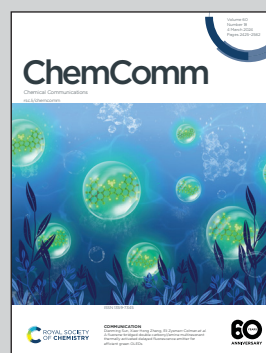


Showcasing research from Professor Guangqiang Liu's laboratory, School of Physics and Physical Engineering, Qufu Normal University, P. R. China.

Polystyrene microspheres with ultra-rough surfaces engineered using RIE technique and applied using SERS

Ultra-rough surfaces based on polystyrene microspheres were constructed using a reactive ion etching technique. We have proposed the formation mechanism of the novel structures and studied their application in surface-enhanced Raman scattering.

As featured in:



See Sujuan Feng,
Guangqiang Liu *et al.*,
Chem. Commun., 2024, **60**, 2493.