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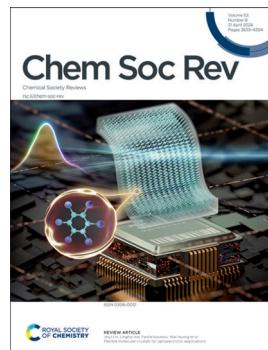
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See Yangheng Zhang, Wenrong Yang, Fuhua Yan et al., pp. 3656–3686.
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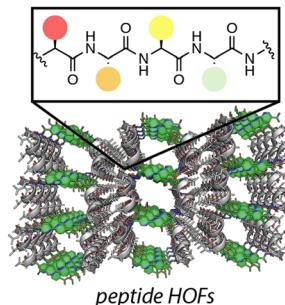
See Jinyi Lin, Linghai Xie, Panče Naumov, Wei Huang et al., pp. 3687–3713.
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TUTORIAL REVIEW

3640

Peptide hydrogen-bonded organic frameworks

Thangavel Vijayakanth,* Sneha Dasgupta, Pragati Ganatra, Sigal Rencus-Lazar, Aamod V. Desai, Shyamapada Nandi, Rahul Jain, Santu Bera, Andy I. Nguyen,* Ehud Gazit* and Rajkumar Misra*



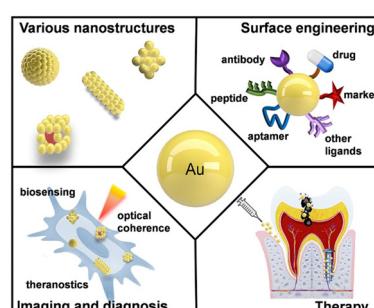
- chiral
- biocompatible
- tunable
- adaptable

REVIEW ARTICLES

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Nanochemistry of gold: from surface engineering to dental healthcare applications

Shuang Zhang, Na Kong, Zezheng Wang, Yangheng Zhang,* Can Ni, Lingjun Li, Hongbin Wang, Min Yang, Wenrong Yang* and Fuhua Yan*



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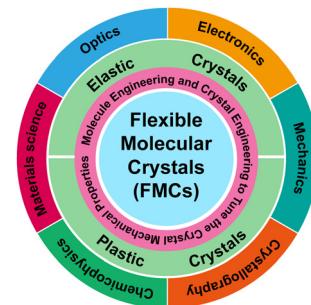


REVIEW ARTICLES

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Flexible molecular crystals for optoelectronic applications

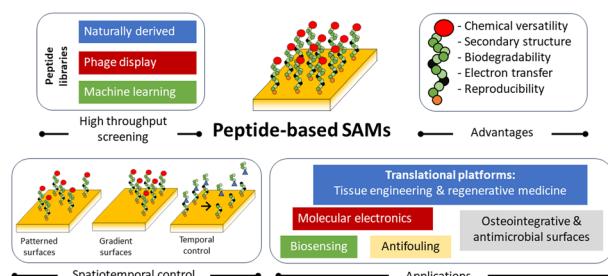
Chuanxin Wei, Liang Li, Yingying Zheng, Lizhi Wang, Jingyao Ma, Man Xu, Jinyi Lin,* Linghai Xie,* Panče Naumov,* Xuehua Ding, Quanyou Feng and Wei Huang*



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Peptide-based self-assembled monolayers (SAMs): what peptides can do for SAMs and vice versa

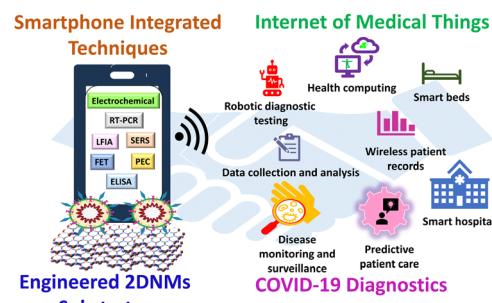
Carlos Redondo-Gómez, Paula Parreira, M. Cristina L. Martins and Helena S. Azevedo*



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Engineered two-dimensional nanomaterials based diagnostics integrated with internet of medical things (IoMT) for COVID-19

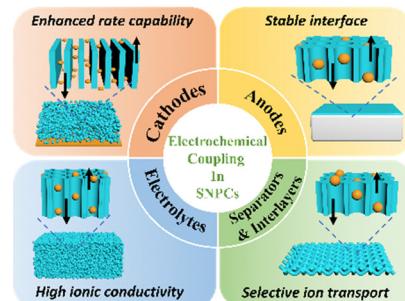
Mohd. Abubakar Sadique, Shalu Yadav, Raju Khan* and Avanish K. Srivastava*



