

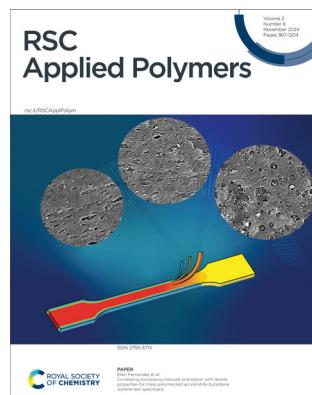
# RSC Applied Polymers

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### Cover

See Ellen Fernandez *et al.*,  
pp. 1032–1042.

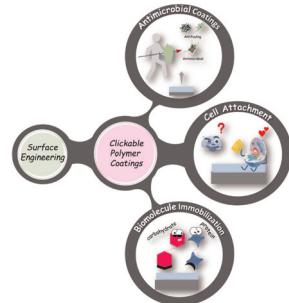
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Ellen Fernandez,  
Mariya Edeleva,  
Ludwig Cardon and  
Dagmar R. D'hooge  
from *RSC Appl. Polym.*,  
2024, **2**, 1032.

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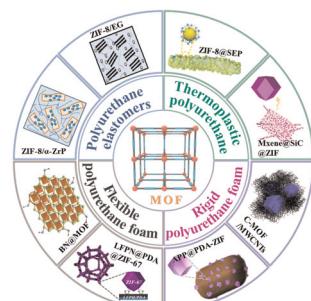
Aysun Degirmenci, Rana Sanyal and Amitav Sanyal\*



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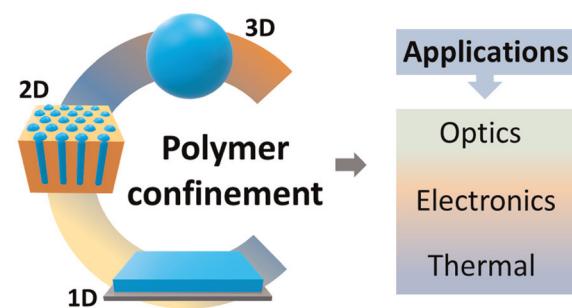


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## Advancements in polymer nanoconfinement: tailoring material properties for advanced technological applications

Alberto Alvarez-Fernandez\* and Jon Maiz\*

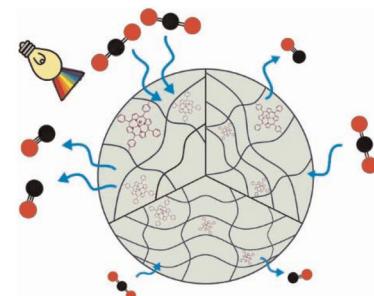


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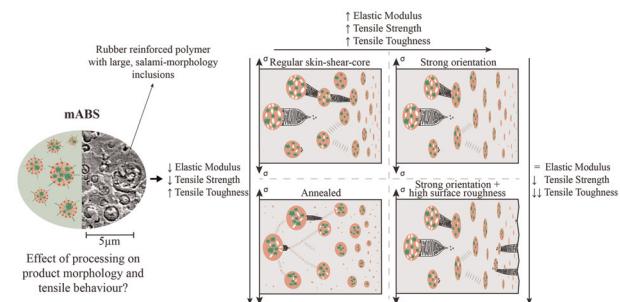


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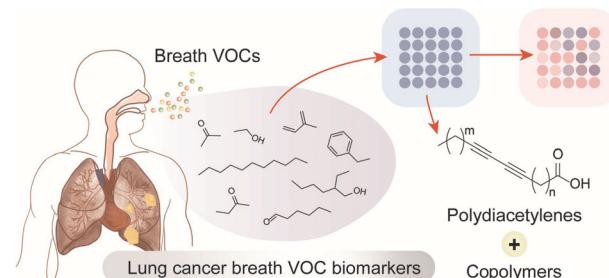
E. Fernandez, M. Edeleva, L. Cardon and D. R. D'hooge\*



