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ISSN 2058-9689 CODEN MSDEBG 9(5) 439-534 (2024)



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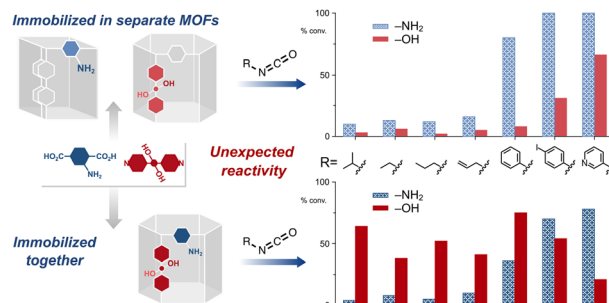
See Edward O. Pyzer-Knapp *et al.*, pp. 449–455.Image reproduced by permission of Edward O. Pyzer-Knapp from *Mol. Syst. Des. Eng.*, 2024, 9, 449.

COMMUNICATION

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Unexpected reversal of reactivity in organic functionalities when immobilized together in a metal–organic framework (MOF)

Pricilla Matseketsa, Donovan Mafukidze, Lahiru Pothupitiya, Udo P. Otuonye, Yasemin Çimen Mutlu, Boris B. Averkiev and Tendai Gadzikwa*

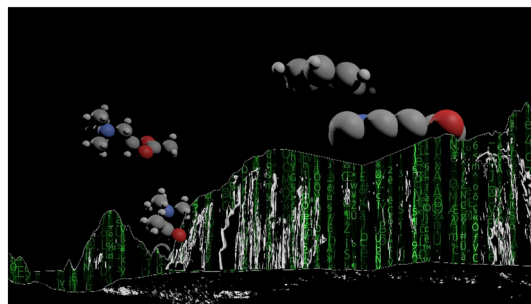


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A physics-inspired approach to the understanding of molecular representations and models

Luke Dicks, David E. Graff, Kirk E. Jordan, Connor W. Coley and Edward O. Pyzer-Knapp*



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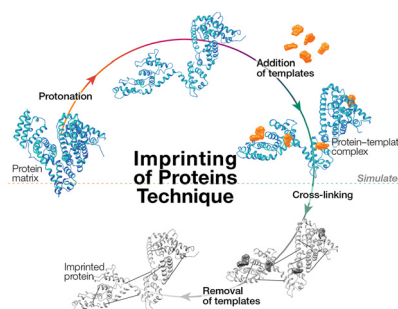
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Theoretical design of imprinted albumin against foodborne toxins

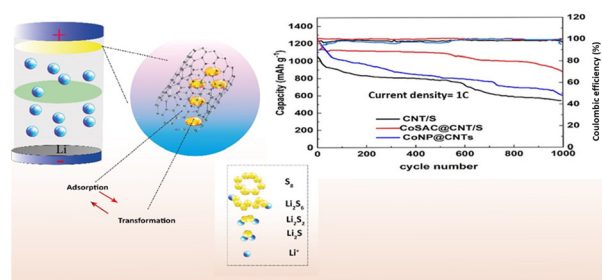
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Single-atom cobalt encapsulated in carbon nanotubes as an effective catalyst for enhancing sulfur conversion in lithium-sulfur batteries

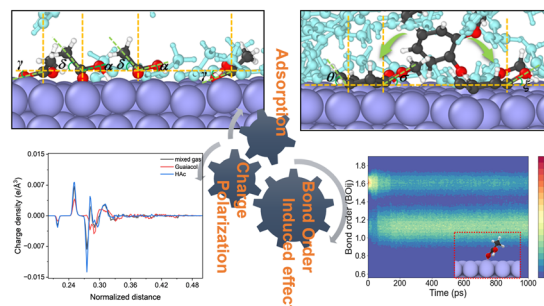
Khalida Abaid Samawi, Ekhlas Abd-Alkuder Salman,
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Sura Mohammad Mohealdein,
G. Abdulkareem-Alsultan,* Emilia Abdulmalek
and Maadh Fawzi Nassar*



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Adsorption variations on the Ni(111) surface: electron density diversity from oxygen-containing functional groups

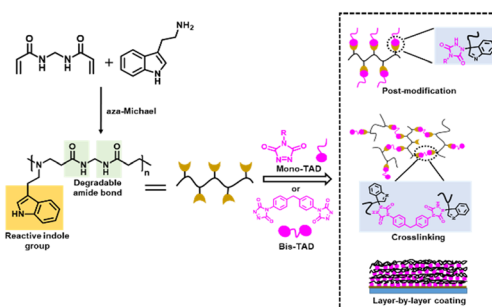
Changwei Liu, Congtao Wen, Zekai Zhang, Yuxin Chen,
Huachao Yang, Jia-hui Li,* Cheng Lian* and Honglai Liu



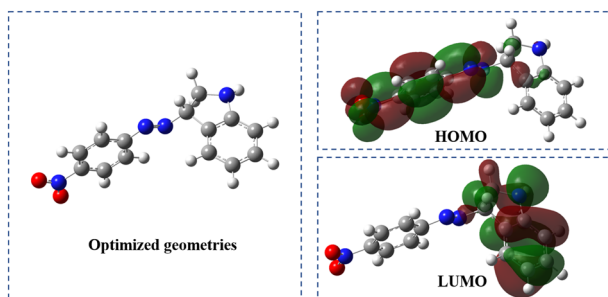
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Reactive degradable linear poly(aminoamide)s: synthesis, post-polymerization modifications and layer-by-layer coating

Sulbha Kumari and Subrata Chattopadhyay*



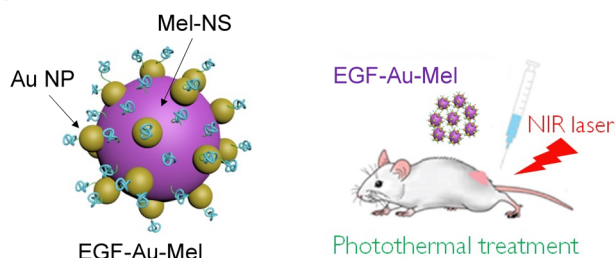
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Investigation of novel indoline azo disperse dyes: synthesis, DFT simulation, and dyeing performance on PET and PA fabrics

Xiyu Song,* Mingda Li, Chuang Dai, Jingyi Li, Yu Wang, Aiqin Hou and Hongfei Qian

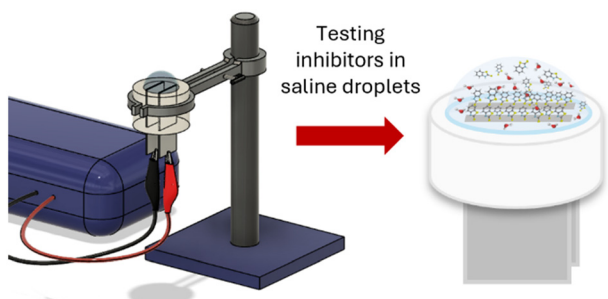
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Cancer-targeting gold-decorated melanin nanoparticles for *in vivo* near-infrared photothermal therapy

Ghasidit Pornnoppadol, Soojeong Cho, Jeong Heon Yu, Shin-Hyun Kim* and Yoon Sung Nam*

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Corrosion inhibitor screening for AA6014 aluminum alloy under different ambient conditions using a novel multielectrode methodology

Chathumini Samarawickrama,* Sebastian Pöhlker, Paul White, Ivan Cole* and Patrick Keil*

