Nanoscale Advances

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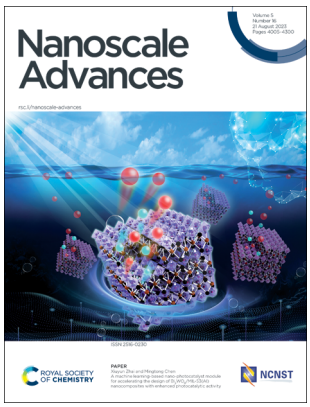

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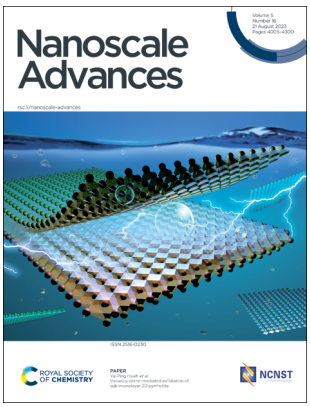
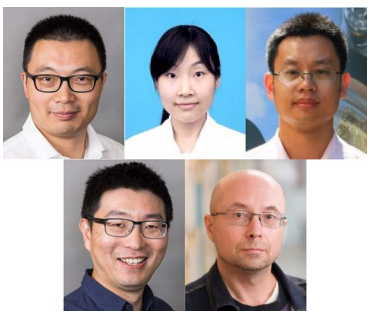
See Xiuyun Zhai and Mingtong Chen, pp. 4065–4073. Image reproduced by permission of Xiuyun Zhai and Mingtong Chen from *Nanoscale Adv.*, 2023, **5**, 4065.



Inside cover
See Ya-Ping Hsieh *et al.*, pp. 4074–4079. Image reproduced by permission of Ya-Ping Hsieh from *Nanoscale Adv.*, 2023, **5**, 4074.

EDITORIAL



REVIEWS

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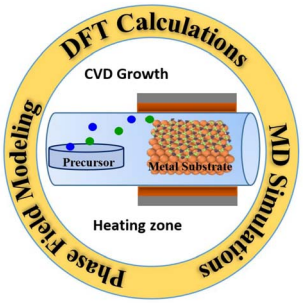

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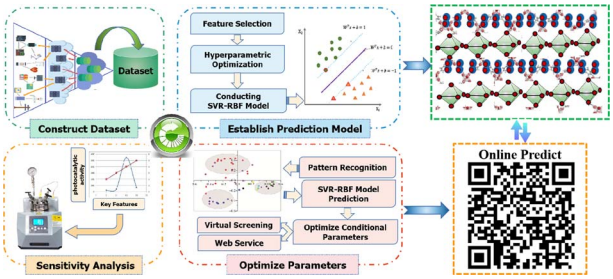

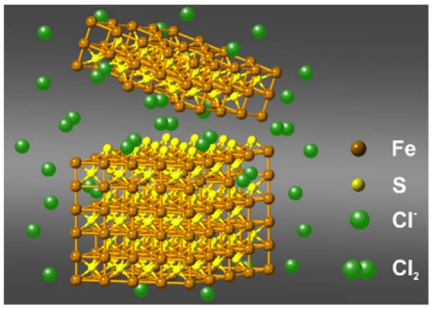

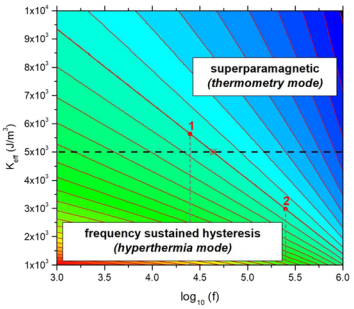

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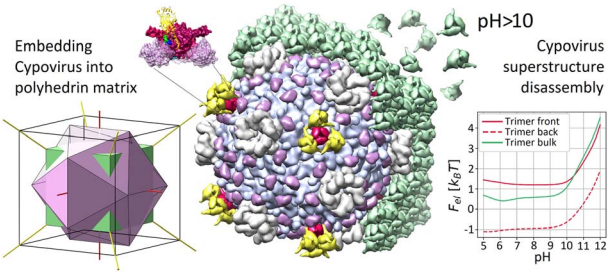