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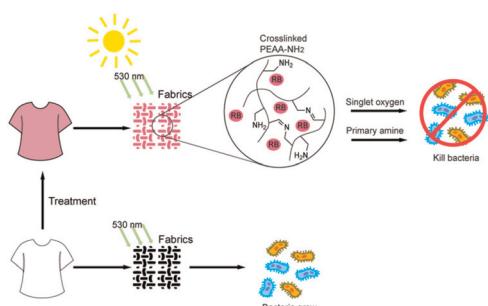
## Polydiacetylene/copolymer sensors to detect lung cancer breath volatile organic compounds

Angie Davina Tjandra and Rona Chandrawati\*



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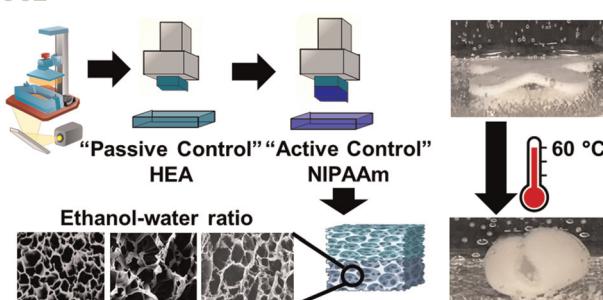
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## Antimicrobial textiles based on photocrosslinked poly(ethylene-co-acrylic acid)

Yimin Zeng and Michael O. Wolf\*

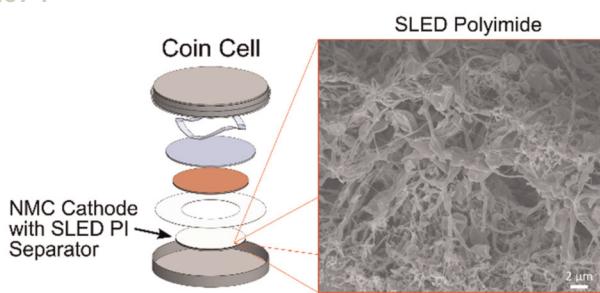
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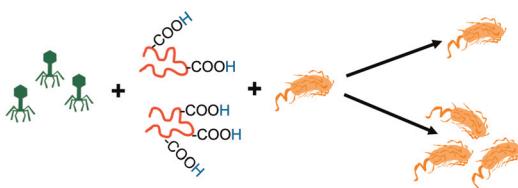


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## Acidic polymers reversibly deactivate phages due to pH changes

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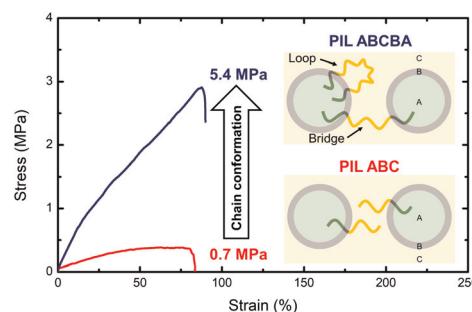


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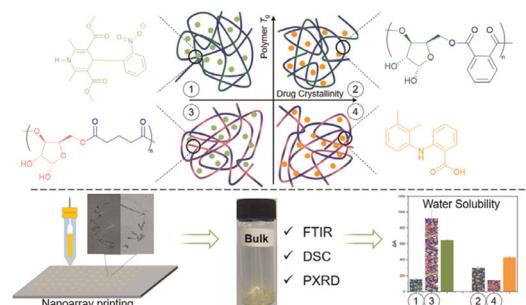
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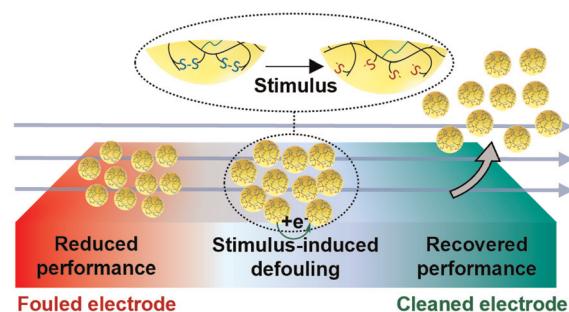
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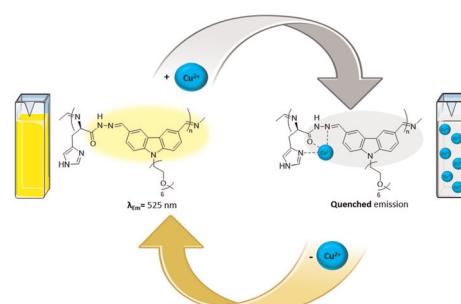
Hongyi Zhang, Garrett L. Grocke, Samuel S. Kopfinger, Yilin Wang, Arnav Brahma, Randy H. Ewoldt, Stuart J. Rowan\* and Shreyash N. Patel\*



