

# Chem Soc Rev

Chemical Society Reviews

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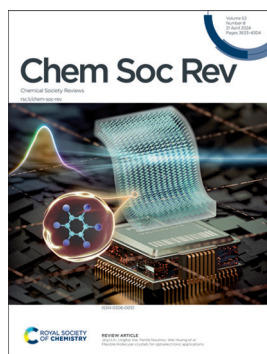
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### Cover

See Yangheng Zhang, Wenrong Yang, Fuhua Yan *et al.*, pp. 3656–3686. Image reproduced by permission of Shuang Zhang and Na Kong from *Chem. Soc. Rev.*, 2024, 53, 3656.



### Inside cover

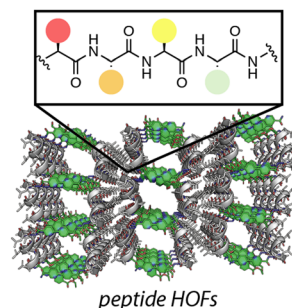
See Jinyi Lin, Linghai Xie, Panče Naumov, Wei Huang *et al.*, pp. 3687–3713. Image reproduced by permission of Wei Huang from *Chem. Soc. Rev.*, 2024, 53, 3687.

## TUTORIAL REVIEW

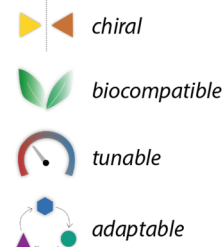
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### Peptide hydrogen-bonded organic frameworks

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peptide HOFs

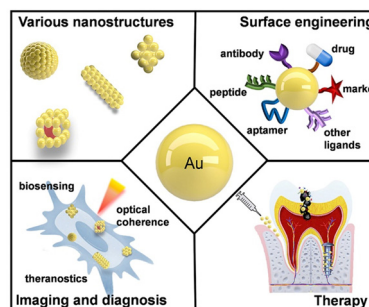


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### Nanochemistry of gold: from surface engineering to dental healthcare applications

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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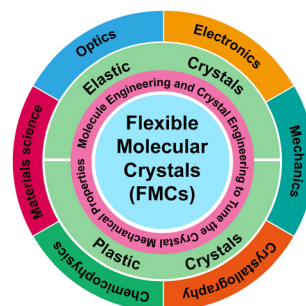
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## Flexible molecular crystals for optoelectronic applications

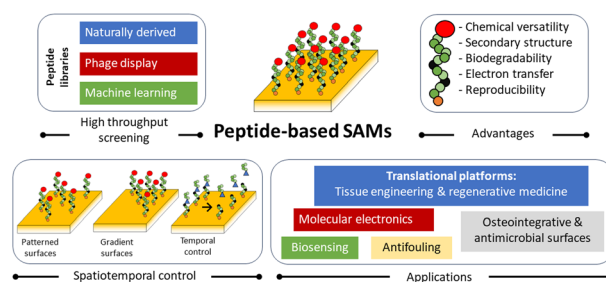
Chuanxin Wei, Liang Li, Yingying Zheng, Lizhi Wang, Jingyao Ma, Man Xu, Jinyi Lin,\* Linghai Xie,\* Panče Naumov,\* Xuehua Ding, Quanyou Feng and Wei Huang\*



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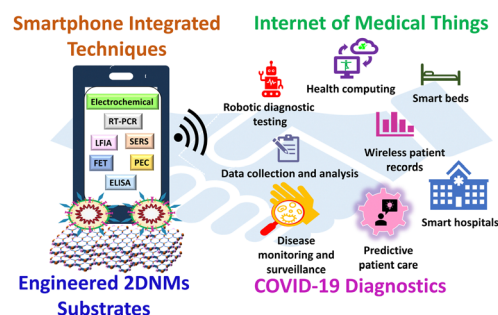
Carlos Redondo-Gómez, Paula Parreira, M. Cristina L. Martins and Helena S. Azevedo\*



