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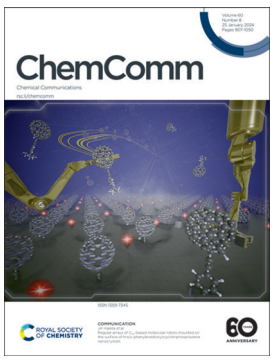
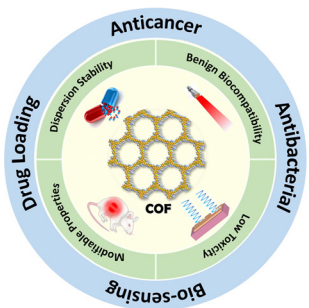
Cover
See Akio Saito *et al.*, pp. 956–959. Image reproduced by permission of Akio Saito from *Chem. Commun.*, 2024, **60**, 956.

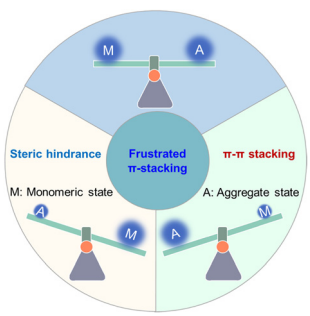


Inside cover
See Jiří Kaleta *et al.*, pp. 960–963. Image reproduced by permission of Philippe Favreau and Jiří Kaleta from *Chem. Commun.*, 2024, **60**, 960.

HIGHLIGHT



FEATURE ARTICLES



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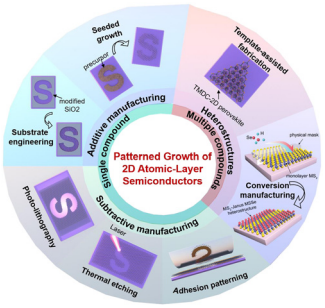

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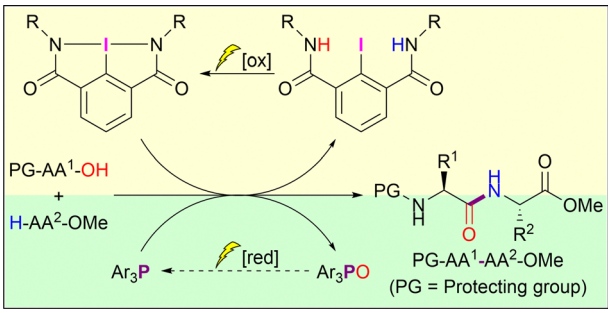

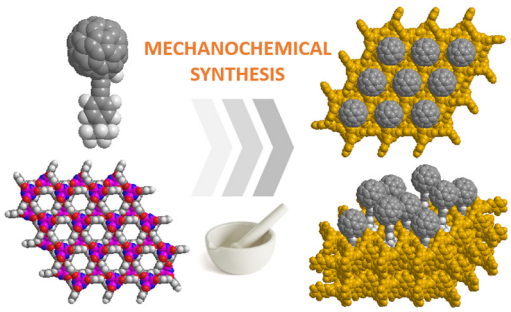

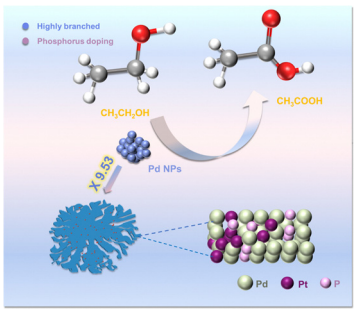

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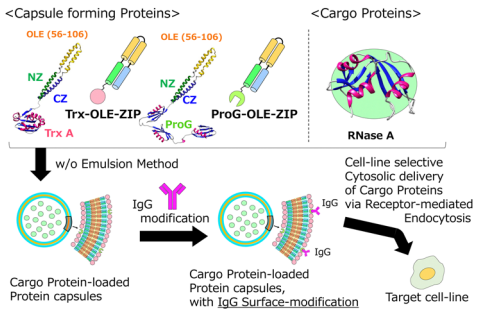
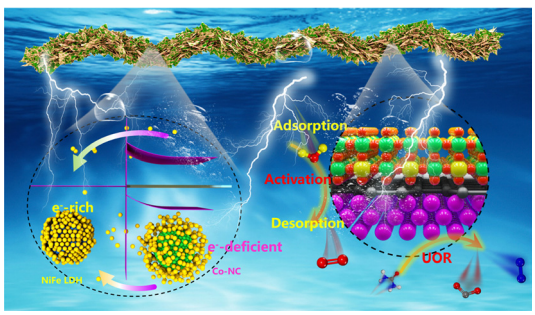


Delivery of external proteins into the cytoplasm using protein capsules modified with IgG on the surface, created from the amphiphilic two helix-bundle protein OLE-ZIP

