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IN THIS ISSUE

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Cover

See Florian Glöcklhofer *et al.*, pp. 713–720.
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EDITORIAL

700

Introduction to molecular engineering in MOFs: beyond reticular chemistry

Marco Taddei, Ashlee J. Howarth and Takashi Uemura

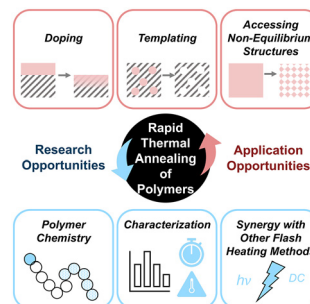


REVIEW

701

Recent advances and emerging opportunities in rapid thermal annealing (RTA) of polymers

Reika Katsumata,* Claire Senger and James Nicolas Pagaduan



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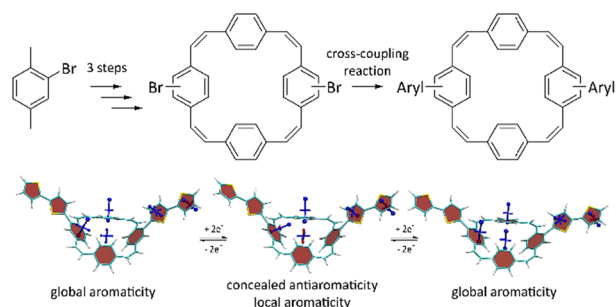
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713

Functionalisation of conjugated macrocycles with type I and II concealed antiaromaticity via cross-coupling reactions

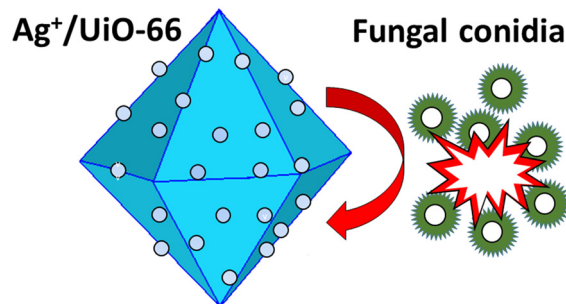
Troy L. R. Bennett, Adam V. Marsh, James M. Turner, Felix Plasser, Martin Heeney and Florian Glöcklhofer*



721

Nanosilver-loaded metal–organic framework UiO-66 with strong fungicidal activity

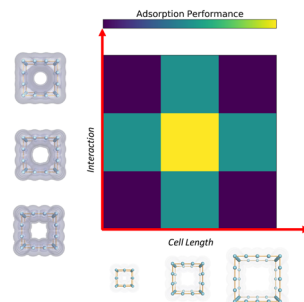
Carolina Chiericatti, Luis A. Lozano and Juan M. Zamaro*



733

Molecular understanding of the impacts of structural characteristics on ethanol adsorption performance for adsorption heat pumps

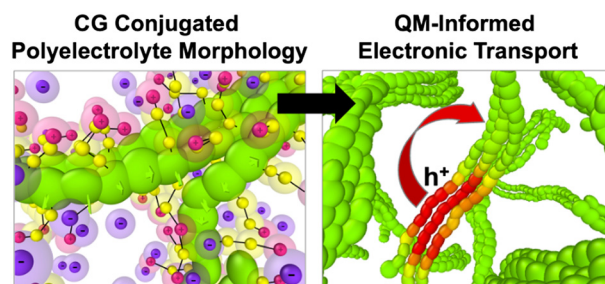
Wei Li, Zhilu Liu, Weixiong Wu and Song Li*



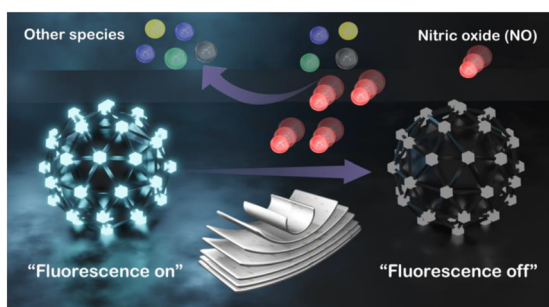
743

Electron and ion transport in semi-dilute conjugated polyelectrolytes: view from a coarse-grained tight binding model

