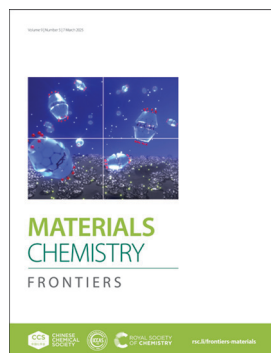


### IN THIS ISSUE

ISSN 2052-1537 CODEN MCFAC5 9(5) 737-886 (2025)



#### Cover

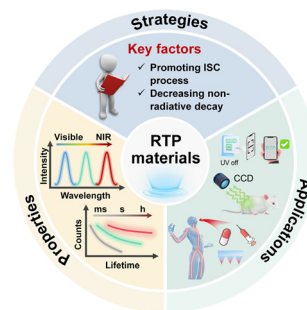
See Kou Okuro *et al.*, pp. 793–799. Image reproduced by permission of Kou Okuro from *Mater. Chem. Front.*, 2025, 9, 793.

### CHEMISTRY FRONTIERS

744

#### Advances in organic room-temperature phosphorescence: design strategies, photophysical mechanisms, and emerging applications

Yujie Yang, Qianqian Li\* and Zhen Li\*

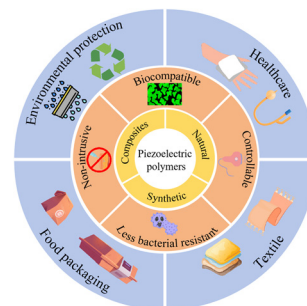


### REVIEWS

754

#### Piezoelectric polymers and their applications in antimicrobial fields

Xiuqing Wang, Shujun Zhang, Yushan Hu, Wen Zhou and Xiaojing Huang\*



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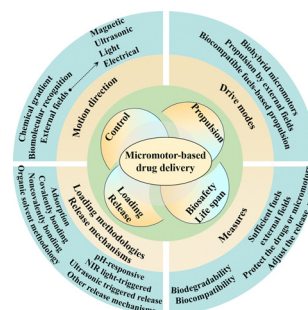
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## REVIEWS

772

## Micromotors toward biomedicine: efforts to achieve precise drug delivery

Gang Chen,\* Wanci Chang, Mengqing Qiu, Baiqiang Zhang, Fangfang Zhang, Guopei Li and Yanqiu Xiao\*

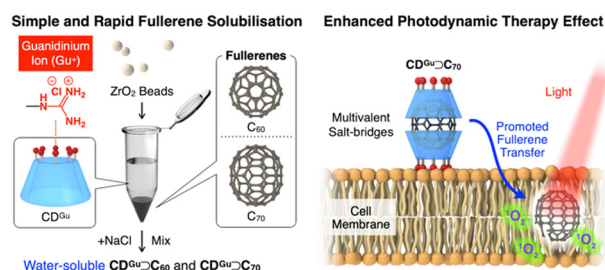


## RESEARCH ARTICLES

793

## Guanidinium-appended $\gamma$ -cyclodextrin: efficient fullerene solubiliser for enhanced photodynamic therapy

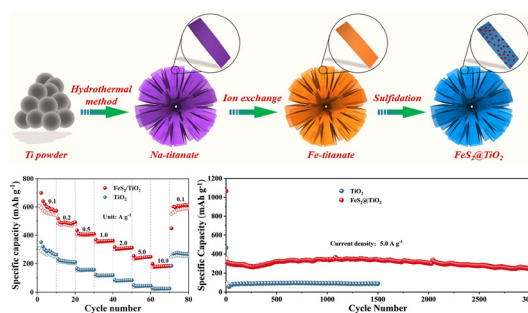
Mervyn Ho Kong Man, Henry Chak Man Yau and Kou Okuro\*



800

## A strongly coupled FeS<sub>2</sub>@TiO<sub>2</sub> heterostructure with an island-like structure for high-efficiency lithium storage

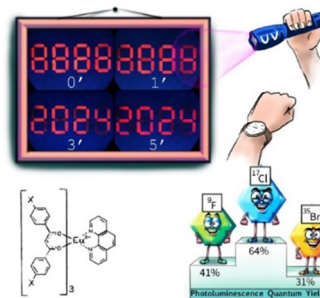
Luchao Yue, Wei Song,\* Yu Feng, Lixin Zhang, Ruina Shi, Lin Jiang, Jing Song, Guisheng Qi\* and Xuping Sun\*