Kousuke Takahashi, Taiki Nishiyama, Naoki Umezawa, Yasumichi Inoue, Isamu Akiba, Takehisa Dewa, Atsushi Ikeda and Toshihisa Mizuno*

972



Incorporating a built-in electric field into a NiFe LDH heterojunction for enhanced oxygen evolution and urea oxidation

Tianshan Song, Hui Xue,* Jing Sun, Niankun Guo, Jiawen Sun, Yi-Ru Hao and Qin Wang*

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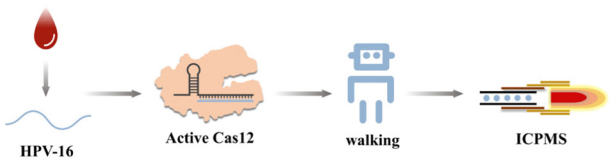

CRISPR-Cas12a-enhanced mass spectrometric DNA nanomachine for HPV-16 detection in human serum

Yueli Hu, Liwei Liu, Chaoqun Wang, Jing Zhou, Rui Liu* and Yi Lv*

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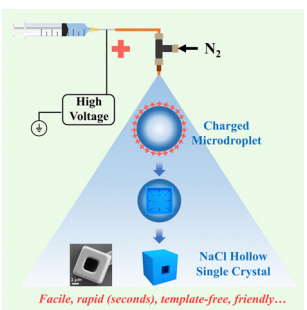

Utilization of charged microdroplets for the controlled rapid synthesis of hollow sodium chloride single crystals

Yanjie Wang, Jianing Dong, Xianmeng Song, Kai Luo, Zi-Ang Nan, Feng Ru Fan* and Zhong-Qun Tian*

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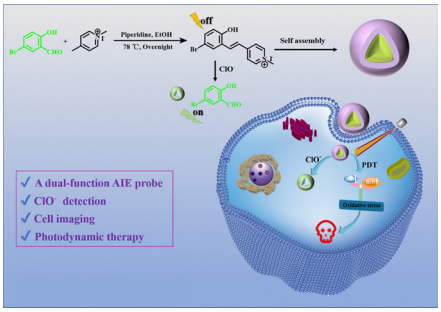

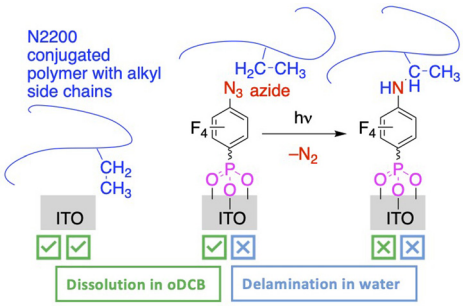

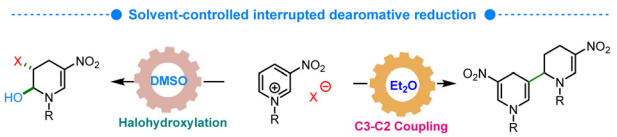

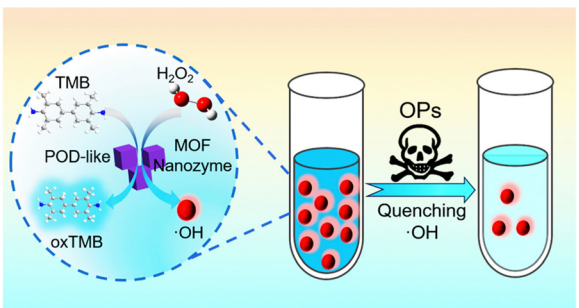

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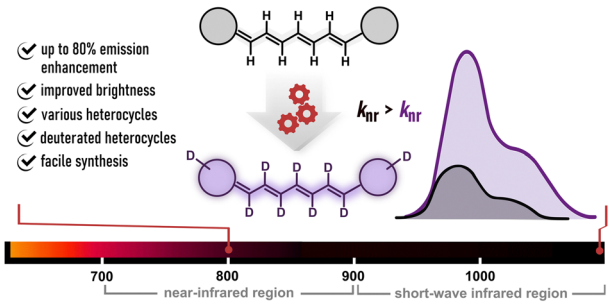

Deuteration of heptamethine cyanine dyes enhances their emission efficacy

Hana Janeková, Hannah C. Friedman, Marina Russo, Mergime Zyberaj, Tasnim Ahmed, Ash Sueh Hua, Anthony V. Sica, Justin R. Caram* and Peter Šťacko*

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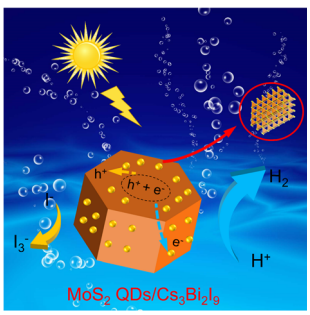