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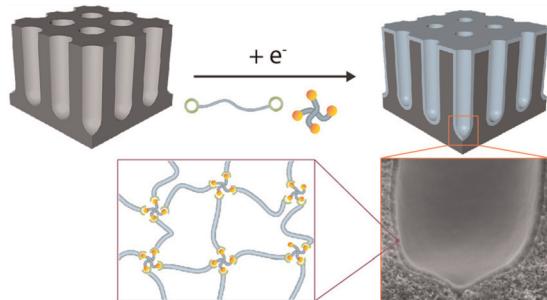
**Fluorescent histidine-derived biodynamers as biocompatible and highly water-soluble copper(II)-sensors**

Lena Zeroug-Metz, Mohamed A. M. Kamal, Justine Bassil, Kalanika Elamaldeniya, Bo Hyun Ryu, Eric Buhler and Sangeun Lee\*



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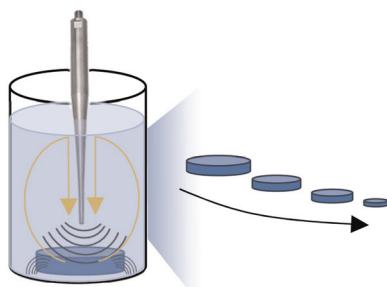
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**Cathodic electrodeposition of polymer networks as ultrathin films on 3-D micro-architected electrodes**

Zhaoyi Zheng, Anton B. Resing, Wenlu Wang and Jörg G. Werner\*

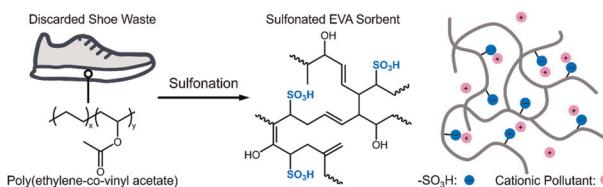
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**Sonication labile PEG-based hydrogel system for biological component suspension and subsequent degradation**

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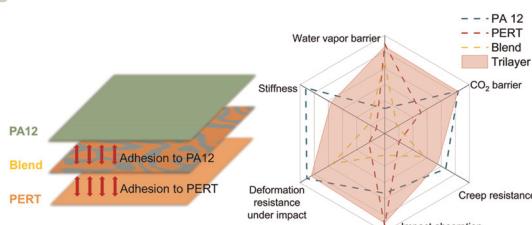
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Mark Robertson, Andrew Barbour and Zhe Qiang\*

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Weiying Fang, Yu Hui Cheng, Adam Pearson, Yige Huang, Ashkan Dargahi, Mark Duncan, Joel Runka, Ahmed Hammami and Hani E. Naguib\*

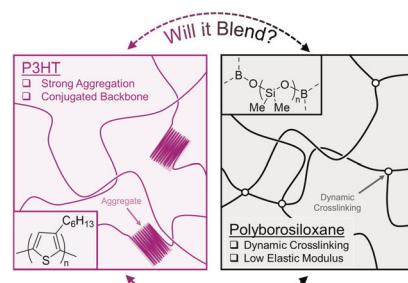


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Rebecca F. Meacham, Heejung Roh, Camille E. Cunin, Eric R. Lee, Wenhao Li, Yan Zhao, Sanket Samal\* and Aristide Gumiysenge\*