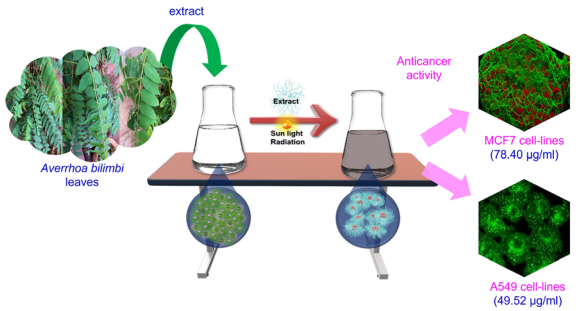

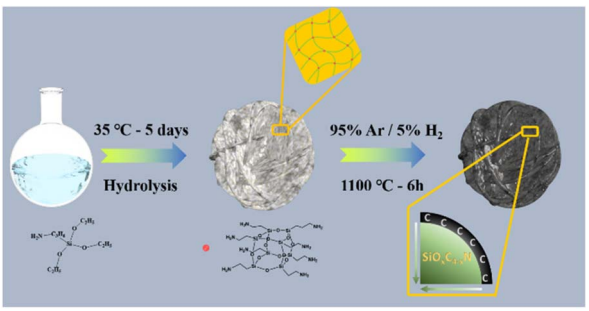

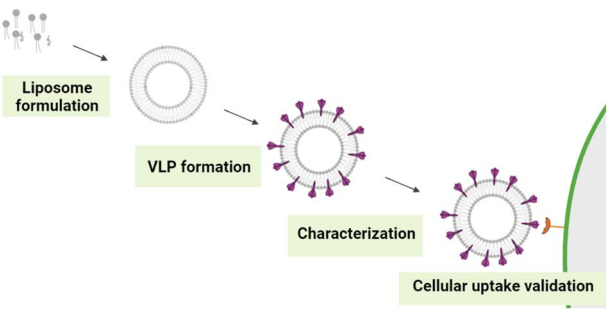

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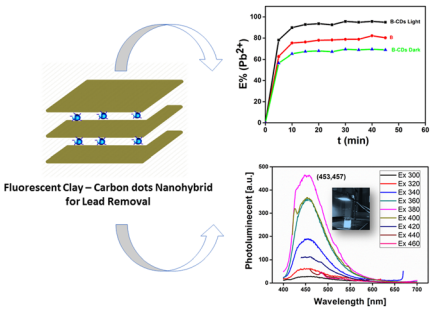

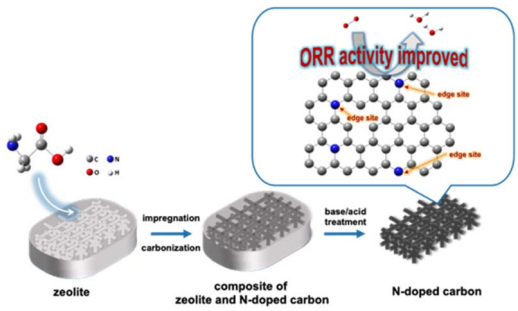

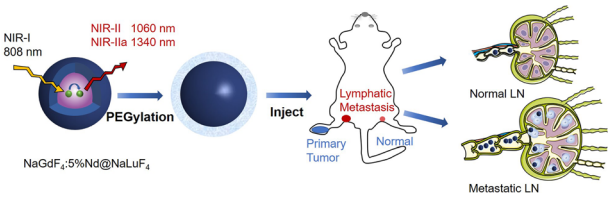

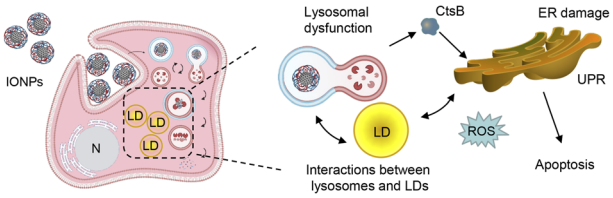

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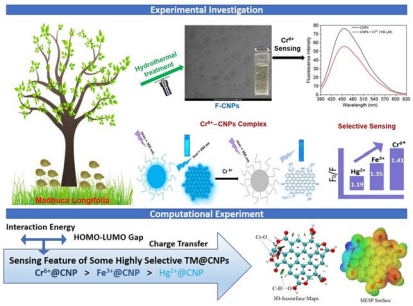
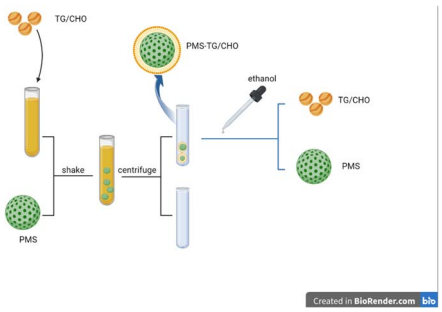


Development of fluorescent carbon nanoparticles from *Madhuca longifolia* flower for the sensitive and selective detection of Cr^{6+}: a collective experimental–computational approach

Tuhin Mandal, Ashish Kumar Ghosh, Shiv Rag Mishra, Sarvesh Kumar Pandey* and Vikram Singh*



New application of a periodic mesoporous nanocrystal silicon–silica composite for hyperlipidemia

Wenbin Lu,* Hao Jin,* Jiandong Ding, Yahao Zhang and Yong Wu