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See Catherine Mollart, Abbie Trewin et al., pp. 1456–1461.
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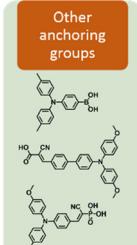
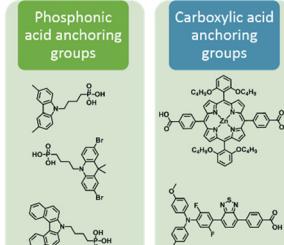
REVIEW

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Self-assembled monolayers as hole-transporting materials for inverted perovskite solar cells

Zhong-Rui Lan, Jiang-Yang Shao* and Yu-Wu Zhong*

Self-assembled monolayers (SAMs)

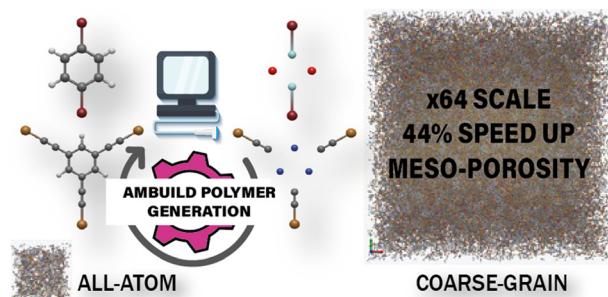


COMMUNICATION

1456

Mesoscale artificial synthesis of conjugated microporous polymers

Catherine Mollart,* Bartosz Ciborowski and Abbie Trewin*



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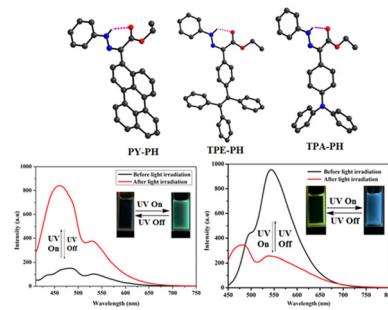


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Fluorophore unit controlled photoswitching of hydrazone derivatives: reversible and irreversible off-on/dual-color fluorescence photoswitches

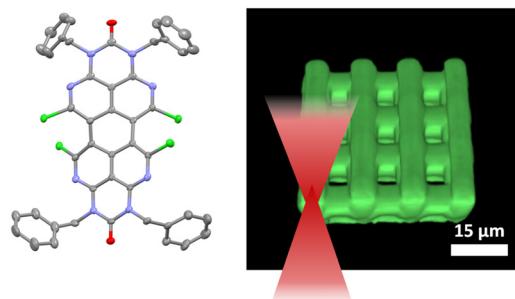
Deepanjaly K. Sivadas, Sasikala Ravi, Palaniyappan Nagarasu, Delna Johnson, Vijay Thiruvenkatam, Savarimuthu Philip Anthony* and Vedichi Madhu*



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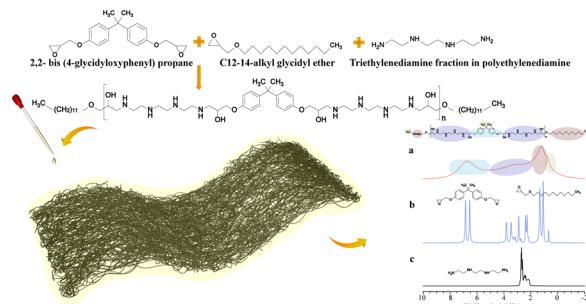
Robert Eichelmann, Joël Monti, Li-Yun Hsu, Finn Kröger, Joachim Ballmann, Eva Blasco* and Lutz H. Gade*



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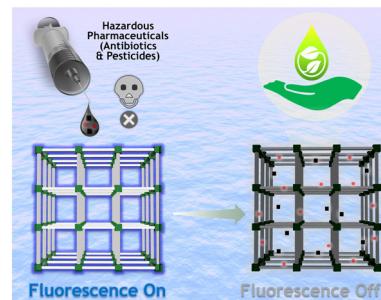
Jinru Liu, Bingyu Huang, Xuan Sun, Kaina Wang, Ligang Xu, Chenjie Lou, Susan Walter, Thomas Herzog, Henning Heuer, Jipeng Fu* and Mingxue Tang*



