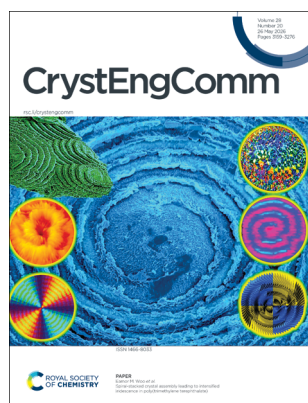


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Cover

See Eamor M. Woo *et al.*, pp. 3177–3187.
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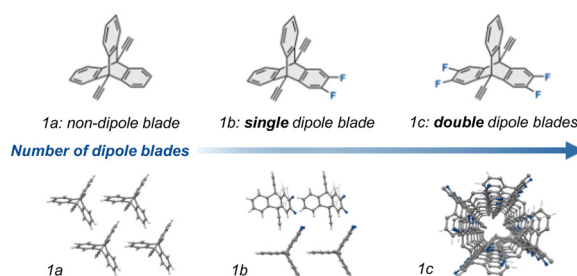
COMMUNICATIONS

3166

Stepwise introduction of dipole blades into triptycenes: opening the variety of crystalline molecular packing modes

Hikaru Yamamoto, Yoshichika Tsubakihara, Ayana Sato-Tomita and Mingoo Jin*

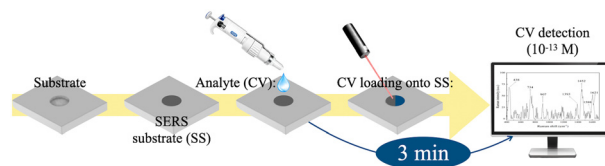
Stepwise introduction of dipole blades into triptycene



3171

Optimized sample-loading method for SERS detection of crystal violet on Ag/ZnO powder: towards rapid and ultrasensitive detection of water contaminants

A. C. García-Velasco, L. Zamora-Peredo, M. Bizarro, A. Báez-Rodríguez, J. Hernández-Torres, M. A. Díaz-Solís and T. J. Olivares-Silva*



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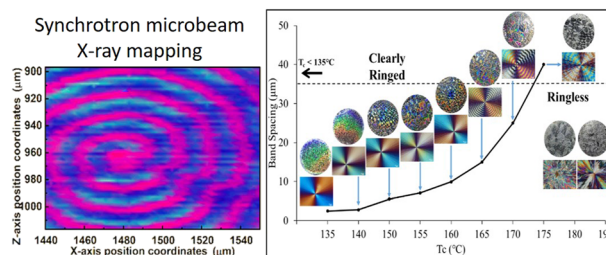
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3177

Spiral-stacked crystal assembly leading to intensified iridescence in poly(trimethylene terephthalate)

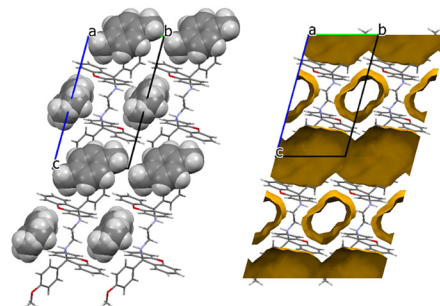
Graecia Lugito, Selvaraj Nagarajan, Widyantari Rahmayanti, H. Ni'mah, Siti Nurkhamida and Eamor M. Woo*



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The host potential of *N,N'*-bis(9-(4-methoxyphenyl)-9*H*-xanthen-9-yl)ethane-1,2-diamine for xylene and ethylbenzene isomers, and its selectivity behaviour in mixed guest solutions

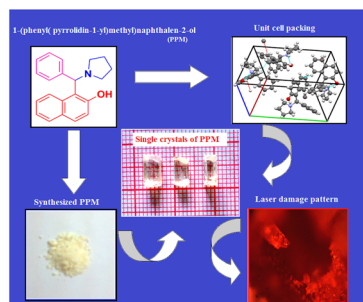
Benita Barton,* Muhammad-Ameen Adam and Eric C. Hosten



3200

Experimental measurements and density functional theory analysis of a novel Mannich base: structural and nonlinear optical perspectives

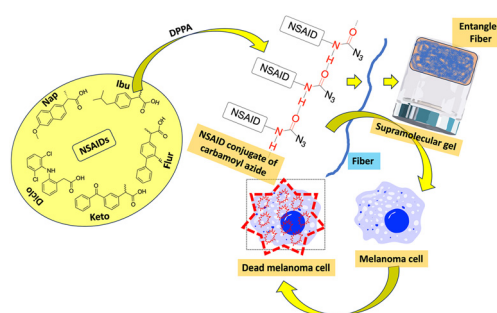
A. Dennis Raj, M. Jeeva, R. Purusothaman and I. Vetha Potheher*



