

RSC Applied Interfaces

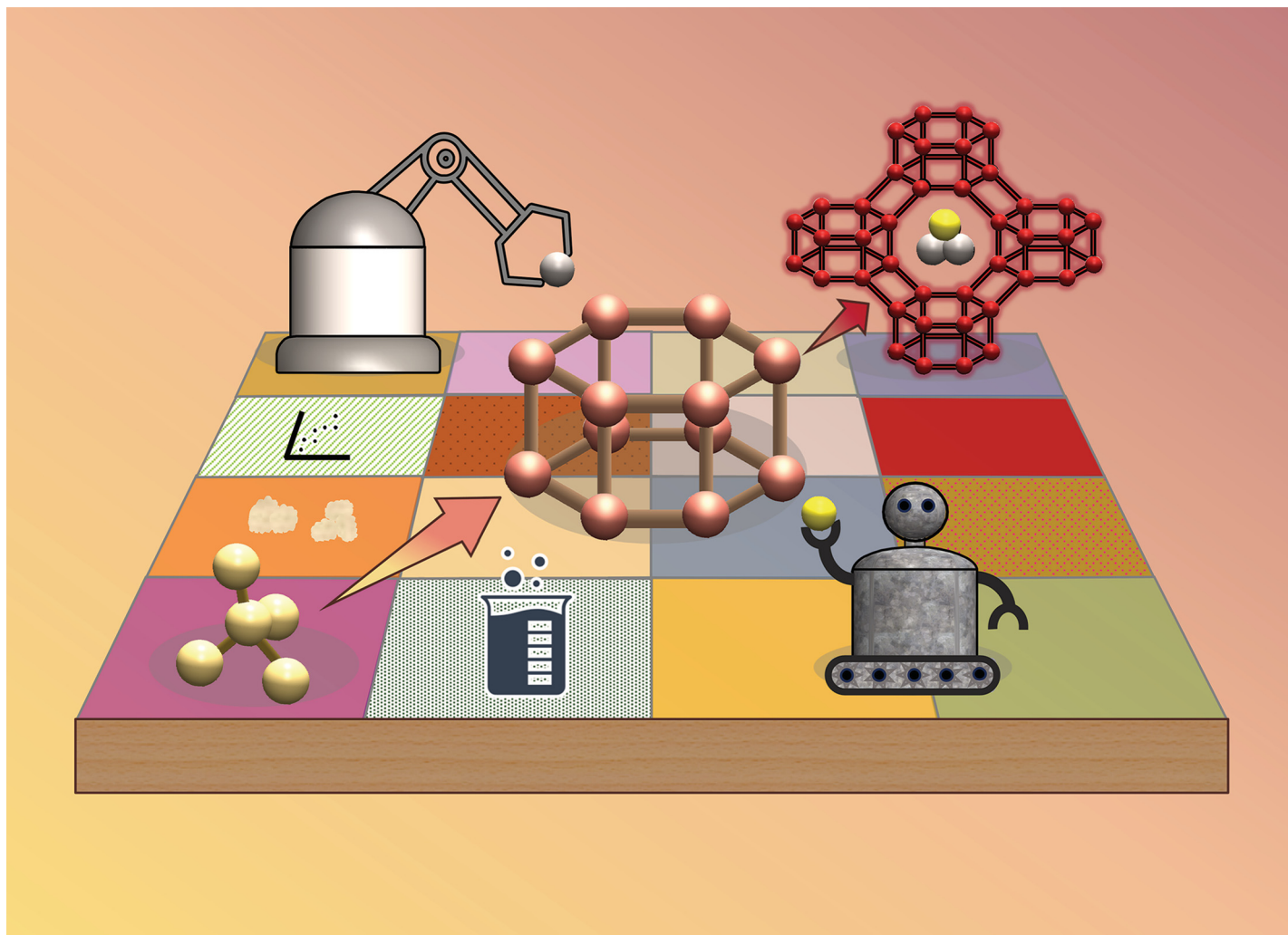
GOLD
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**Interfacial and surface research
with an applied focus**

Interdisciplinary and open access

rsc.li/RSCApplInter

**Fundamental questions
Elemental answers**

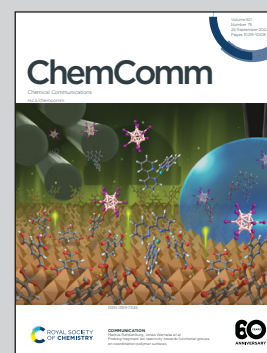


Showcasing research from Professor Robert Raja's laboratory, School of Chemistry and Chemical Engineering, University of Southampton, Hampshire, United Kingdom. The cover image was conceived, designed and illustrated by R. Raja, M. Walerowski and L.-M. Armstrong

Rationalising catalytic performance using a unique correlation matrix

Through meticulous control of synthetic variables, we precisely controlled nanoparticle size and derived a unique synthesis–structure–performance correlation matrix. Our correlation matrix visually demonstrates the influence of our synthetic protocol on the catalyst structure and enables the derivation of robust structure–performance relationships.

As featured in:



See Robert Raja *et al.*,
Chem. Commun., 2024, **60**, 10314.