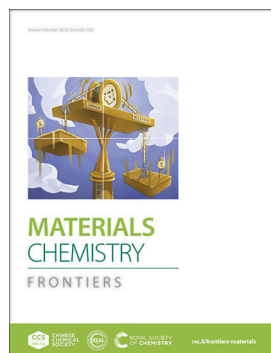


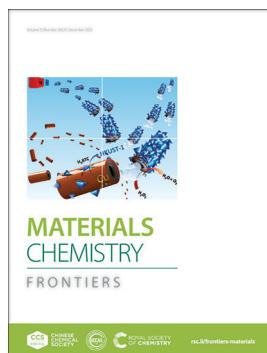
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Cover

See Mariana Kozłowska, Emma V. Puttock *et al.*, pp. 3505–3515. Image reproduced by permission of and designed by Vincenzo Pani from *Mater. Chem. Front.*, 2025, 9, 3505.



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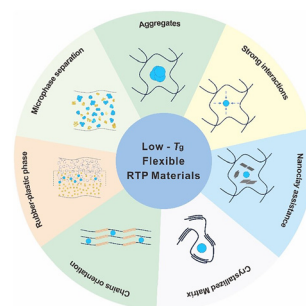
See Beatriz Jurado-Sánchez, Alberto Escarpa *et al.*, pp. 3516–3523. Image reproduced by permission of Enrique Solano Rodríguez from *Mater. Chem. Front.*, 2025, 9, 3516.

REVIEW

3495

Flexible room-temperature-phosphorescence materials based on polymers with low glass-transition temperatures

Bolun Huang, Yongfeng Zhang, Tao Wang, Baicheng Mei, Peng Sun,* Jianbing Shi, Bin Tong, Zitong Liu,* Zhengxu Cai* and Yuping Dong

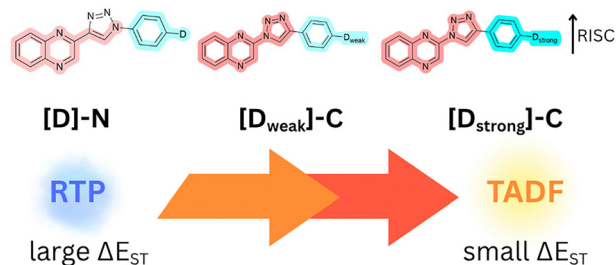


RESEARCH ARTICLES

3505

Steering the luminescence of donor–acceptor materials by regioisomerism of triazole linkers

Laura Holzhauer, Carolina Francener, David Elsing, Andrew Danos, Olaf Fuhr, Nicole Jung, Wolfgang Wenzel, Andrew P. Monkman, Stefan Bräse, Mariana Kozłowska* and Emma V. Puttock*



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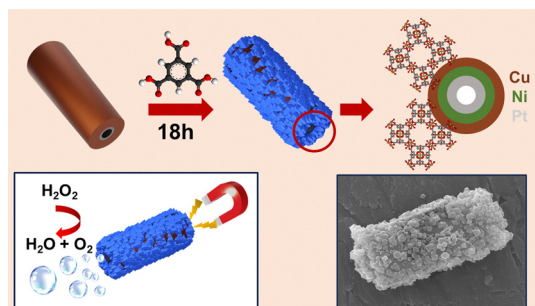
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RESEARCH ARTICLES

3516

Building HKUST-1 metal organic frameworks on a board of Cu tubular micromotors with adaptive propulsive capabilities

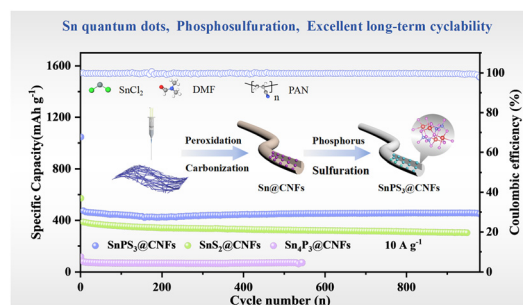
Enrique Solano Rodríguez, Beatriz Jurado-Sánchez* and Alberto Escarpa*



3524

Nanoconfinement-engineered SnPS₃ anodes induced fast electrochemical kinetics for highly reversible sodium-ion storage

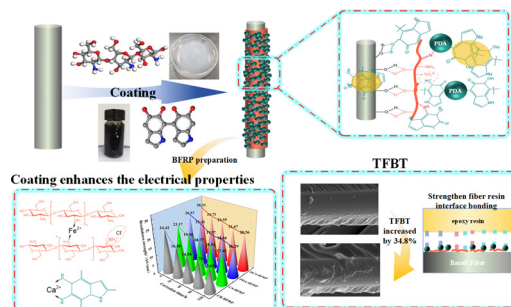
Qing Li, Weiping Guo, Binqiang Chai, Kang Xu, Weijiang Hu, Xueming Su, Huaixin Wei,* Hongbo Geng,* Jun Yang* and Zhongzhen Luo*



