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Cover

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

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Introduction to molecular engineering in MOFs: beyond reticular chemistry

Marco Taddei, Ashlee J. Howarth and Takashi Uemura

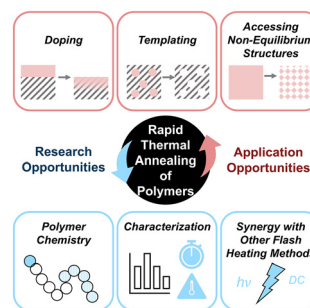


REVIEW

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

Reika Katsumata,* Claire Senger
and James Nicolas Pagaduan



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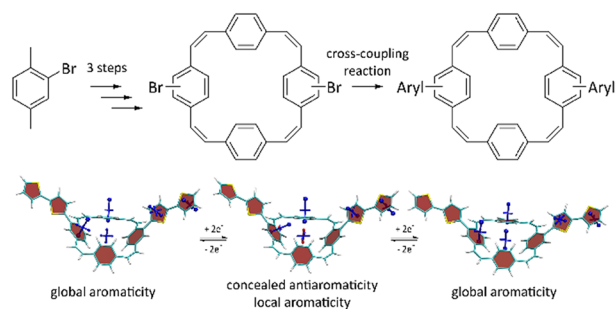


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Functionalisation of conjugated macrocycles with type I and II concealed antiaromaticity *via* cross-coupling reactions

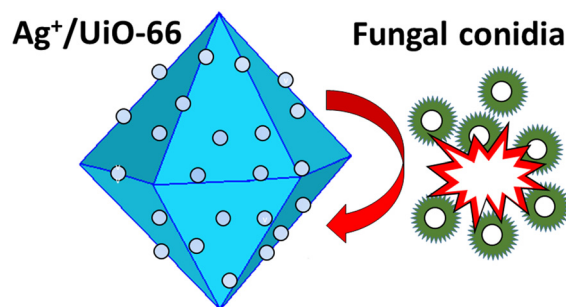
Troy L. R. Bennett, Adam V. Marsh, James M. Turner, Felix Plasser, Martin Heeney and Florian Glöcklhofer*



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

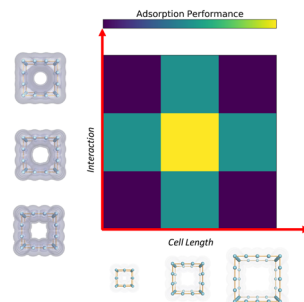
Carolina Chiericatti, Luis A. Lozano and Juan M. Zamaro*



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

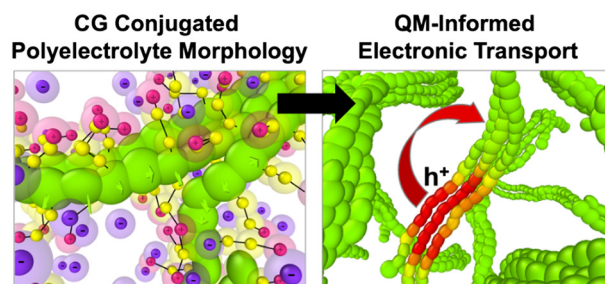
Wei Li, Zhilu Liu, Weixiong Wu and Song Li*



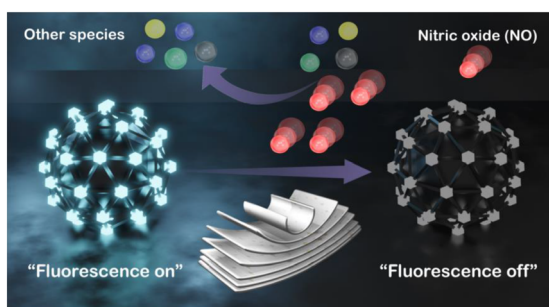
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Electron and ion transport in semi-dilute conjugated polyelectrolytes: view from a coarse-grained tight binding model

David M. Friday and Nicholas E. Jackson*



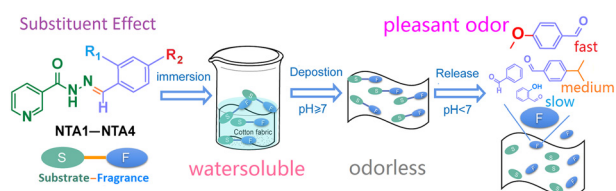
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Post engineering of a chemically stable MOF for selective and sensitive sensing of nitric oxide

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

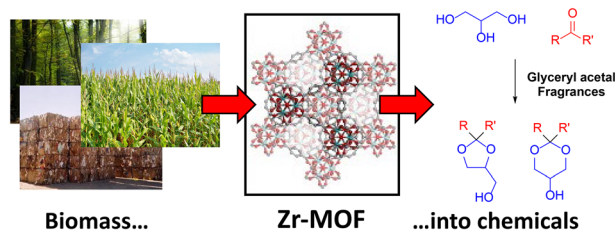
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Substituent effect on controlled release of fragrant aldehydes from pH-triggered nicotinoylhydrazone-based precursors

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

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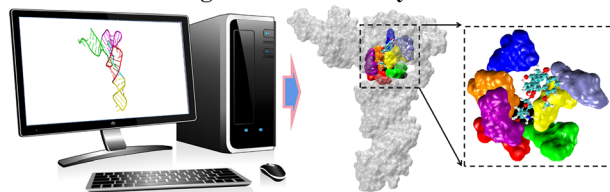


Zr-containing UiO-66 metal-organic frameworks as efficient heterogeneous catalysts for glycerol valorization: synthesis of hyacinth and other glyceryl acetal fragrances

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

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Molecular recognition of daunomycin and tRNA^{Phe}



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*



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

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