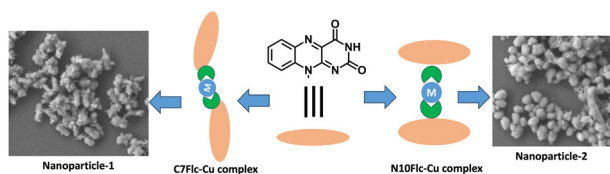
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Carbamoyl azide–drug conjugates as supramolecular gelators: design, synthesis, crystal structures and anti-melanoma property

Manoj Kumar Baskey, Subhajit Ghosh, Sabir Ahmed and Parthasarathi Dastidar*



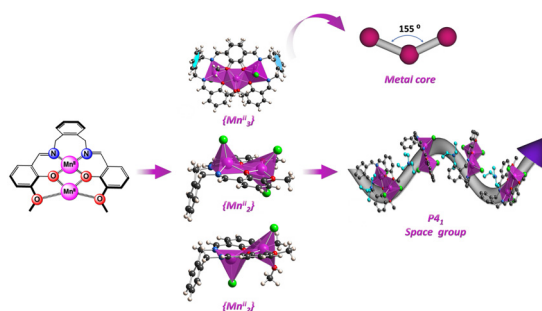
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Diverting metal coordination site in flavin–copper complexes for distinct nanoparticle synthesis

Dipayan Mondal and Ashutosh Kumar Mishra*

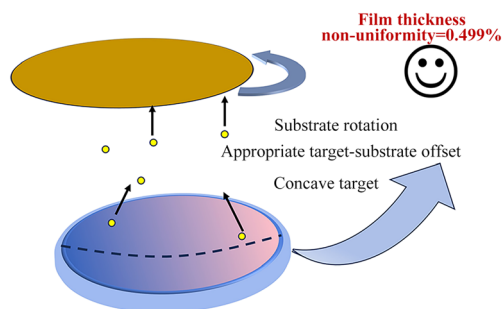
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Coordination pyramid inversion, angular cluster core and homochiral single-stranded helix formation in polynuclear Mn(II) assemblies supported by a bicompartamental salen-type ligand based on an *o*-xylylenediamine platform

Iliia D. Shutilov, Pavel A. Volodin, Lyubov V. Frantsuzova, Aidar T. Gubaidullin, Alexander S. Ovsyannikov,* Svetlana E. Solovieva and Igor S. Antipin

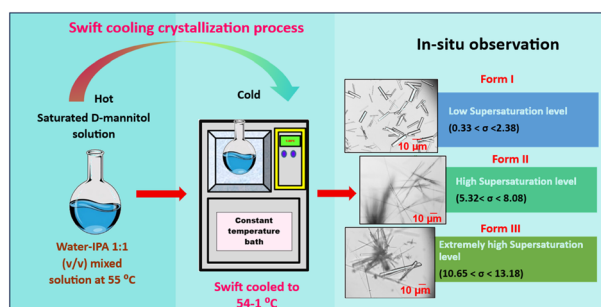
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Effect of substrate rotation and offset on film thickness uniformity in concave-target magnetron sputtering

Jiachen Dong, Baozhang Zhao, Fan Sheng, Pei Li, Li Zhang, Wei Zou, Mei Wang and Zhengwang Cheng*

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Selective crystallization of *D*-mannitol polymorphs in a water–isopropyl alcohol mixture through a swift cooling process

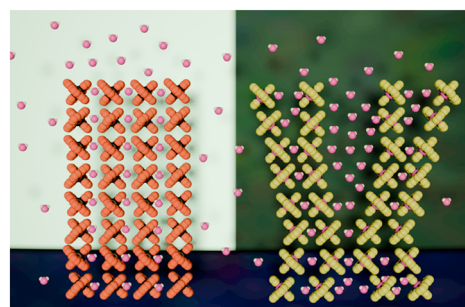
Lavanisadevi Subiramaniyam and Srinivasan Karuppannan*



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Structure and luminescence colour change of an iridium(III) bis-terpyridine complex crystal triggered by water sorption/desorption

Yusuke Endo, Mio Kondo, Tomoe Nakamura, Shingo Hattori, Akiko Sekine, Sosuke Kojo and Kazuteru Shinozaki*



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Layered indium–silver-based hybrid perovskite single crystals for high-performance X-ray detection

Luying Zheng, Binyan Qiu, Xin Huang, Yi Zheng, Min Chen, Xiaoming Jiang, Xieming Xu,* Shaofan Wu and Shuaihua Wang*

