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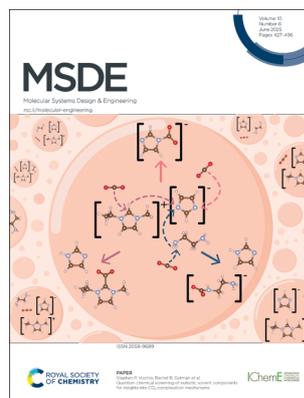
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Cover
See Sapna Sarupria et al., pp. 432–446.
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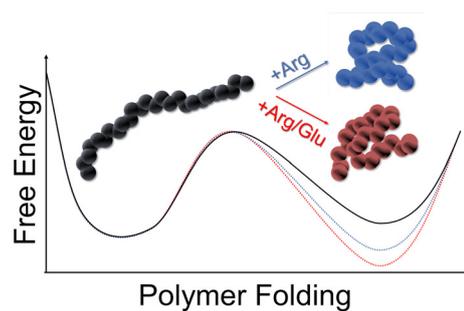
Inside cover
See Stephen P. Vicchio, Rachel B. Getman et al., pp. 447–458.
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PAPERS

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Towards stable biologics: understanding co-excipient effects on hydrophobic interactions and solvent network integrity

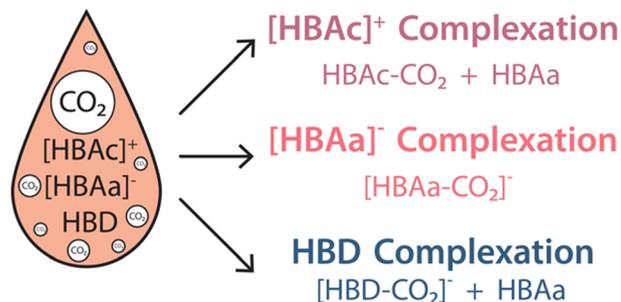
Jonathan W. P. Zajac, Praveen Muralikrishnan, Caryn L. Heldt, Sarah L. Perry and Sapna Sarupria*



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Quantum chemical screening of eutectic solvent components for insights into CO₂ complexation mechanisms

Stephen P. Vicchio,* Osasumwen J. Ikponmwosa and Rachel B. Getman*



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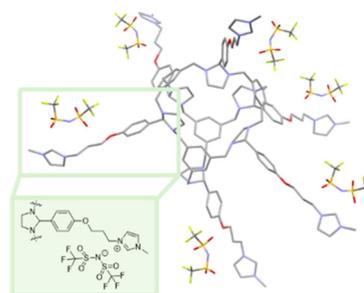
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459

Construction of an organic cage-based porous ionic liquid using an amination strategy

Aiting Kai, Austin Mroz, Kim E. Jelfs, Andrew I. Cooper, Marc A. Little and Rebecca L. Greenaway*



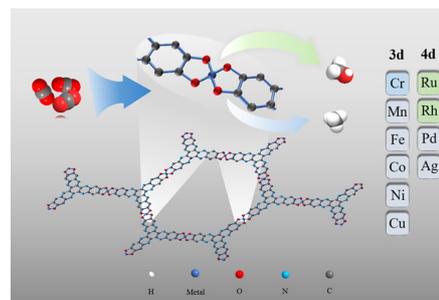
[RCC1-IM][NTf₂]₆

- Organic cage core
- Porous ionic liquid
- Amorphous solid, liquid, & glass phases
- Enhanced CO₂ uptake
- Permanent porosity

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First-principles study on electrocatalytic CO₂ reduction by 2D TM₃(HATNA)₂: products and mechanism

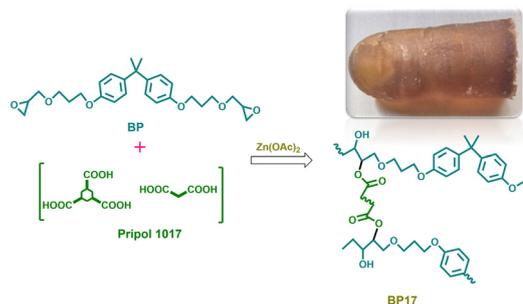
Xin Wang, Beibei An, Hui Zhao, Huali Jia, Like Wang, Jie Li, Yongliang Ban and Xiaoming Zhu*



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Development of vitrimer-based reusable prosthetic materials

Suraj W. Wajge, Ashutosh Bagde, Bhupesh Sarode and Chayan Das*



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Effects of ring sizes on the dynamic behaviors of [2]catenane

Rundong Li, Xiaohui Wen,* Xinbiao Huang, Hai Li and Zhuling Jiang