3535

Bioactive cross-scale interfacial functionalization: improving the seawater corrosion resistance of basalt fiber composite insulation materials

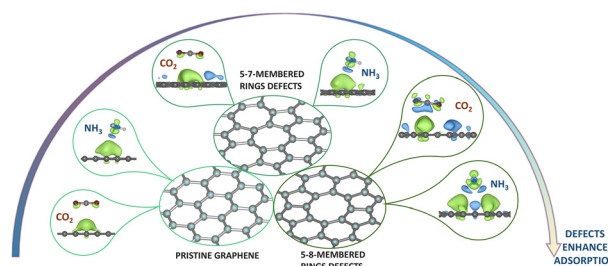
Hechen Liu, Yuli Wang,* Junbo Men, Ziyang Wang, Changjiang Liu, Xiong Wu, Xinxin Zhou and Shuyue Nan



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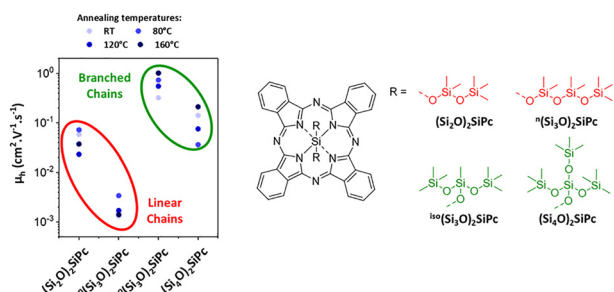
The interplay between topological defects and CO₂ and NH₃ adsorption in graphene

Daniel Moreno-Rodríguez,* Eva Scholtzová and Hiroto Nishihara*



RESEARCH ARTICLES

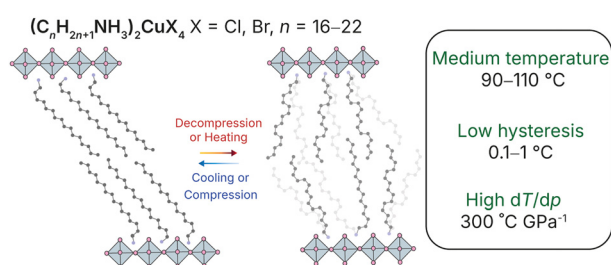
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Branched siloxane axial substituents outperform linear analogues in a model silicon phthalocyanine-based organic thin film transistor

Nicolas Ledos, Halynne R. Lamontagne, Joseph G. Manion, Jaclyn L. Brusso* and Benoît H. Lessard*

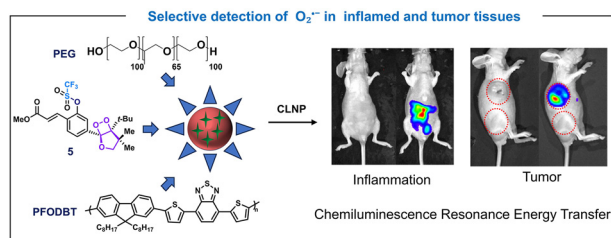
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Raising the operating temperature of layered perovskite phase-change materials beyond 100 °C via alkylammonium extension

Alba Prats, Laura Ribas-Cabello, Clàudia Pérez-Junyent, Xavier Carpena, Roeland Boer, Guillaume F. Nataf, Fabien Giovanelli, Gerardo Carrasco, María Barrio, Josep Lluís Tamarit, Pol Lloveras* and Roc Matheu*

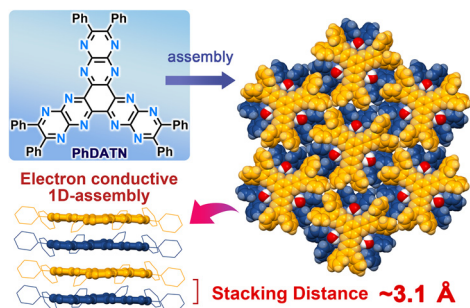
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Precision imaging of superoxide anion radicals *in vivo* using a bicyclic dioxetane chemiluminescent nanoprobe

Silin Huang, Min Shi, Jia-Xing Chen, Peng-Fei Shi* and Xue-Qiang Wang*

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Hexaphenyl-1,4,5,6,7,10,11,12,13,16,17,18-dodecaazatrinitrophenylene

Kaito Nakamura, Kodai Shimizu, Ryusei Oketani, Haruka Tokuyama, Takashi Harimoto, Rajendra Prasad Paitandi, Yusuke Ishigaki, Akihito Konishi, Shu Seki, Makoto Yasuda and Ichiro Hisaki*

