

Chem Soc Rev

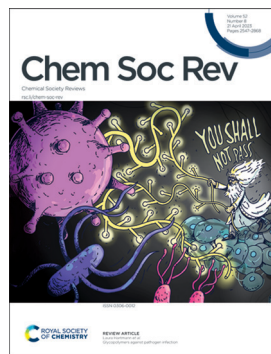
Chemical Society Reviews

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Cover

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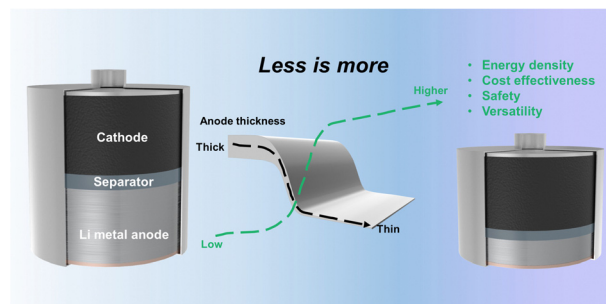
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TUTORIAL REVIEWS

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

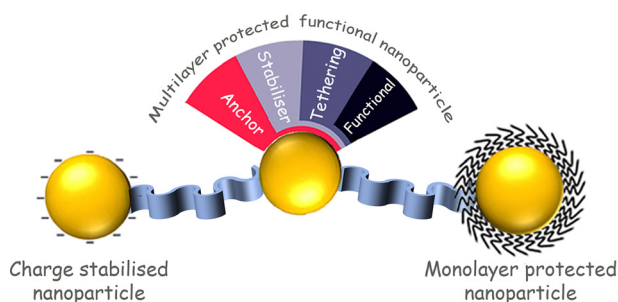
Wangyan Wu, Wei Luo* and Yunhui Huang*



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

Kaustav Bhattacharjee and Bhagavatula L. V. Prasad*



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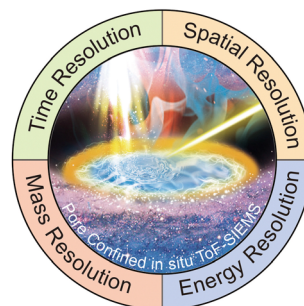


TUTORIAL REVIEWS

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

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

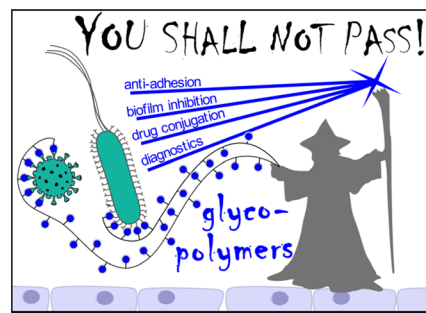


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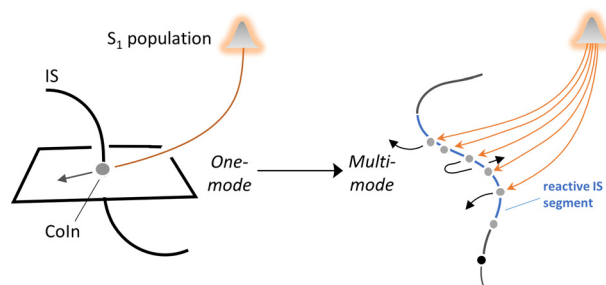
Ulla I. M. Gerling-Driessen, Miriam Hoffmann, Stephan Schmidt, Nicole L. Snyder and Laura Hartmann*



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

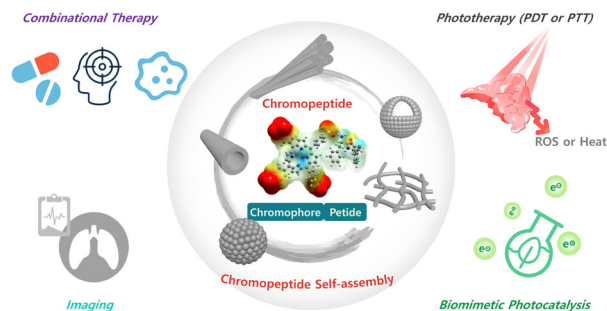
Yorrick Boeije* and Massimo Olivucci*



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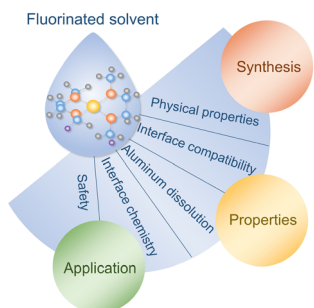
Functional chromopeptide nanoarchitectonics: molecular design, self-assembly and biological applications

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



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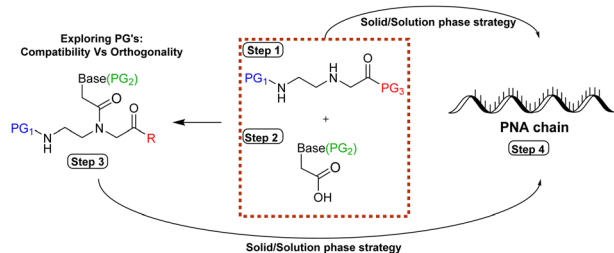
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Emerging electrolytes with fluorinated solvents for rechargeable lithium-based batteries

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*

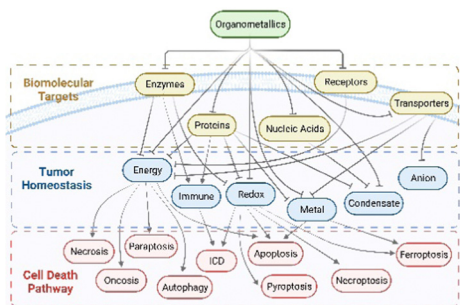
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The challenge of peptide nucleic acid synthesis

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

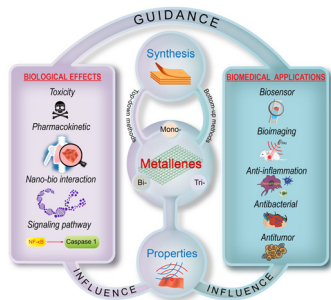
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Organometallic anti-tumor agents: targeting from biomolecules to dynamic bioprocesses

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

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Emerging metallenes: synthesis strategies, biological effects and biomedical applications

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