Enhanced photocatalytic hydrogen evolution through MoS_2 quantum dots modification of bismuth-based perovskites

Yunjian Fan, Jingmiao Hu, Tianyang Li, Shuang Xu, Shan Chen* and Huajie Yin*

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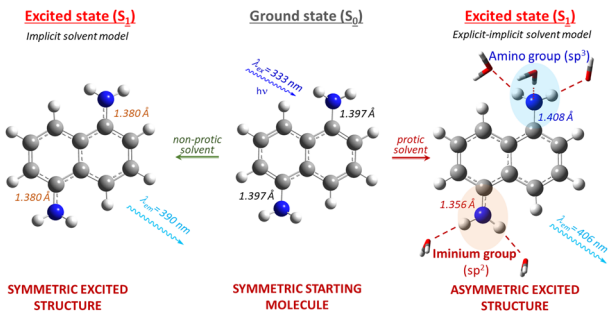

Excited state iminium form can explain the unexpected solvatochromic behavior of symmetric 1,5- and 1,8-diaminonaphthalenes

Erika Kopcsik, Zoltán Mucsi,* Bence Kontra, László Vanyorek, Rajmond Gál, Béla Viskolcz and Miklós Nagy*

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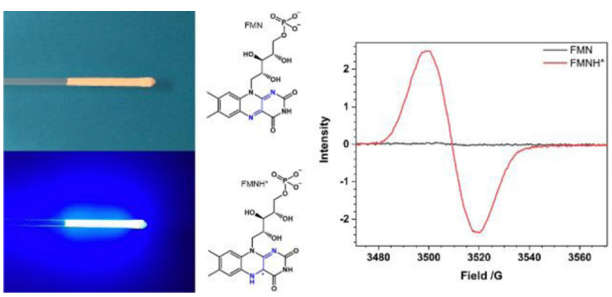

Simple and effective *in situ* sample illumination for electron paramagnetic resonance

Adam W. Woodward, Jack E. Bramham, Adam Brookfield, Alexander P. Golovanov* and Alice M. Bowen*

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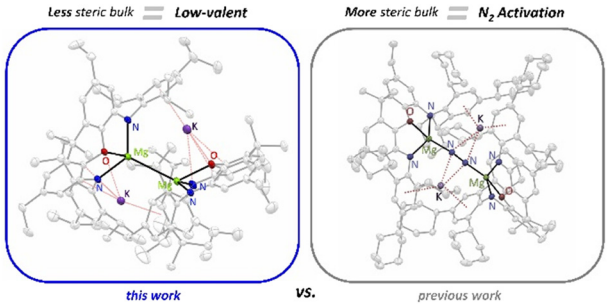

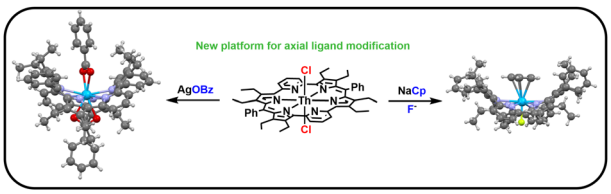

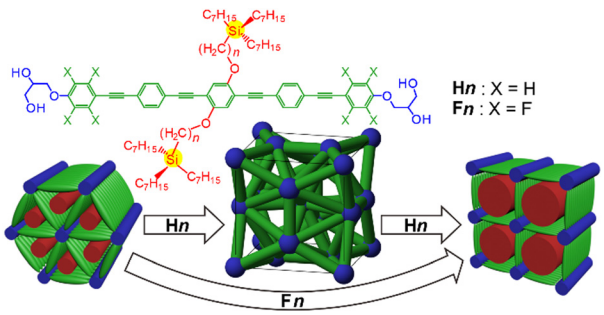

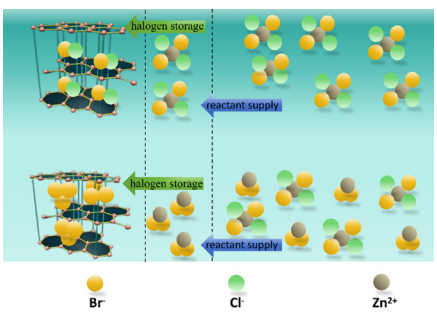

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RETRACTION

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Retraction: Carbon content drives high temperature superconductivity in a carbonaceous sulfur hydride below 100 GPa

G. Alexander Smith, Ines E. Collings, Elliot Snider, Dean Smith, Sylvain Petitgirard, Jesse S. Smith, Melanie White, Elyse Jones, Paul Ellison, Keith V. Lawler, Ranga P. Dias and Ashkan Salamat*