

# RSC

## Applied Polymers

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### IN THIS ISSUE

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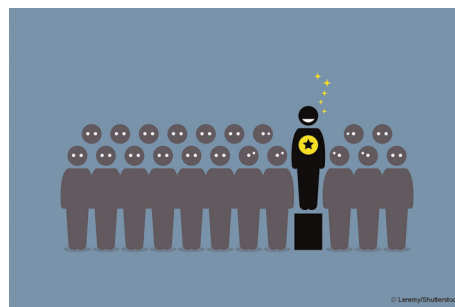
**Cover**  
See Thomas J. Wallin,  
Chen Wang *et al.*,  
pp. 805–815.

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### EDITORIAL

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#### Outstanding Reviewers for *RSC Applied Polymers* in 2023

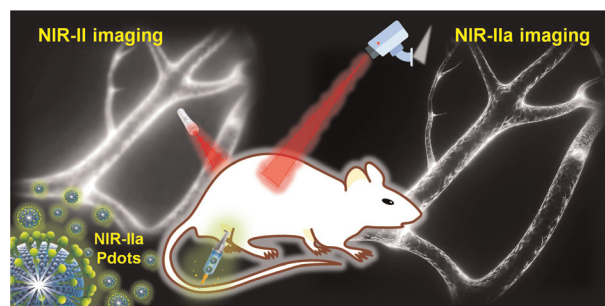


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Richardson Lawrance, Partha Chowdhury,  
Hong-Cheu Lin\* and Yang-Hsiang Chan\*



# Environmental Science: Atmospheres

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and inspiring new ideas

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Fundamental questions  
Elemental answers

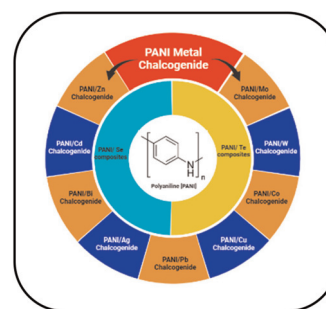


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Alok Kumar Yadav, Naeem Mohammad, Elham Chamanehpour, Yogendra Kumar Mishra and Pawan K. Khanna\*

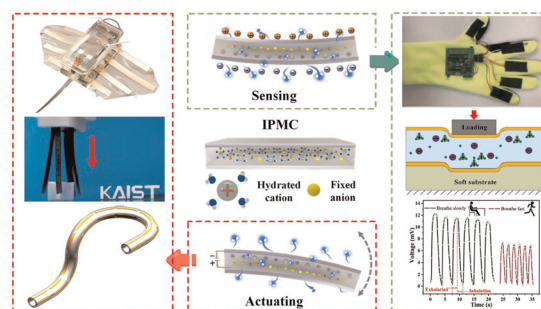


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**Perspective on the development and application of ionic polymer metal composites: from actuators to multifunctional sensors**

Gangqiang Tang, Xin Zhao, Dong Mei, Chun Zhao and Yanjie Wang\*

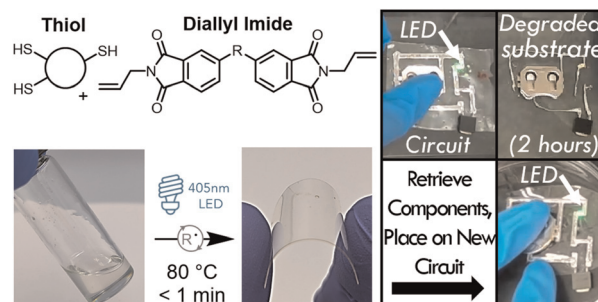


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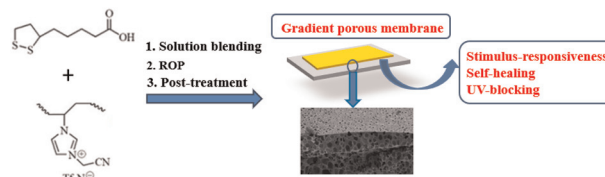
Caleb J. Reese, Grant M. Musgrave, Jitkanya Wong, Wenyang Pan, John Uehlin, Mason Zadan, Omar M. Awartani, Thomas J. Wallin\* and Chen Wang\*