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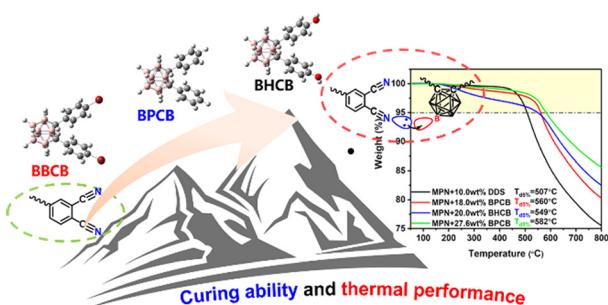
A luminescent cationic MOF and its polymer composite membrane elicit selective sensing of antibiotics and pesticides in water

Subhajit Dutta, Writakshi Mandal, Aamod V. Desai, Sahel Fajal, Gourab K. Dam, Soumya Mukherjee* and Sujit K. Ghosh*



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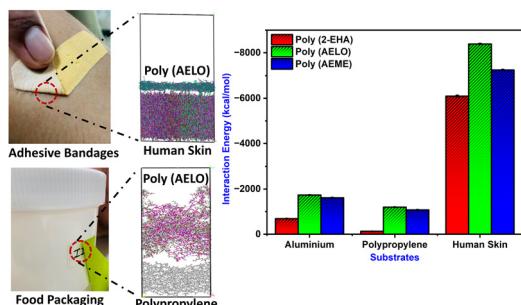
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A new approach to enhance the performance of phthalonitrile: study of carborane curing agents with dual functions

Zichun Ding, Lishuai Zong, Chenghao Wang, Siying Wang, RunZe Liu, Xigao Jian and Jinyan Wang*

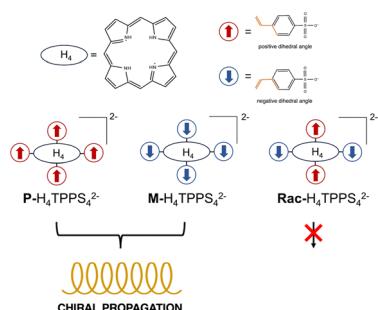
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Combined computational and experimental approach for bio-sourced monomers to design green pressure-sensitive adhesives

Manjinder Singh, Sushanta K. Sahoo and Gaurav Manik*

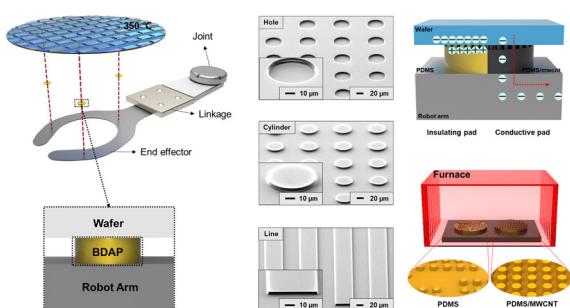
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Chiral self-organization of the TPPS₄ porphyrin assisted by molecular rotations

Gioacchino Schifino, Mariagrazia Fortino, Luigi Monsù Scolaro* and Adriana Pietropaolo*

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Bio-inspired dry adhesive pads using multi-walled carbon nanotube/polydimethylsiloxane composites for efficient wafer transfer robot arms in smart factories

Bom Lee, Young Chun Ko, Simon Kim, Su Eon Lee, Ho Jun Jin, Dong Joon Chang, Min-Ho Park* and Bong Hoon Kim*

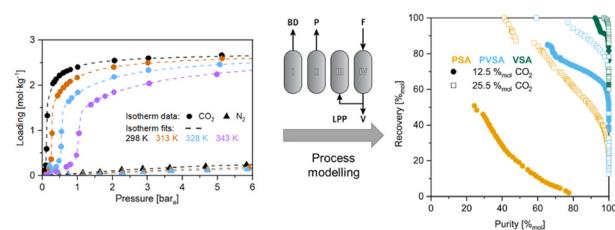


PAPERS

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Evaluating the CO₂ capture performance of a “phase-change” metal-organic framework in a pressure-vacuum swing adsorption process

David Danaci,* Elena Pulidori, Luca Bernazzani, Camille Petit and Marco Taddei*



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Dehydration induced selective ion trapping by topology constrained atomically thin graphene-crown membranes

Pooja Sahu and Sk. Musharaf Ali*

