

# Chem Soc Rev

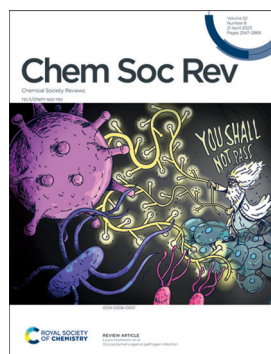
Chemical Society Reviews

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## IN THIS ISSUE

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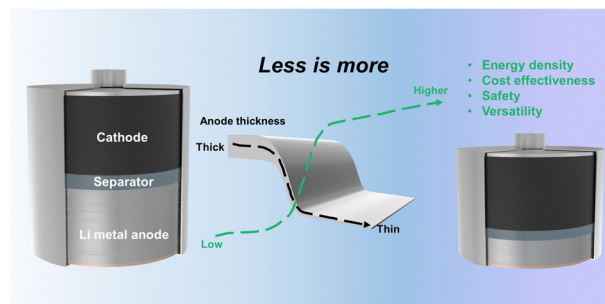
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## TUTORIAL REVIEWS

2553

### Less is more: a perspective on thinning lithium metal towards high-energy-density rechargeable lithium batteries

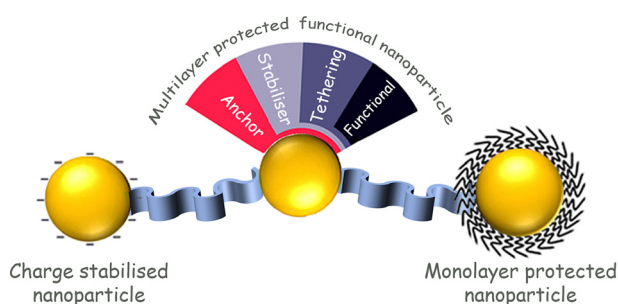
Wangyan Wu, Wei Luo\* and Yunhui Huang\*



2573

### Surface functionalization of inorganic nanoparticles with ligands: a necessary step for their utility

Kaustav Bhattacharjee and Bhagavatula L. V. Prasad\*



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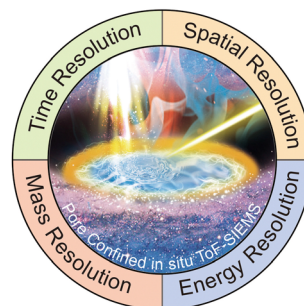


## TUTORIAL REVIEWS

2596

**Pore confined time-of-flight secondary ion electrochemical mass spectrometry**

Jun-Gang Wang, Ru-Jia Yu,\* Xin Hua and Yi-Tao Long\*

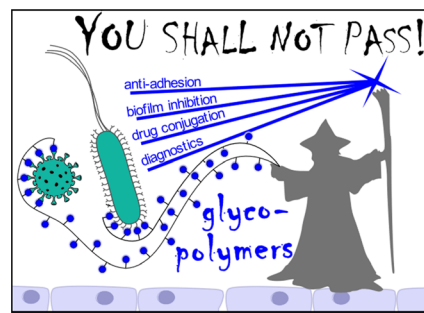


## REVIEW ARTICLES

2617

**Glycopolymers against pathogen infection**

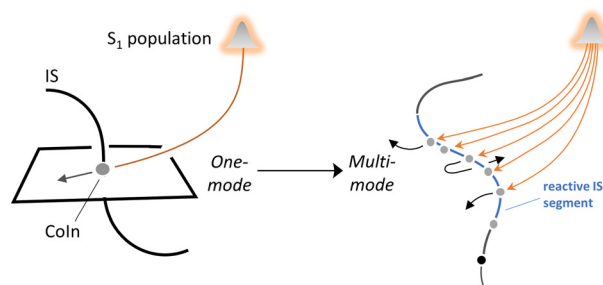
Ulla I. M. Gerling-Driessen, Miriam Hoffmann, Stephan Schmidt, Nicole L. Snyder and Laura Hartmann\*



2643

**From a one-mode to a multi-mode understanding of conical intersection mediated ultrafast organic photochemical reactions**

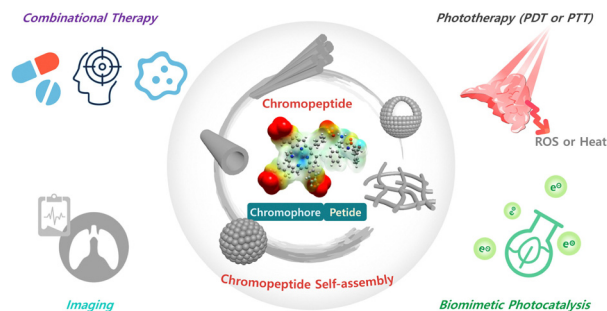
Yorrick Boeije\* and Massimo Olivucci\*



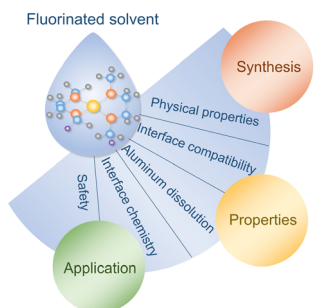
2688

**Functional chromopeptide nanoarchitectonics: molecular design, self-assembly and biological applications**

Rui Chang, Luyang Zhao, Ruirui Xing,\* Junbai Li\* and Xuehai Yan\*



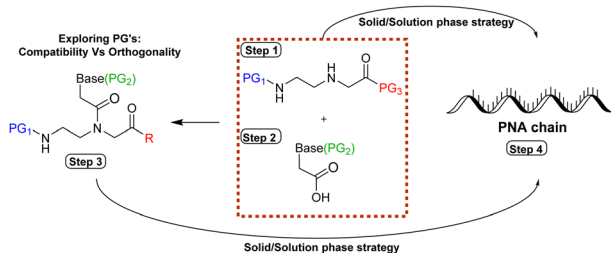
2713



### Emerging electrolytes with fluorinated solvents for rechargeable lithium-based batteries

Yuankun Wang, Zhiming Li, Yunpeng Hou, Zhimeng Hao, Qiu Zhang, Youxuan Ni, Yong Lu, Zhenhua Yan, Kai Zhang, Qing Zhao, Fujun Li and Jun Chen\*

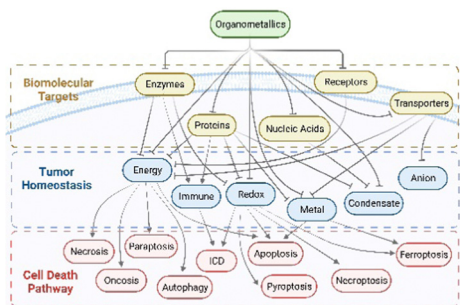
2764



### The challenge of peptide nucleic acid synthesis

K. P. Nandhini, Danah Al Shaer, Fernando Albericio\* and Beatriz G. de la Torre\*

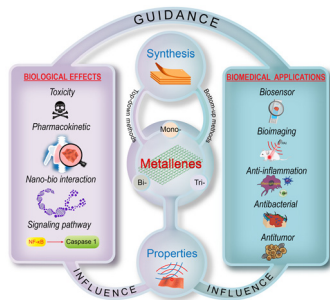
2790



### Organometallic anti-tumor agents: targeting from biomolecules to dynamic bioprocesses

Kun Peng, Yue Zheng, Wei Xia\* and Zong-Wan Mao\*

2833



### Emerging metallenes: synthesis strategies, biological effects and biomedical applications

Chenxin Lu, Ruoyao Li, Zhaohua Miao,\* Fei Wang\* and Zhengbao Zha\*