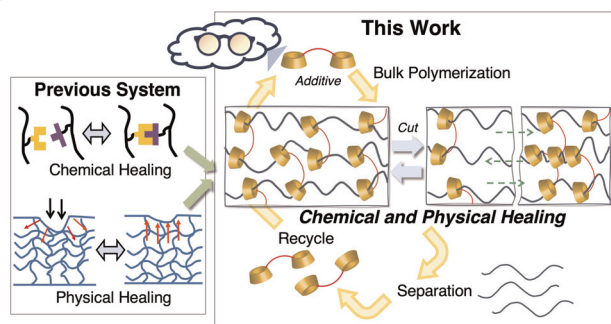
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Weigang Ji, Xiaohu Li, Qi Xi, Mengyuan Song, Xue Wu and Pengfei Song\*



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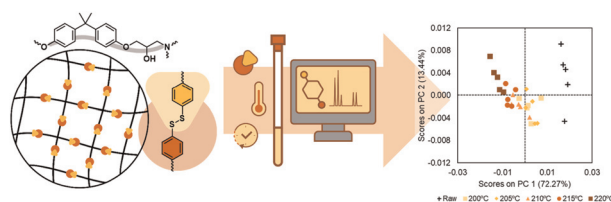


### Hydrophobic cyclodextrin dimer-assisted self-healing elastomer: movable crosslinks of pseudo-rotaxane with recyclable and separable functionality

Shintaro Kawano,\* Kaito Ichiwara, Haruto Taneichi, Shieri Hamada, Yuki Fujino, Osamu Shimomura and Motohiro Shizuma

## PAPERS

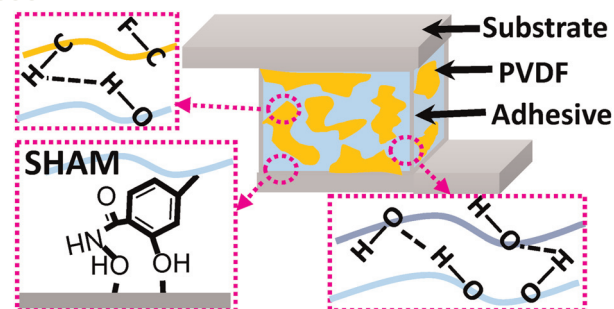
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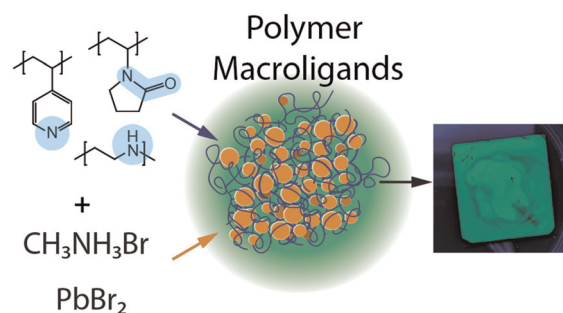
Finn Kröger, Robert Eichelmann, Gabriel Sauter, Audrey Pollien, Petra Tegeder, Lutz H. Gade\* and Eva Blasco\*



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### Polymer macroligands passivate halide perovskite surfaces

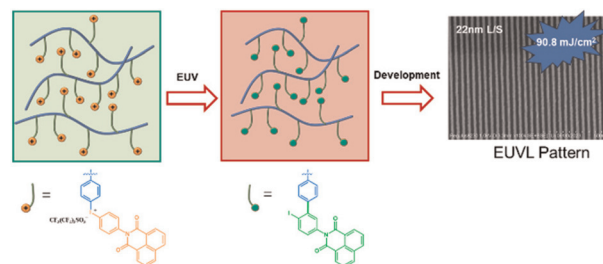
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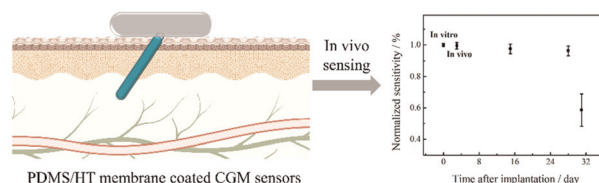
Xindi Yao, Peng Lian, Jinping Chen,\* Yi Zeng, Tianjun Yu, Shuangqing Wang, Xudong Guo, Rui Hu, Peng Tian, Michaela Vockenhuber, Dimitrios Kazazis, Yasin Ekinci,\* Guoqiang Yang\* and Yi Li\*



