

# Polymer Chemistry

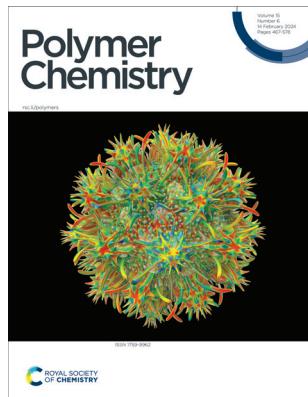
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### Cover

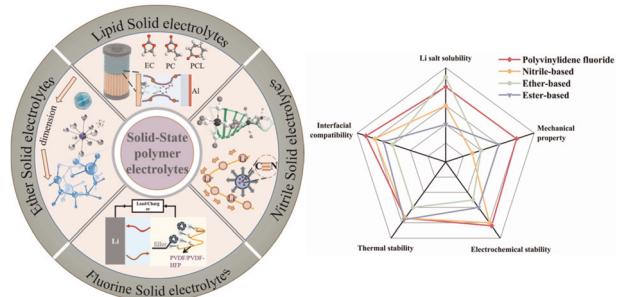
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## REVIEW

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### Solid-state polymer electrolytes in lithium batteries: latest progress and perspective

Jingbo Mu, Shimin Liao, Linlin Shi, Bihai Su, Feng Xu, Zengcai Guo,\* Hailing Li and Fangfang Wei\*

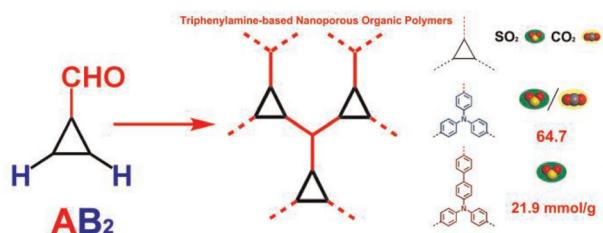


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### Synthesis of triphenylamine-based nanoporous organic polymers for highly efficient capture of SO<sub>2</sub> and CO<sub>2</sub>

Jun Yan,\* Yan Tan, Sihan Tong, JiangLi Zhu and Zefeng Wang\*



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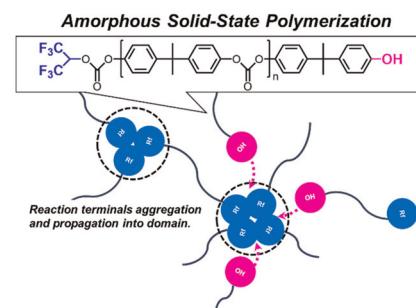
Fundamental questions  
Elemental answers

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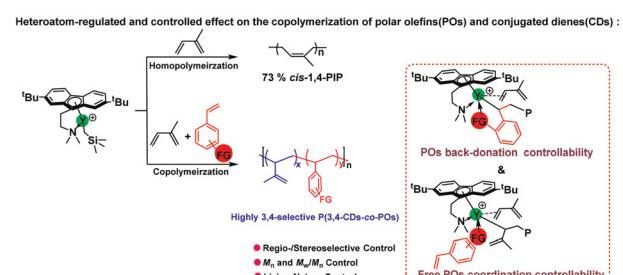
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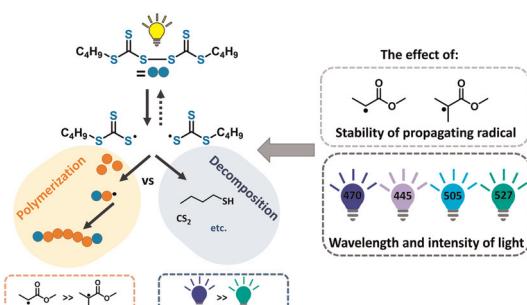
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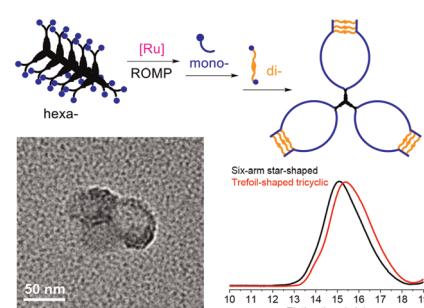
Magdalena A. Beres, Julia Y. Rho, Andrew Kerr, Timothy Smith and Sébastien Perrier\*



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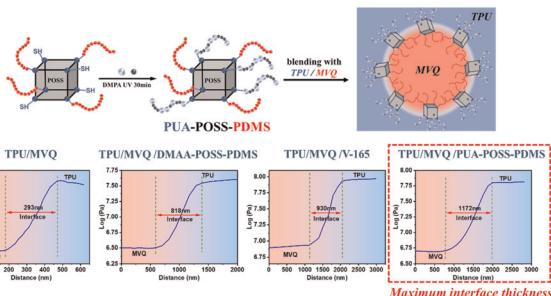
## Efficient synthesis of trefoil-shaped tricyclic polymers by a ROMP-based blocking-cyclization technique

Hao Wang, Cuihong Ma, Zhiying Han, Xiaojuan Liao, Ruyi Sun\* and Meiran Xie\*



## PAPERS

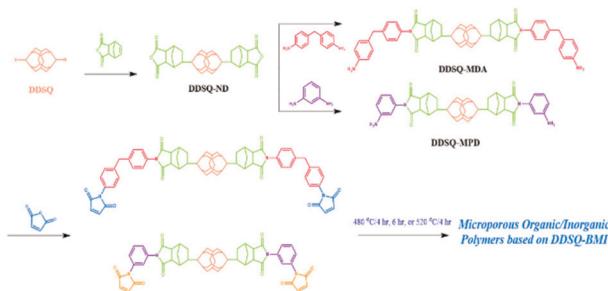
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**A stable amphiphilic hybrid nanoparticle compatibilizer constructed from polyhedral oligomeric silsesquioxane (POSS) for immiscible thermoplastic polyurethane/methyl vinyl silicone elastomer (TPU/MVQ) blends**

Fuyue Tian, Jing Hu, Yanyan Song, Nanying Ning, Bing Yu\* and Ming Tian\*

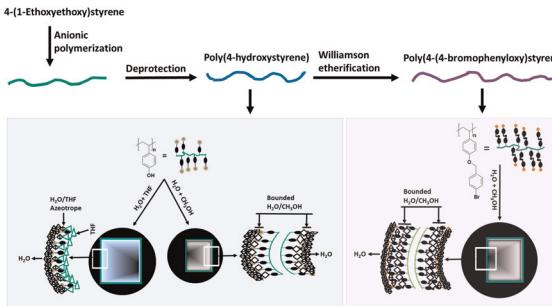
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