

# Industrial Chemistry & Materials

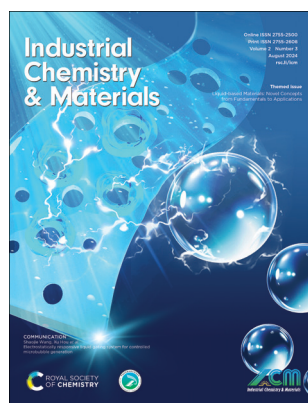
An international journal of significant innovative research and major technological breakthroughs in all aspects of industrial chemistry and materials

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## IN THIS ISSUE

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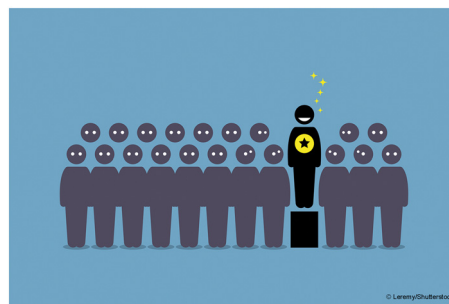
### Cover

See Shaojie Wang,  
Xu Hou et al.,  
pp. 424-431.  
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*Ind. Chem. Mater.*, 2024,  
2, 424.

## EDITORIALS

357

### Outstanding Reviewers for *Industrial Chemistry & Materials* in 2023



## THEMED ISSUE ARTICLES

359

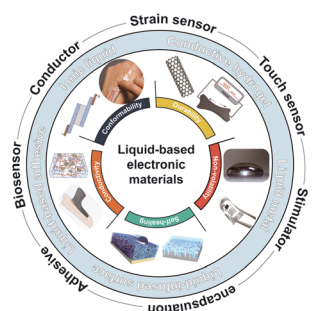
### Introduction to the themed issue on liquid-based materials: novel concepts from fundamentals to applications

Xu Hou\* and Jungmok Seo\*



## REVIEWS

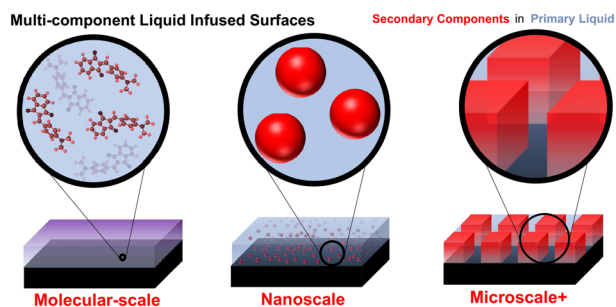
361



### Liquid-based electronic materials for bioelectronics: current trends and challenges

Kijun Park, Sangwoo Park, Yejin Jo, Soo A. Kim, Tae Young Kim, Sangwon Kim and Jungmok Seo\*

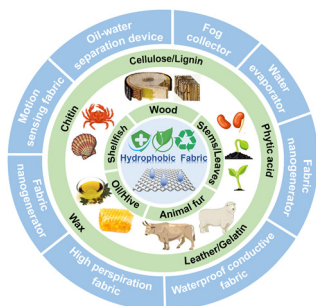
378



### Multi-component liquid-infused systems: a new approach to functional coatings

Zachary Applebee and Caitlin Howell\*

393

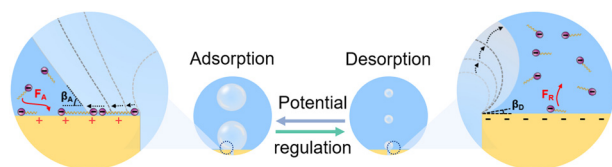


### Progress on fiber engineering for fabric innovation in ecological hydrophobic design and multifunctional applications

Wei Li,\* Libing Yang, Jianying Huang,\* Chan Zheng, Yu Chen, Yunbo Li, Dapeng Yang, Shuhui Li, Zhong Chen,\* Weilong Cai and Yuekun Lai\*