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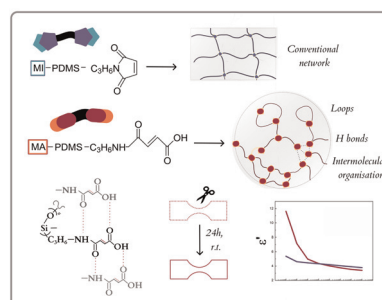
Yinxu Zuo, Lanjie Lei, Ke Huang, Qing Hao, Chao Zhao and Hong Liu\*



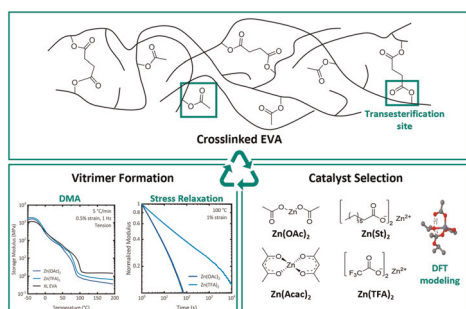
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Pavle Ramah, Liyun Yu, Anders Egede Daugaard and Anne Ladegaard Skov\*



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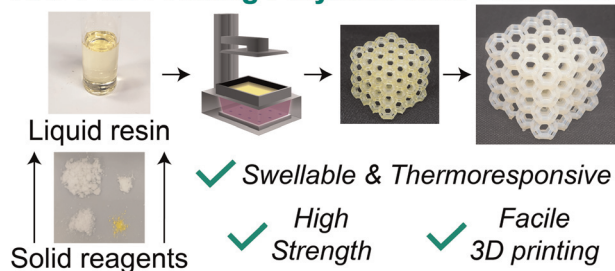


### Vitrimerization of crosslinked poly(ethylene-vinyl acetate): the effect of catalysts

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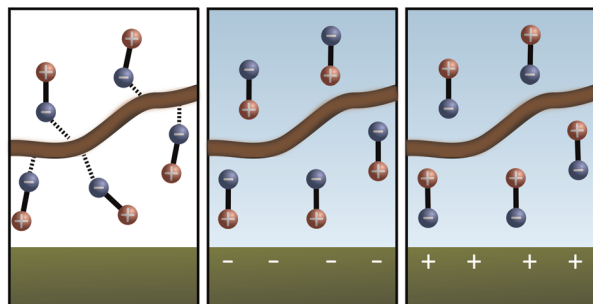
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### 3D printing polymerizable eutectics via RAFT polymerization

Nathaniel Corrigan,\* Alexandra L. Mutch, Cyrille Boyer\* and Stuart C. Thickett\*

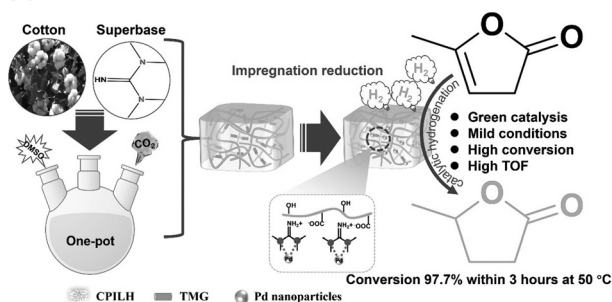
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Jasleen Kaur, Harsimrat Kaur and Loren G. Kaake\*

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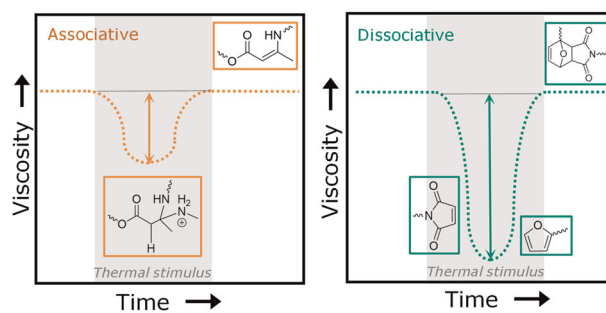
Tonghui Xu, Xianyi Zhu, Kui Chen, Tianlong He, Lihua Zhang, Jili Yuan and Haibo Xie\*



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Simon D. Dale, James Beament, Andrew P. Dove\* and Rachel K. O'Reilly\*

