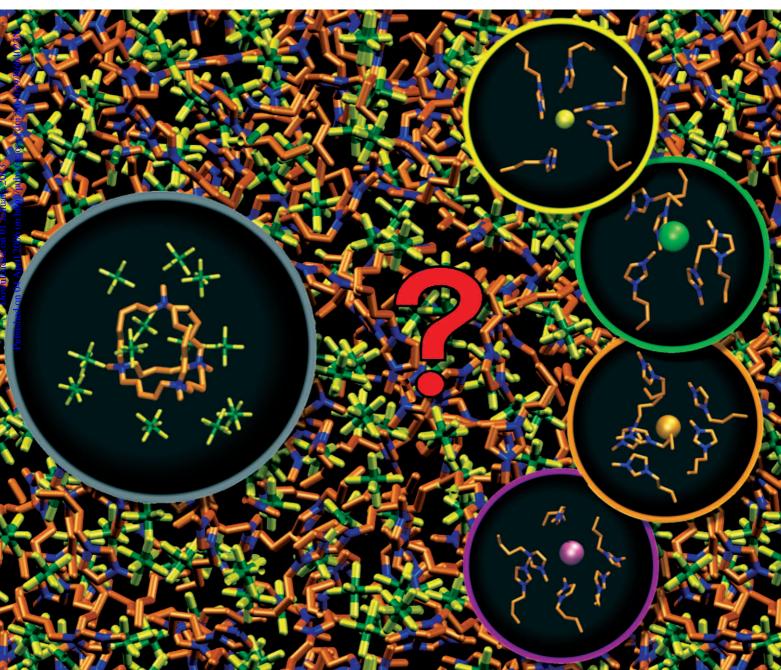


**New Journal of Chemistry** 

An international journal of the chemical sciences

www.rsc.org/njc Volume 30 Number 4 | April 2006 | Pages 493–656



ISSN 1144-0546





Alain Chaumont and Georges Wipff Halide anion solvation and recognition by a macrotricyclic tetraammonium host in an ionic liquid: a molecular dynamics study



1144-0546 (2006) 30:4;1-B

## Downloaded on 01 January 2013

## Accept nothing but the best



for your research

**Journal of Materials Chemistry selects** for publication only one in four articles submitted, ensuring only the most promising and innovative work is included.

Take a look at some of the high impact applications, properties and syntheses of exciting new materials from leading scientists published recently in **Journal of Materials Chemistry:** 

Organic light-emitting diodes based on chargeneutral Os(II) emitters: generation of saturated red emission with very high external quantum efficiency Yung-Liang Tung, Shin-Wun Lee, Yun Chi, Yu-Tai Tao, Chin-Hsiung Chien, Yi-Ming Cheng, Pi-Tai Chou, Shie-Ming Peng and Chao-Shiuan Liu

Self-assembled nanoarchitectures of polar nanobelts/nanowires

Zhong Lin Wang

Possible exploitation of magnetic nanoparticle-cell interaction for biomedical applications Catherine C. Berry

X-Ray photoelectron spectroscopy studies of graphite powder and multiwalled carbon nanotubes covalently modified with Fast Black K: evidence for a chemical release mechanism via electrochemical reduction

Gregory G. Wildgoose, Nathan S. Lawrence, Henry C. Leventis, Li Jiang, Timothy G. J. Jones and Richard G. Compton

Applications of hybrid organic-inorganic nanocomposites

Clément Sanchez, Beatriz Julián, Philippe Belleville and Michael Popall

Carbon nanotube thin films with ordered structures Chunsheng Du, Jeff Yeh and Ning Pan

Metal ammine complexes for hydrogen storage Claus Hviid Christensen, Rasmus Zink Sørensen, Tue Johannessen, Ulrich J. Quaade, Karoliina Honkala, Tobias D. Elmøe, Rikke Køhler and Jens K. Nørskov

Structural control at the organic-solid interface Adam B. Braunschweig, Brian H. Northrop and J. Fraser Stoddart

Absence of ferromagnetism in Mn- and Co-doped

C. N. R. Rao and F. L. Deepak

Advances in organic field-effect transistors Yanming Sun, Yungi Liu and Daoben Zhu

Journal of Materials Chemistry - high impact, high quality, high visibility