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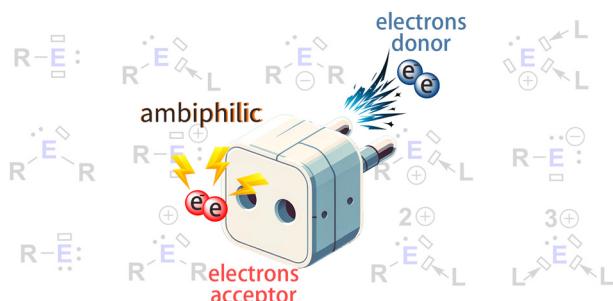
Electrochemical coupling in subnanometer pores/channels for rechargeable batteries

Yao-Jie Lei, Lingfei Zhao, Wei-Hong Lai, Zefu Huang, Bing Sun, Pauline Jaumaux, Kening Sun,* Yun-Xiao Wang* and Guoxiu Wang*



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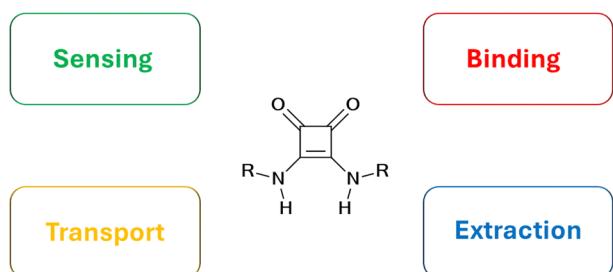
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Recent advances in the chemistry of isolable carbene analogues with group 13–15 elements

Mian He, Chaopeng Hu, Rui Wei, Xin-Feng Wang and Liu Leo Liu*

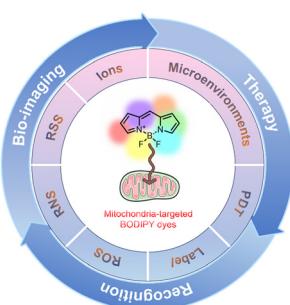
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Squaramide-based receptors in anion supramolecular chemistry: insights into anion binding, sensing, transport and extraction

Giacomo Picci,* Riccardo Montis,* Vito Lippolis and Claudia Caltagirone*

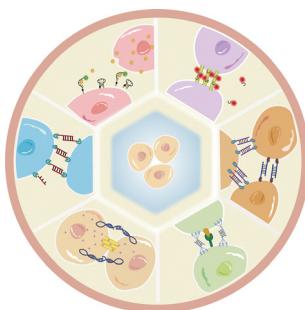
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Mitochondria-targeted BODIPY dyes for small molecule recognition, bio-imaging and photodynamic therapy

Sisi Wang, Lizhi Gai, Yuncong Chen, Xiaobo Ji, Hua Lu* and Zijian Guo*

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DNA nanostructures for exploring cell–cell communication

Ya Wang, Yamin Xiong, Kangqi Shi, Clement Yaw Effah, Lulu Song, Leiliang He* and Jianbo Liu*



REVIEW ARTICLES

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Self-indicating polymers: a pathway to intelligent materials

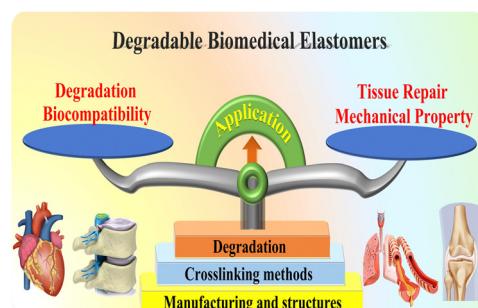
Mobina Bayat, Hanieh Mardani, Hossein Roghani-Mamaqani* and Richard Hoogenboom*



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Degradable biomedical elastomers: paving the future of tissue repair and regenerative medicine

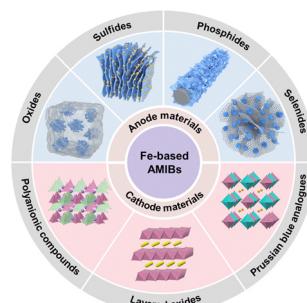
Ben Jia, Heyuan Huang,* Zhicheng Dong, Xiaoyang Ren, Yanyan Lu, Wenzhi Wang, Shaowen Zhou, Xin Zhao* and Baolin Guo*



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Progress and perspectives on iron-based electrode materials for alkali metal-ion batteries: a critical review

Junzhe Li, Chao Wang, Rui Wang, Chaofeng Zhang,* Guanjie Li, Kenneth Davey, Shilin Zhang* and Zaiping Guo*



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Routes to high-performance layered oxide cathodes for sodium-ion batteries

Jingqiang Wang, Yan-Fang Zhu,* Yu Su, Jun-Xu Guo, Shuangqiang Chen, Hua-Kun Liu, Shi-Xue Dou, Shu-Lei Chou* and Yao Xiao*

