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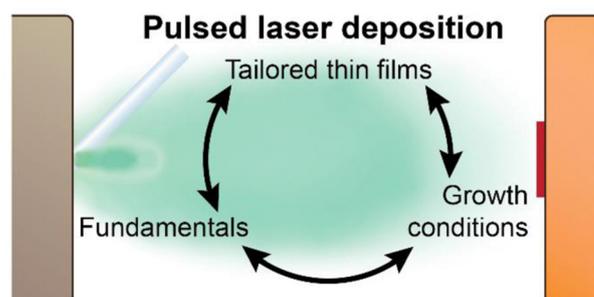


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### A practical guide to pulsed laser deposition

Nick A. Shepelin,\* Zahra P. Tehrani, Natacha Ohannessian, Christof W. Schneider, Daniele Pergolesi and Thomas Lippert\*



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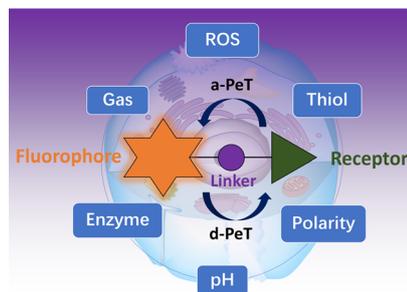


## REVIEW ARTICLES

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### Photoinduced electron transfer (PeT) based fluorescent probes for cellular imaging and disease therapy

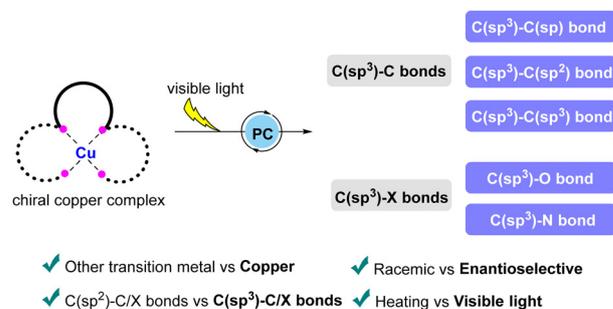
Huiyu Niu, Junwei Liu, Helen M. O'Connor, Thorfinnur Gunnlaugsson,\* Tony D. James\* and Hua Zhang\*



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### Photoinduced copper-catalyzed enantioselective coupling reactions

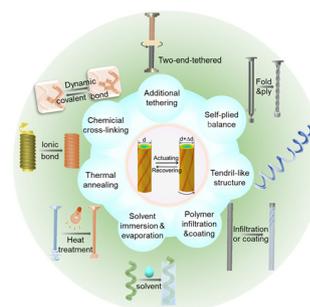
Liangliang Song, Lingchao Cai, Lei Gong\* and Erik V. Van der Eycken\*



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### Tethering of twisted-fiber artificial muscles

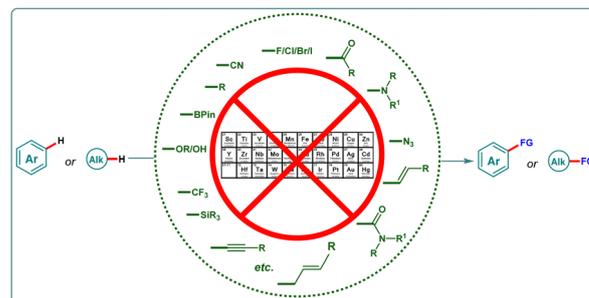
Xueqi Leng, Guangkai Mei, Guanghao Zhang, Zunfeng Liu\* and Xiang Zhou\*



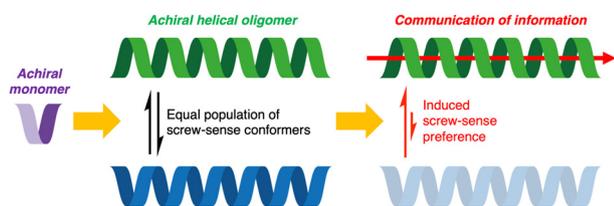
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### Enroute sustainability: metal free C–H bond functionalisation

Sayan Roy, Subir Panja, Sumeet Ranjan Sahoo, Sagnik Chatterjee and Debabrata Maiti\*



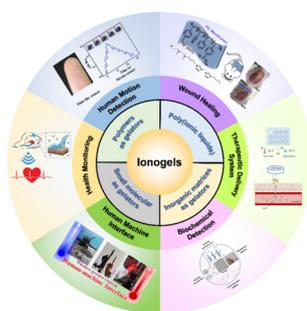
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### Screw sense and screw sensibility: communicating information by conformational switching in helical oligomers

David T. J. Morris and Jonathan Clayden\*

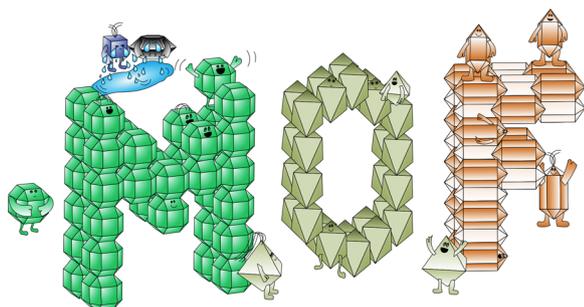
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### lonogels: recent advances in design, material properties and emerging biomedical applications

Xiaotong Fan, Siqi Liu, Zhenhua Jia, J. Justin Koh, Jayven Chee Chuan Yeo, Chen-Gang Wang, Nayli Erdeanna Surat'man, Xian Jun Loh, Jean Le Bideau,\* Chaobin He,\* Zibiao Li\* and Teck-Peng Loh\*

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### Self-assembly of colloidal metal–organic framework (MOF) particles

Javier Fonseca, Lingxin Meng, Inhar Imaz\* and Daniel Maspoch\*

