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ISSN 2058-9689 CODEN MSDEBG 8(6) 693-824 (2023)



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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

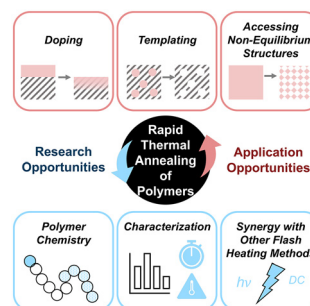


REVIEW

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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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MSDE (electronic: ISSN 2058-9689) is published 12 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK

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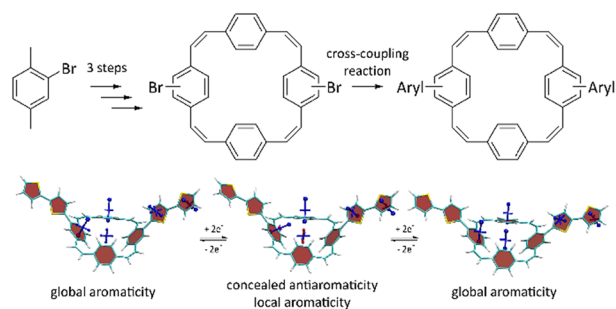
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Functionalisation of conjugated macrocycles with type I and II concealed antiaromaticity *via* cross-coupling reactions

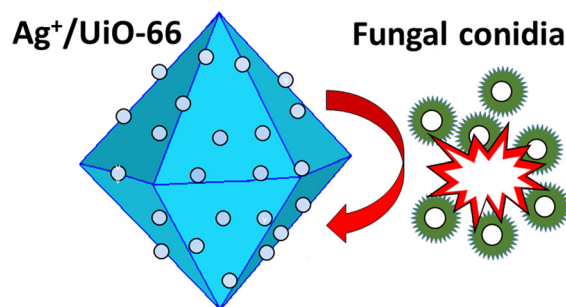
Troy L. R. Bennett, Adam V. Marsh, James M. Turner, Felix Plasser, Martin Heeney and Florian Glöcklhofer*



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

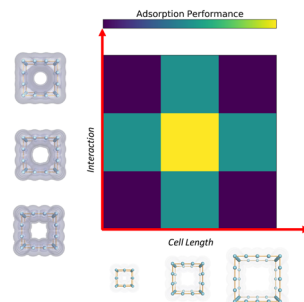
Carolina Chiericatti, Luis A. Lozano and Juan M. Zamaro*



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

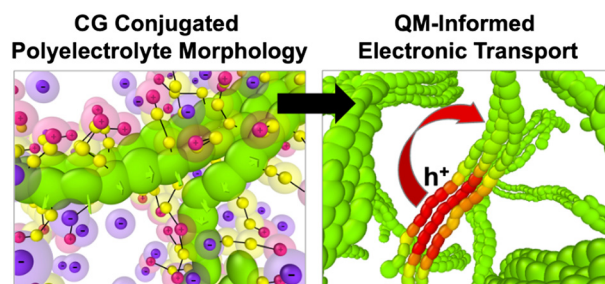
Wei Li, Zhilu Liu, Weixiong Wu and Song Li*



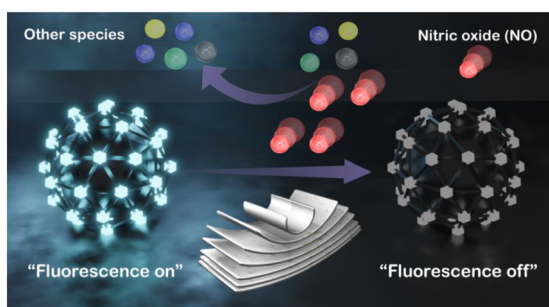
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Electron and ion transport in semi-dilute conjugated polyelectrolytes: view from a coarse-grained tight binding model

David M. Friday and Nicholas E. Jackson*



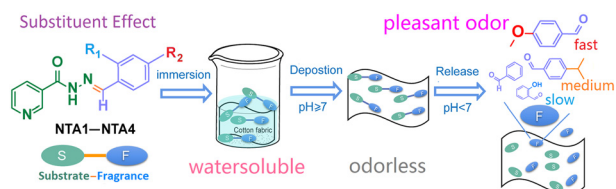
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Post engineering of a chemically stable MOF for selective and sensitive sensing of nitric oxide

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

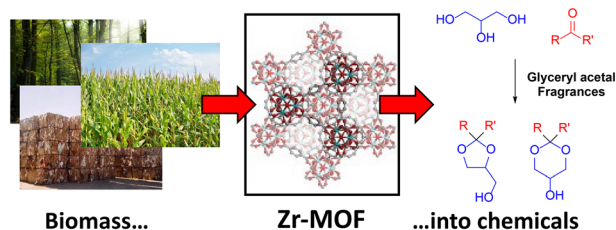
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Substituent effect on controlled release of fragrant aldehydes from pH-triggered nicotinoylhydrazone-based precursors

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

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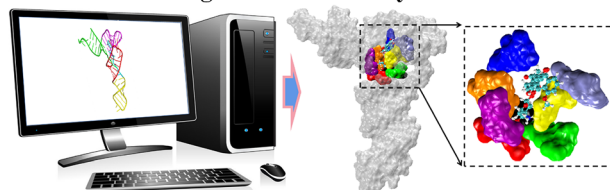


Zr-containing UiO-66 metal-organic frameworks as efficient heterogeneous catalysts for glycerol valorization: synthesis of hyacinth and other glyceryl acetal fragrances

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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