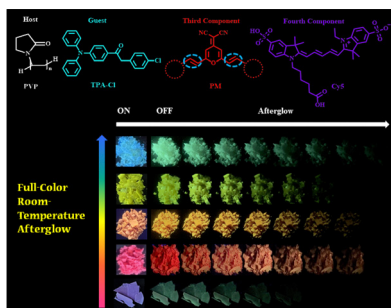
809

## Halogenated dibenzoylmethane Eu<sup>3+</sup> complexes as spectroscopic markers: a pioneering photobleaching strategy for counterfeit applications and controlling luminescence efficiency

Alisia V. Tsorieva,\* Vladislav M. Korshunov, Mikhail T. Metlin, Tatiana S. Vlasova, Victoria E. Gontcharenko, Daria A. Metlina, Victor O. Kompanets, Sergey V. Chekalin and Ilya V. Taydakov\*



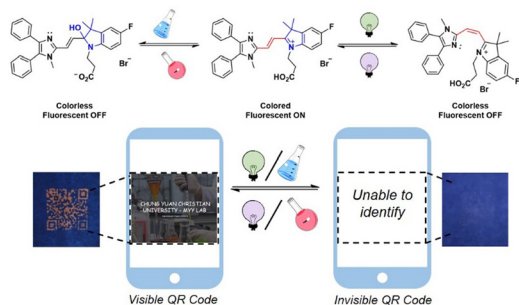
818



### Construction of full-color room-temperature afterglow materials using dicyanomethylene-4H-pyrans based on an alkene conjugated bridge as the third component

Jiayin Qian, Wenbo Dai,\* Xiaoyu Qiu, Shuai Xia, Yunxiang Lei, Miaochang Liu, Yan Guan,\* Xiaobo Huang\* and Huayue Wu

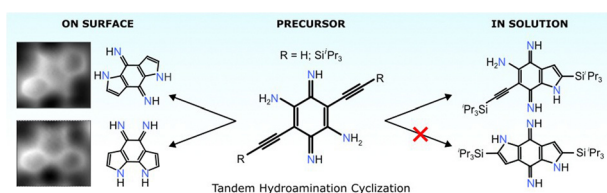
828



### Multi-stimuli responsive smart materials: cyanine amphiphile self-assembly for photochromic and pH-switching applications

Tzu-Yu Tseng, Yao-Chun Yeh, Wei Hsing, Lien-Chen Fu and Mei-Yu Yeh\*

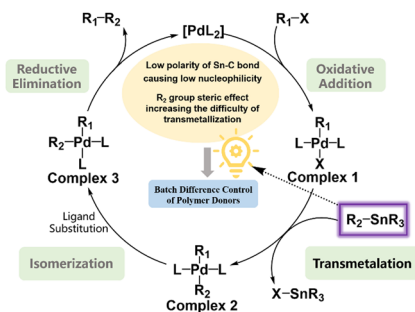
838



### On-surface gold-catalyzed hydroamination/cyclization reaction of alkynes

Alejandro Jiménez-Martín, Tatiana Munteanu, Qifan Chen, Simon Pascal, Aura Tintaru, Benjamin Mallada, Pingo Mutombo, Olivier Siri,\* Pavel Jelinek\* and Bruno de la Torre\*

847



### Steric hindrance of organotin compounds in controlling the batch-to-batch variance of photovoltaic polymer donors

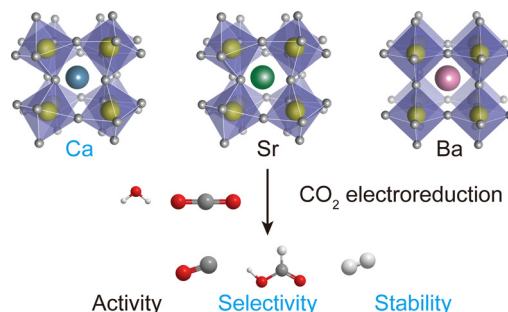
Yongrui He, Yuchen Yue, Jingfa Zhang, Ying Huang, Xucong Zhou, Han Shen, Kuan Li, Jie Shen, Landi Zeng, Jingjing Liu, Jingxia Wang, Bin Wang,\* Lei Jiang, Lijun Huo\* and Bing Zheng\*



856

### A-site cations in stannate perovskites affect their performance in catalysing CO<sub>2</sub> electroreduction

Guoqing Wang, Hao Yuan, Haiyan Zhang, Ruigang Liu, Shanhu Yue, Jiaxu Yan,\* Xiaoji Xie\* and Min Lu\*



866

### Arrays of ultra-thin selenium-doped zirconium-anodic-oxide nanorods as potential antibacterial coatings

Kirill Kamnev, Maria Bendova, Zdenka Fohlerova, Tatiana Fialova, Oleh Martyniuk, Jan Prasek, Kristyna Cihalova and Alexander Mozalev\*