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

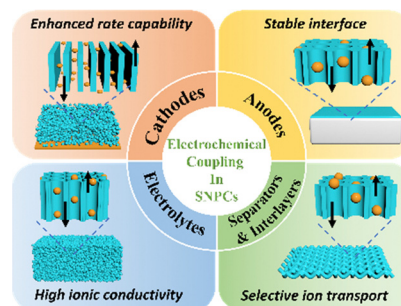
Mohd. Abubakar Sadique, Shalu Yadav, Raju Khan\* and Avanish K. Srivastava\*



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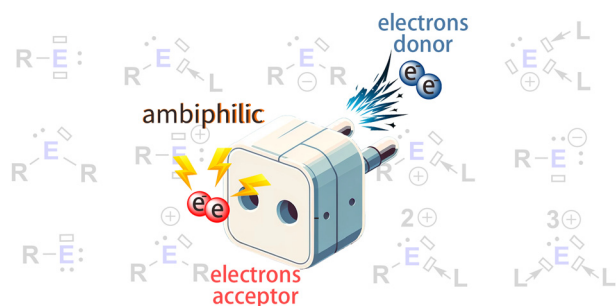
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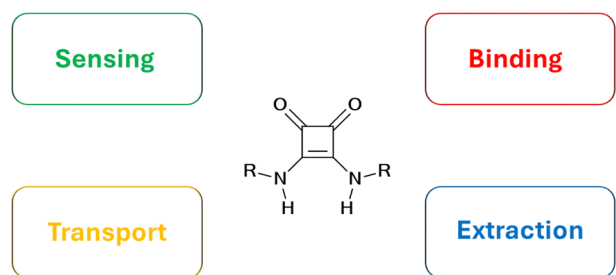
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Mian He, Chaopeng Hu, Rui Wei, Xin-Feng Wang and Liu Leo Liu\*

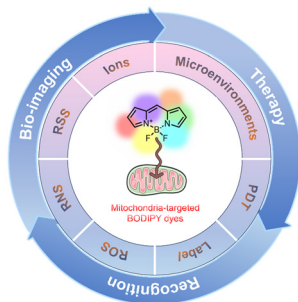
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## Squaramide-based receptors in anion supramolecular chemistry: insights into anion binding, sensing, transport and extraction

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

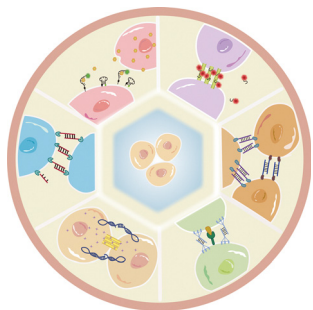
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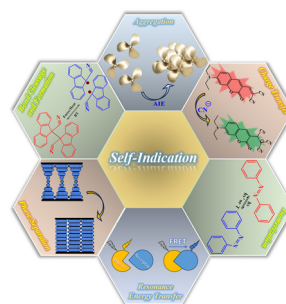


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**Self-indicating polymers: a pathway to intelligent materials**

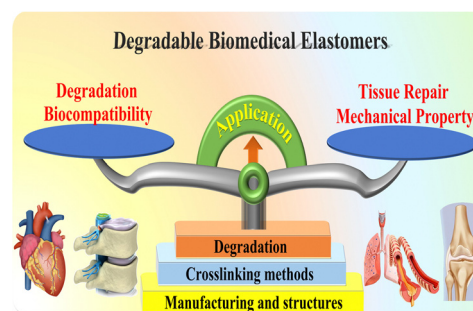
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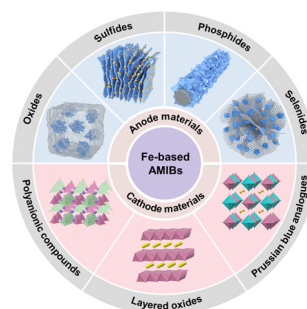
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