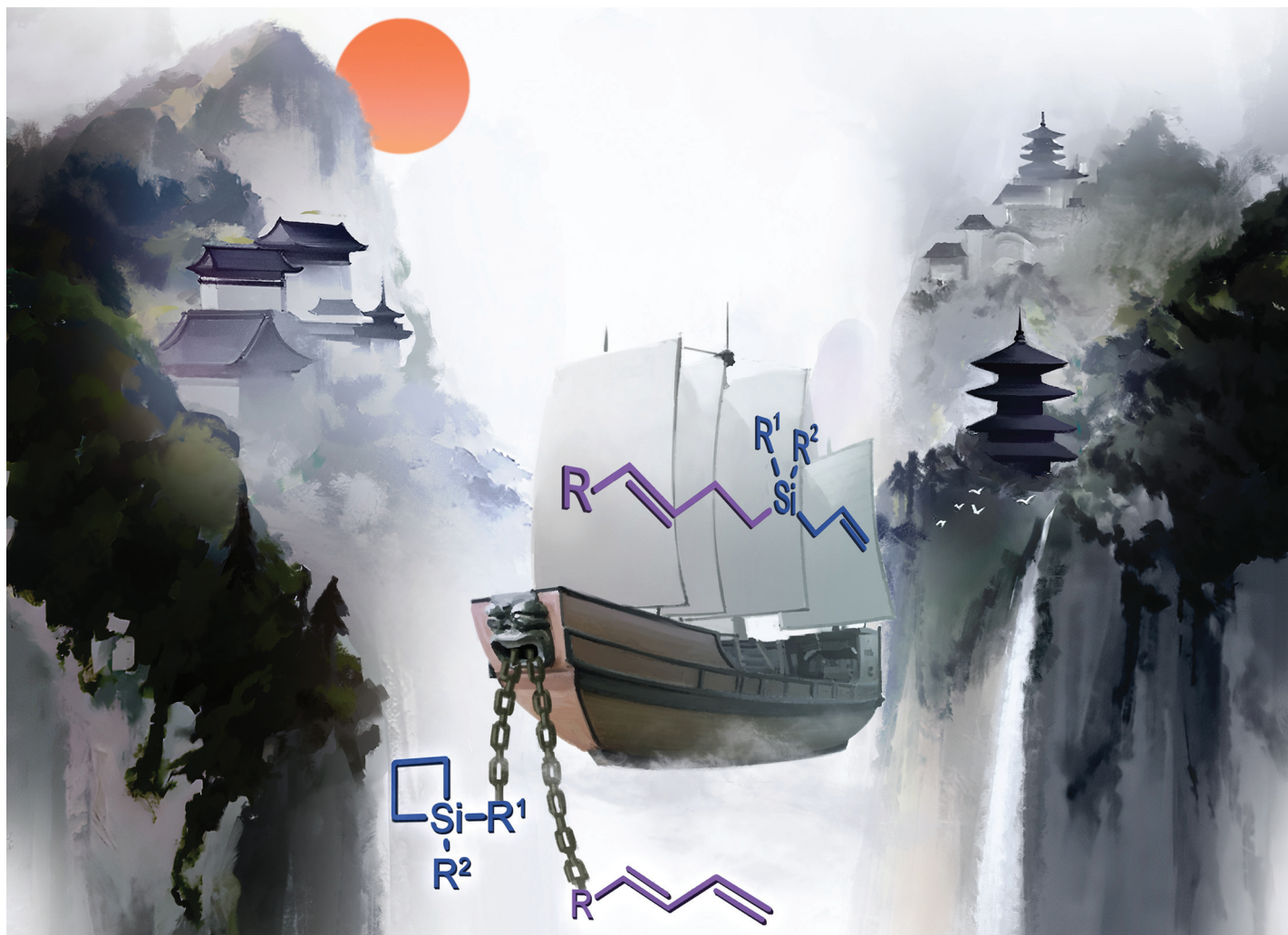




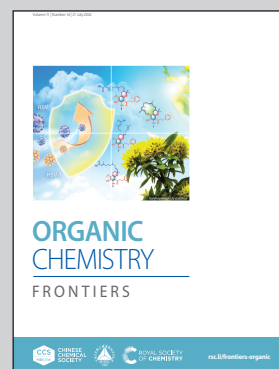


Showcasing research from Professor Zhang JunLiang's laboratory, School of Chemistry, University of Shihezi, Shihezi, China.

Nickel(0)-catalyzed ring-opening reaction of silacyclobutanes with 1,3-dienes to access allylsilane

Here we report a Ni-catalyzed ring-opening reaction of SCBs with 1,3-dienes for a straightforward and facile preparation of novel longer chain allylsilanes with simple conditions, wide substrate scope, versatile transformation of the product, and high atom economy.

As featured in:



See Zhan-Ming Zhang, Zhong Wei, Junliang Zhang *et al.*, *Org. Chem. Front.*, 2024, 11, 3821.

Registered charity number: 207890