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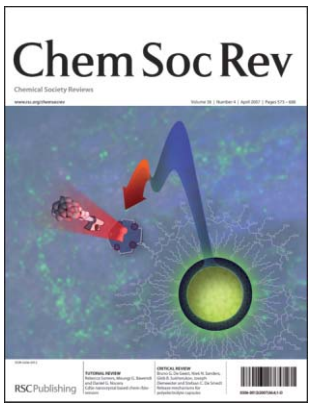

Cover

See Rebecca Somers, Moungi G. Bawendi and Daniel G. Nocera, page 579.
Manipulation of fluorescent resonant energy transfer between a CdSe nanocrystal and an analyte reporter is a predominant optical sensing mechanism of CdSe chemical and biological sensors.
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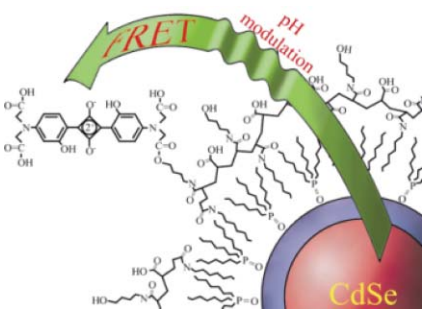

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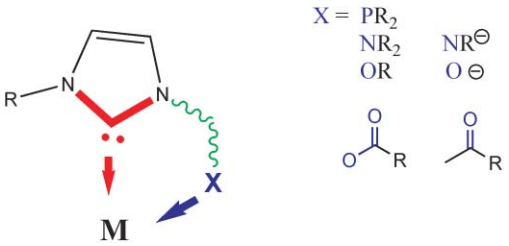
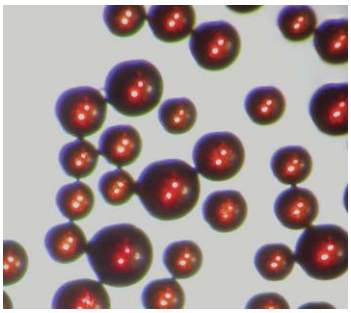
TUTORIAL REVIEWS





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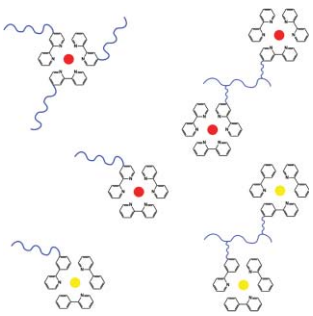

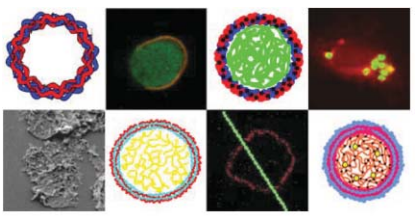

Polyelectrolyte capsules: multifunctional drug delivery vehicles of the future?

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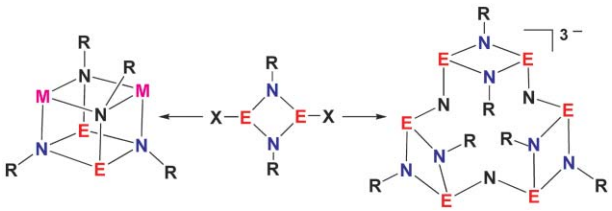

Chemistry of pnictogen(III)–nitrogen ring systems

Maravanji S. Balakrishna, Dana J. Eisler and Tristram Chivers*

The E_2N_2 (E = P, As, Sb, Bi) ring system is a versatile template for the construction of novel compounds ranging from metal complexes to macrocycles.

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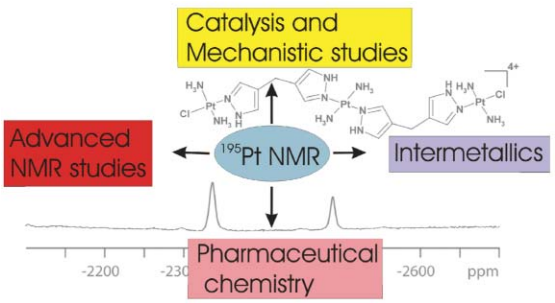

^{195}Pt NMR—theory and application

Brett M. Still, P. G. Anil Kumar, Janice R. Aldrich-Wright and William S. Price*

This review highlights the progress in ^{195}Pt NMR over the last 25 years. In particular, some of the recent applications of ^{195}Pt NMR in catalytic and mechanistic studies, intermetallics and drug binding studies are discussed. The latest developments in the theoretical knowledge and experimental advances have made ^{195}Pt NMR an essential tool for examining molecular interactions and a rich source of information in many other fields.

* Indicates the author for correspondence: see article for details.

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