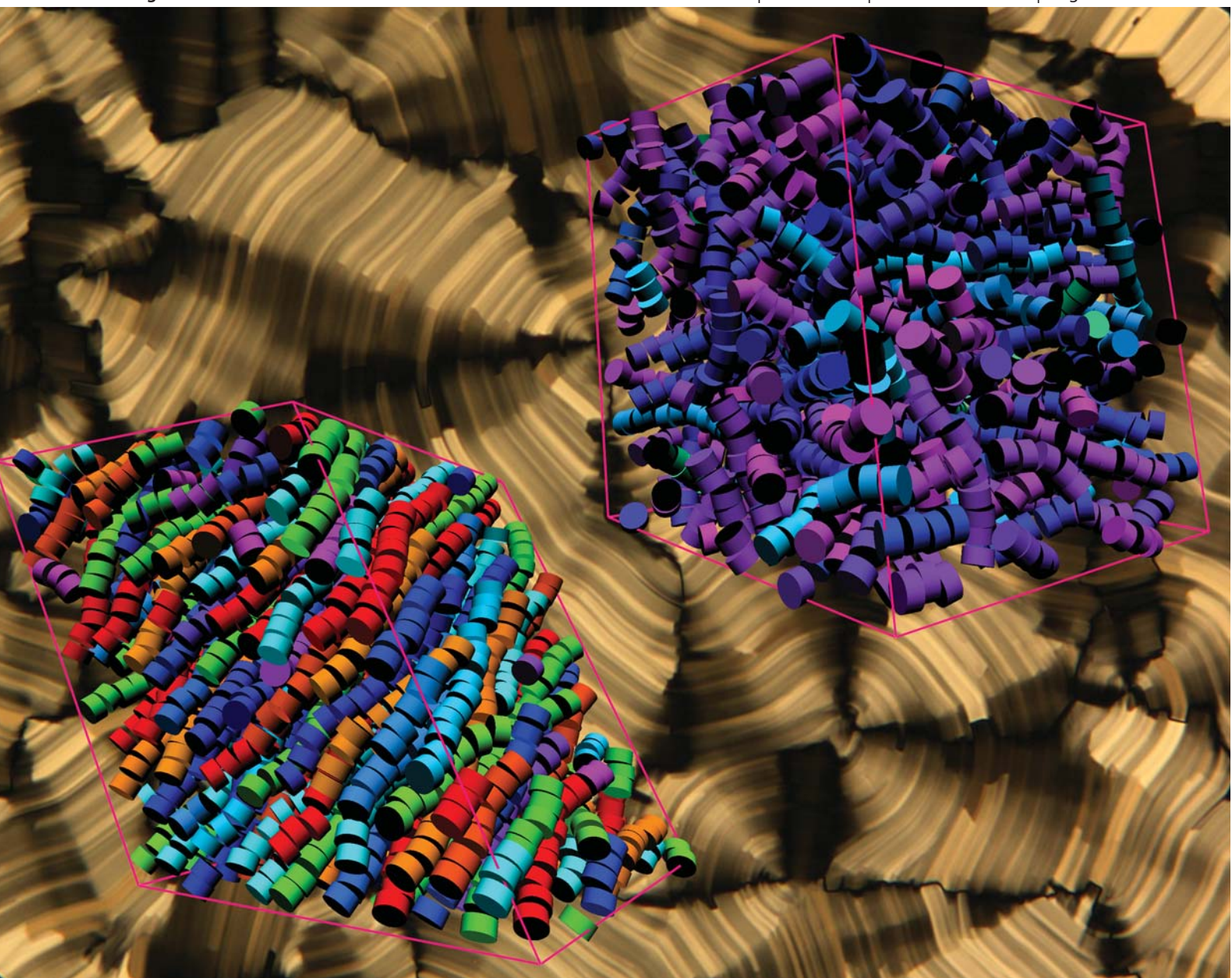


# Journal of Materials Chemistry

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Volume 20 | Number 46 | 14 December 2010 | Pages 10287–10554



Themed issue: Modelling of Materials

ISSN 0959-9428

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**PAPER**

Matthew A. Glaser *et al.*

Linear aggregation and liquid-crystalline order: comparison of Monte Carlo simulation and analytic theory

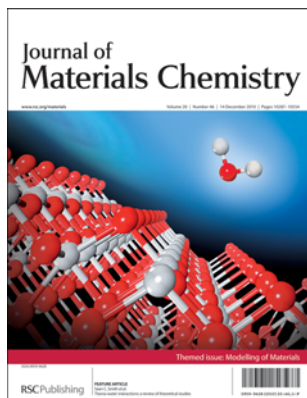
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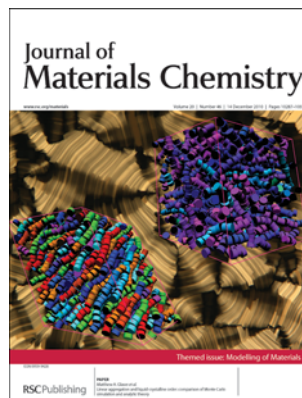
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ISSN 0959-9428 CODEN JMACEP 20(46) 10287–10554 (2010)



### Cover

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## EDITORIAL

10299

### Themed issue: Modelling of materials

Julian D. Gale and Mark Wilson

Guest editors Julian D. Gale and Mark Wilson introduce this themed issue of *Journal of Materials Chemistry* on modelling of materials.



## FEATURE ARTICLES

10301

### Models of organometallic complexes for optoelectronic applications

A. C. Jacko, Ross H. McKenzie and B. J. Powell\*

First principles electronic structure calculations and effective model Hamiltonians provide complementary methods to understand the optical properties of organometallic complexes with applications in OPV and OLED technologies.