## COMMUNICATION

424



### Electrostatically responsive liquid gating system for controlled microbubble generation

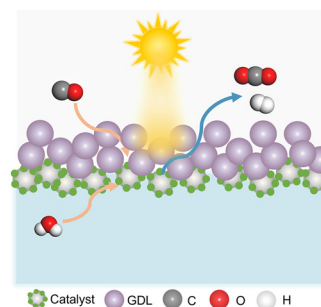
Guochao Zeng, Yunmao Zhang, Zhongyi Fang, Lejian Yu, Yawen Zhang, Shaojie Wang\* and Xu Hou\*



432

### Triphase photocatalytic water-gas-shift reaction for hydrogen production with enhanced interfacial diffusion at gas–liquid–solid interfaces

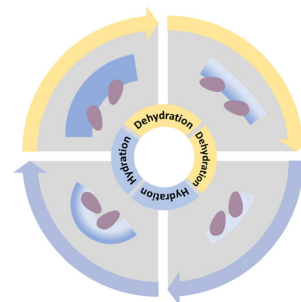
Huige Chen, Zhenhua Li, Chao Zhou, Run Shi\* and Tierui Zhang\*



441

### Asymmetric microfiber actuators with reciprocal deformation

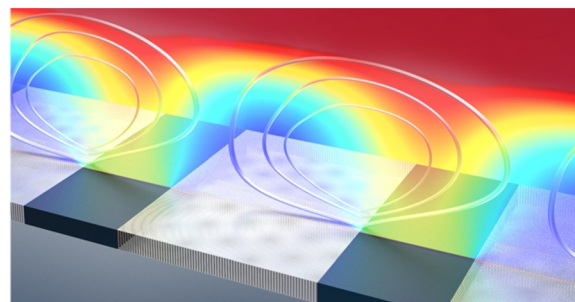
Yuhang Lu, Shiyu Wang and Pingan Zhu\*



451

### Enhancing conversion using diffusio-osmosis from patterned catalytic surfaces

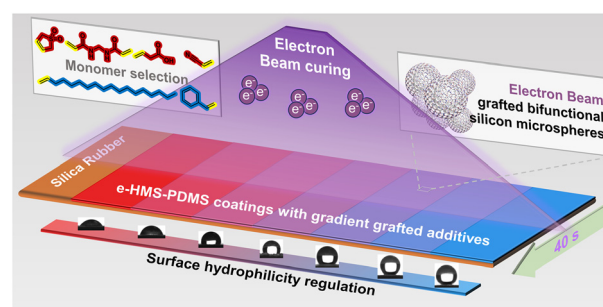
Aura Visan, Jeffery A. Wood and Rob G. H. Lammertink\*

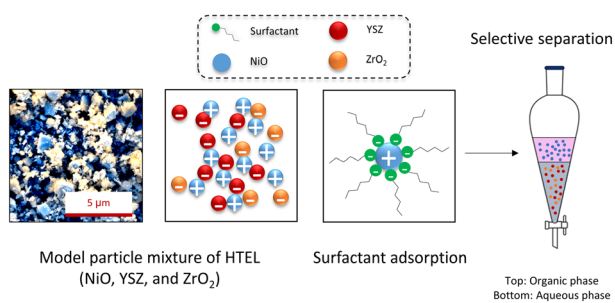


458

### An electron beam irradiation-assisted coating method for the regulation of hydrophilicity and hydrophobicity

Haozhe Li, Keyan Sheng, Zhiyan Chen, Shuai Hao, Zijian Zhou, Zhenyi Zhang, Xinwen Liu, Mianzhi Xiong, Yanlong Gu\* and Jiang Huang\*





## Influence of surfactants on selective mechanical separation of fine active materials used in high temperature electrolyzers contributing to circular economy

Sohyun Ahn,\* Suvarna Patil and Martin Rudolph

