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Chemical Society Reviews

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Cover

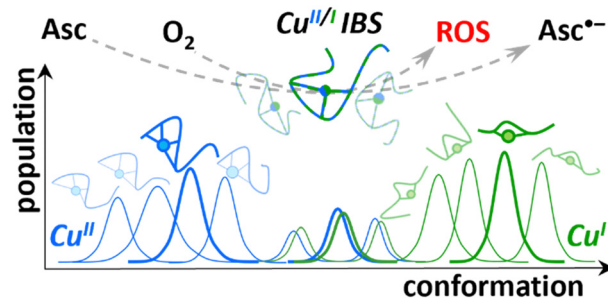
See Mahesh Hariharan *et al.*, pp. 6664–6679. Image reproduced by permission of Alfyy Benny from *Chem. Soc. Rev.*, 2023, 52, 6664.

VIEWPOINT

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Redox processes in Cu-binding proteins: the “in-between” states in intrinsically disordered peptides

Enrico Falcone and Christelle Hureau*

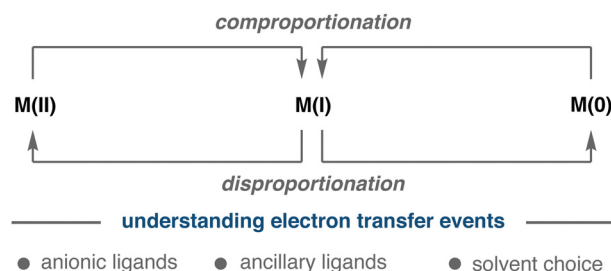


TUTORIAL REVIEWS

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Comproportionation and disproportionation in nickel and copper complexes

Craig S. Day* and Ruben Martin*



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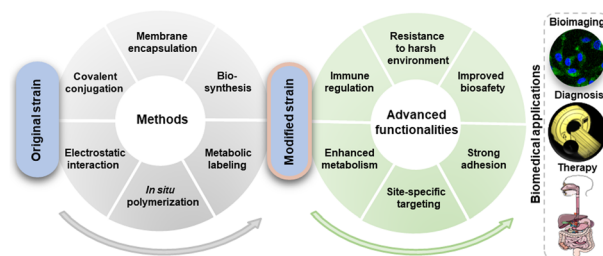
TUTORIAL REVIEWS

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Surface-modified bacteria: synthesis, functionalization and biomedical applications

Sisi Lin, Feng Wu, Yifan Zhang, Huan Chen, Haiyan Guo, Yanmei Chen and Jinyao Liu*

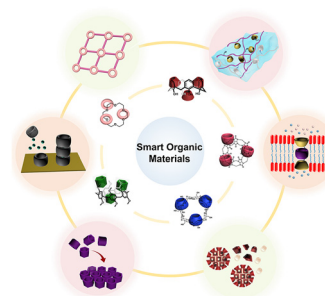
Functionalization and biomedical applications of surface chemically modified bacteria



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Smart organic materials based on macrocycle hosts

Xin-Yue Lou, Siyuan Zhang, Yan Wang and Ying-Wei Yang*

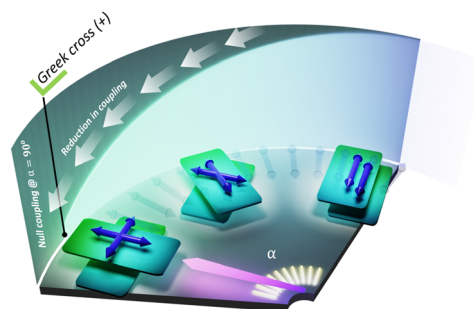


REVIEW ARTICLES

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Keeping the chromophores crossed: evidence for null exciton splitting

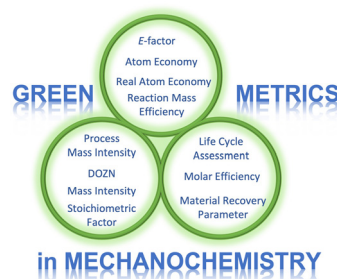
M. P. Lijina, Alfy Benny, Ebin Sebastian and Mahesh Hariharan*



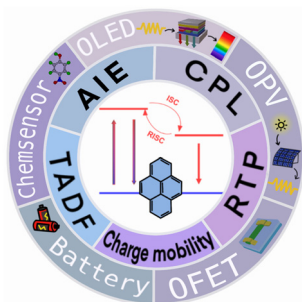
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Green metrics in mechanochemistry

Nicolas Fantozzi, Jean-Noël Volle, Andrea Porcheddu, David Virieux, Felipe Garcia* and Evelina Colacino*



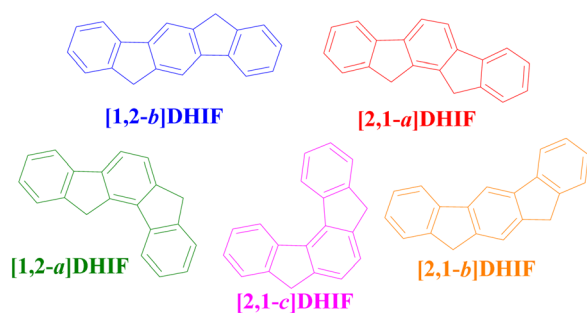
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Aggregation behaviour of pyrene-based luminescent materials, from molecular design and optical properties to application

Xing Feng,* Xiaohui Wang, Carl Redshaw* and Ben Zhong Tang*

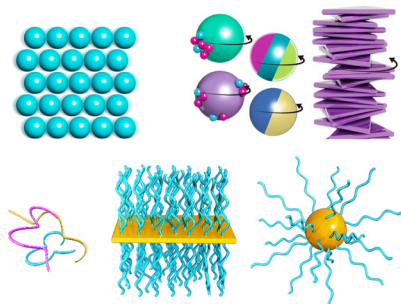
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Dihydroindenofluorenes as building units in organic semiconductors for organic electronics

Cyril Poriel and Joëlle Rault-Berthelot

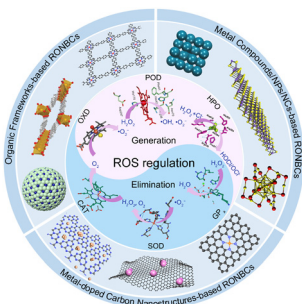
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The entropy-controlled strategy in self-assembling systems

Xuanyu Zhang, Xiaobin Dai, Lijuan Gao, Duo Xu, Haixiao Wan, Yuming Wang and Li-Tang Yan*

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Reactive oxygen nanobiocatalysts: activity-mechanism disclosures, catalytic center evolutions, and changing states

Sujiao Cao, Yanping Long, Sutong Xiao, Yuting Deng, Lang Ma, Mohsen Adeli, Li Qiu,* Chong Cheng* and Changsheng Zhao*

