

Chem Soc Rev

Chemical Society Reviews

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IN THIS ISSUE

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Cover

See Wei Feng,
Bo Peng, Yu Chen *et al.*,
pp. 6957–7035.
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2023, 52, 6957.



Inside cover

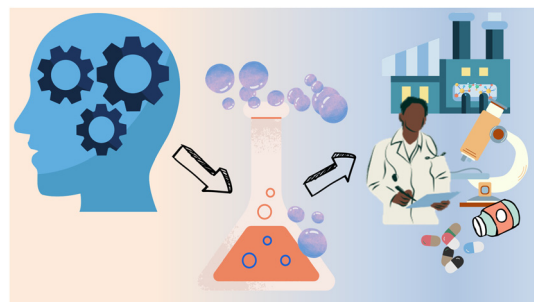
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Ji Young Hyun *et al.*,
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TUTORIAL REVIEWS

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Tools to enable the study and translation of supramolecular amphiphiles

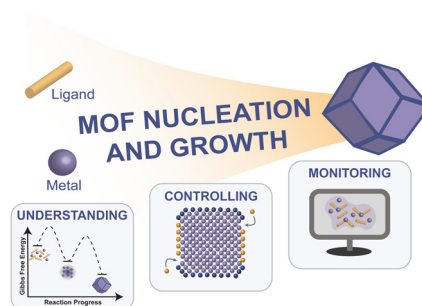
Thomas Allam, Dominick E. Balderston,
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Alix Overton, Precious I. A. Popoola, Lisa R. Thompson,
Lisa J. White and Jennifer R. Hiscock*



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Understanding and controlling the nucleation and growth of metal–organic frameworks

Brooke P. Carpenter, A. Rain Talosig, Ben Rose,
Giuseppe Di Palma and Joseph P. Patterson*



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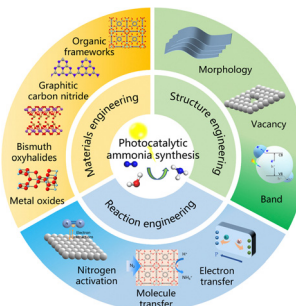


TUTORIAL REVIEWS

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Engineering photocatalytic ammonia synthesis

Yonghui Shi, Zhanfeng Zhao, Dong Yang,* Jiangdan Tan, Xin Xin, Yongqi Liu and Zhongyi Jiang*

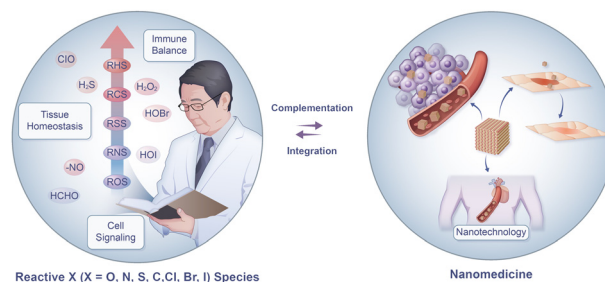


REVIEW ARTICLES

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Reactive X (where X = O, N, S, C, Cl, Br, and I) species nanomedicine

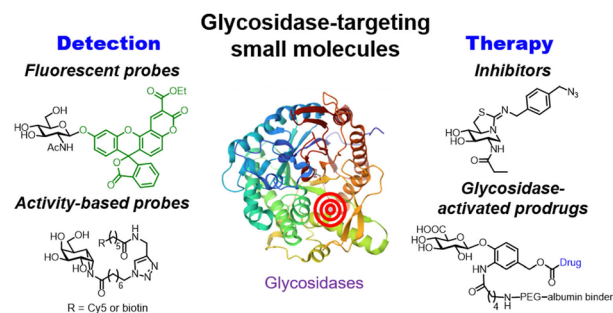
Keyi Wang, Weipu Mao, Xinran Song, Ming Chen, Wei Feng,* Bo Peng* and Yu Chen*



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Glycosidase-targeting small molecules for biological and therapeutic applications

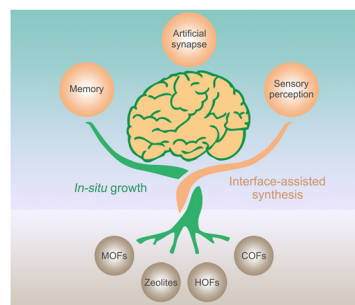
Yujun Kim, Hui Li, Joohee Choi, Jihyeon Boo, Hyemi Jo, Ji Young Hyun* and Injae Shin*



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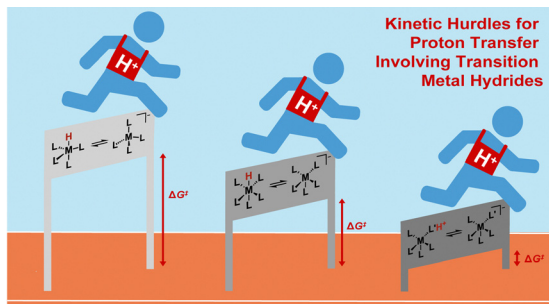
Porous crystalline materials for memories and neuromorphic computing systems

Guanglong Ding, JiYu Zhao, Kui Zhou, Qi Zheng, Su-Ting Han, Xiaojun Peng and Ye Zhou*



REVIEW ARTICLES

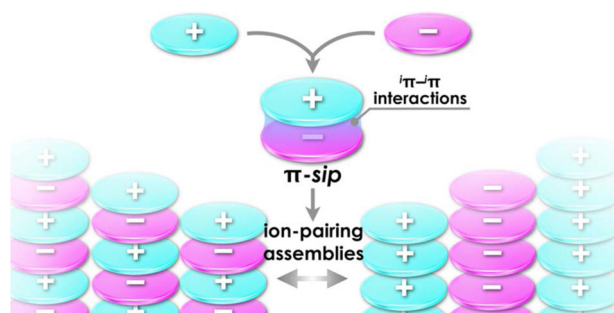
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Proton transfer kinetics of transition metal hydride complexes and implications for fuel-forming reactions

Charlotte L. Montgomery, Jaruwan Amtawong, Aldo M. Jordan, Daniel A. Kurtz* and Jillian L. Dempsey*

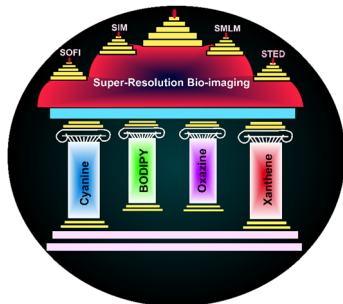
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π -Electronic ion pairs: building blocks for supramolecular nanoarchitectonics via π - π interactions

Yohei Haketa, Kazuhisa Yamasumi and Hiromitsu Maeda*

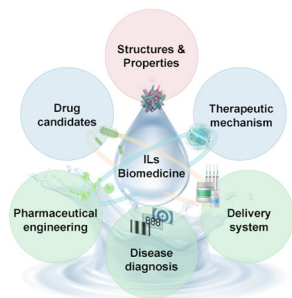
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Xanthene, cyanine, oxazine and BODIPY: the four pillars of the fluorophore empire for super-resolution bioimaging

Soham Samanta, Kaitao Lai, Feihu Wu, Yingchao Liu, Songtao Cai, Xusan Yang, Junle Qu* and Zhigang Yang*

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Ionic liquids revolutionizing biomedicine: recent advances and emerging opportunities

Yanhui Hu, Yuyuan Xing, Hua Yue, Tong Chen, Yanyan Diao,* Wei Wei* and Suojing Zhang*



CORRECTION

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Correction: 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*