David M. Friday and Nicholas E. Jackson*



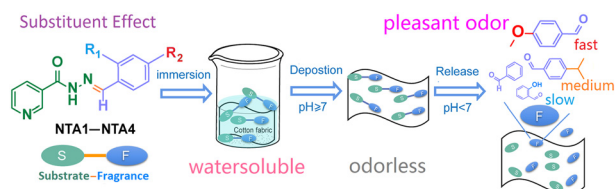
756



Post engineering of a chemically stable MOF for selective and sensitive sensing of nitric oxide

Writakshi Mandal, Dipanjan Majumder, Sahel Fajal, Sumanta Let, Mandar M. Shirolkar and Sujit K. Ghosh*

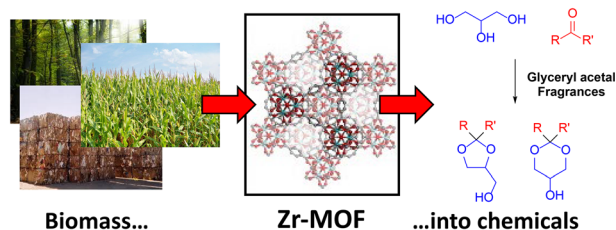
767



Substituent effect on controlled release of fragrant aldehydes from pH-triggered nicotinoylhydrazone-based precursors

Zuobing Xiao, Chengjing Wu, Xinyu Lu,* Yunwei Niu, Peiran Yu and Xiaojie Ma

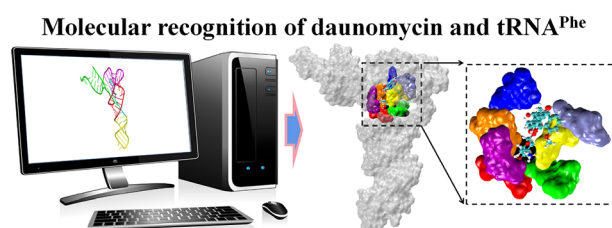
775



Zr-containing UiO-66 metal-organic frameworks as efficient heterogeneous catalysts for glycerol valorization: synthesis of hyacinth and other glyceryl acetal fragrances

A. Rapeyko,* J. C. Díaz Infante and F. X. Llabrés i Xamena*

786



In silico study of the binding of daunomycin and phenylalanine transfer RNA: probe molecular recognition for structure-based drug design

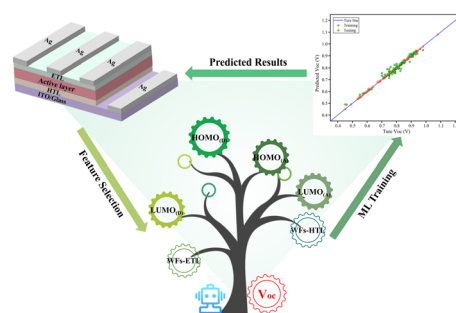
Gonghao Wu, Jipeng Li, Jianxin Yang* and Xingqing Xiao*



799

Machine learning assisted identification of the matched energy level of materials for high open circuit voltage in binary organic solar cells

Kuo Wang, Chaorong Guo, Zhennan Li, Rui Zhang, Zhimin Feng, Gengkun Fang, Di Huang,* Jiaojiao Liang,* Ling Zhao* and Zicha Li



810

Peripherally and non-peripherally carboxylic acid substituted Cu(II) phthalocyanine/reduced graphene oxide nanohybrids for hydrogen evolution reaction catalysts

Ekrem Kaplan, Tolga Karazehir, Selin Gümrükçü, Baran Sarac, A. Sezai Sarac and Esin Hamuryudan*

