

Themed issue: Dedicated to Professor Jean-Pierre Sauvage

Issue 6 is a themed issue dedicated to the work of Professor Jean-Pierre Sauvage on the occasion of his 65th birthday. Professor Sauvage pioneered the area of transition metal directed self-assembly and is particularly noted for his synthesis of a variety of metal-directed catenanes, rotaxanes and trefoil knots. By controlling molecular motion in these systems using redox- or chemical switching, Professor Sauvage produced some of the earliest examples of synthetic molecular machines.

Reviews include:

Engineering discrete stacks of aromatic molecules

Jeremy K. Klosterman, Yoshihiro Yamauchi and Makoto Fujita

Modern reaction-based indicator systems

Dong-Gyu Cho and Jonathan L. Sessler

Active metal template synthesis of rotaxanes, catenanes and molecular shuttles

James D. Crowley, Stephen M. Goldup, Ai-Lan Lee, David A. Leigh and Roy T. McBurney

Gold nanoparticles in nanomedicine: preparations, imaging, diagnostics, therapies and toxicity

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Phosphines as building blocks in coordination-based self-assembly

Stuart L. James

Topology in molecules inspired, seen and represented

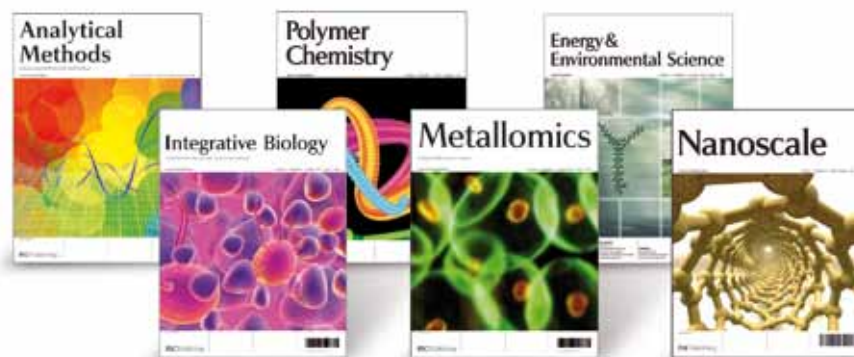
David B. Amabilino and Lluïsa Pérez-García

Guest editor



Philip A. Gale
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