Environmental Science Nano

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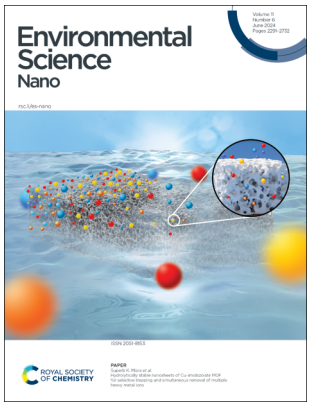

Cover
See Superb K. Misra *et al.*, pp. 2385–2396.
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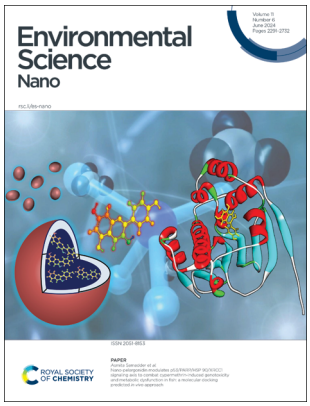

Inside cover
See Asmita Samadder *et al.*, pp. 2397–2414.
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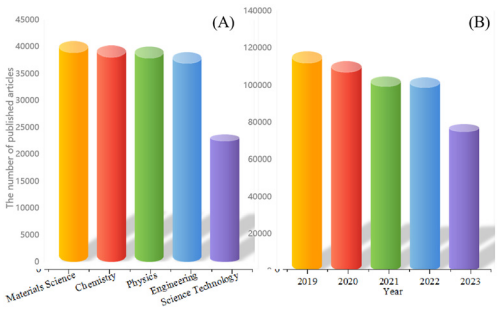
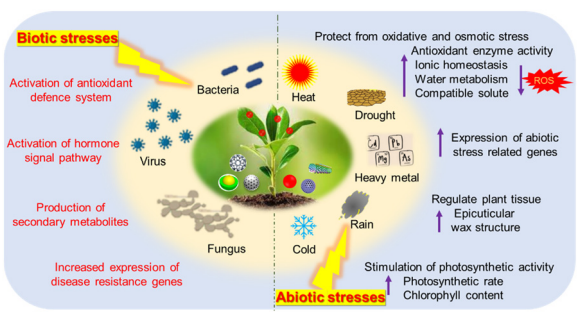
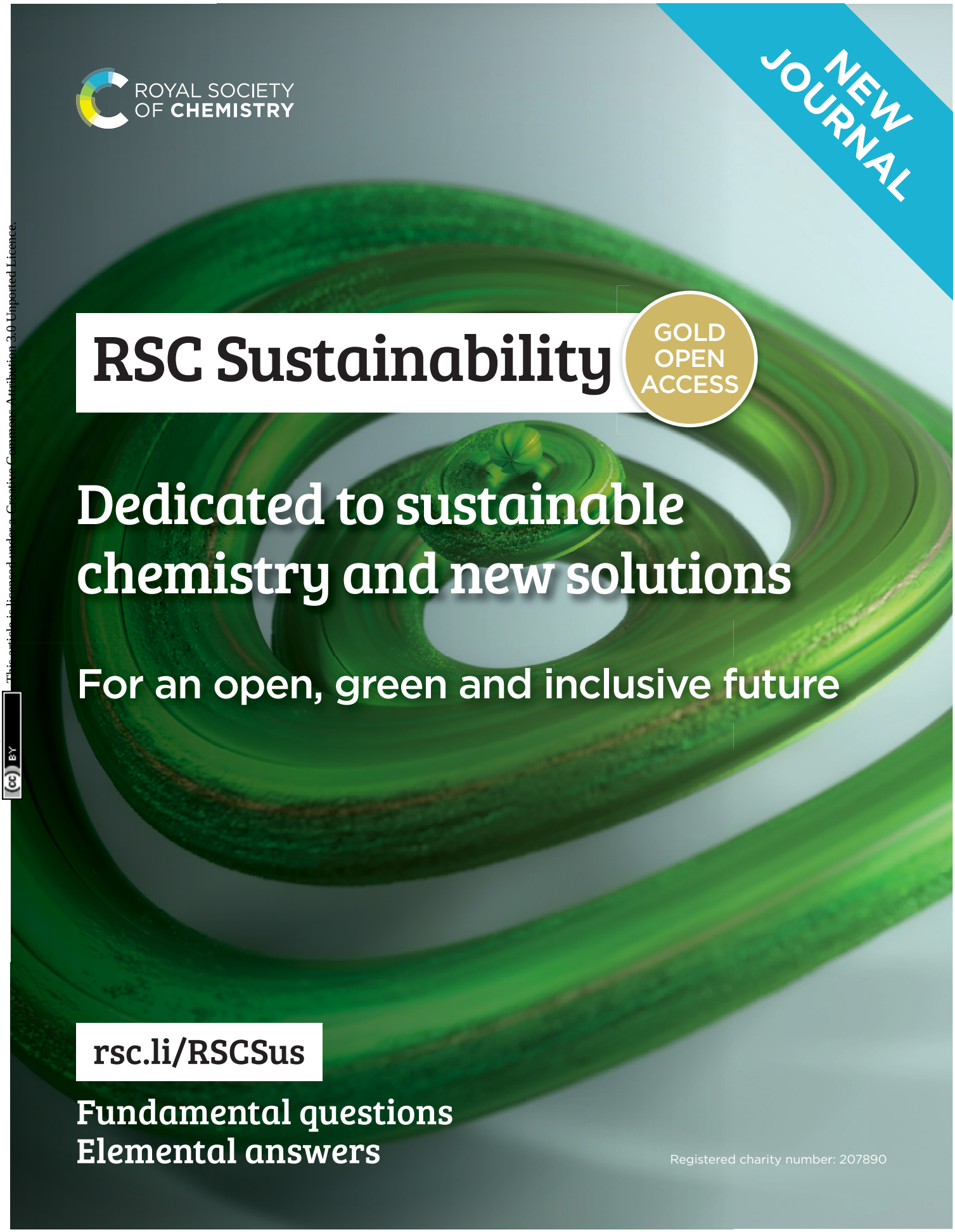
TUTORIAL REVIEW



CRITICAL REVIEW





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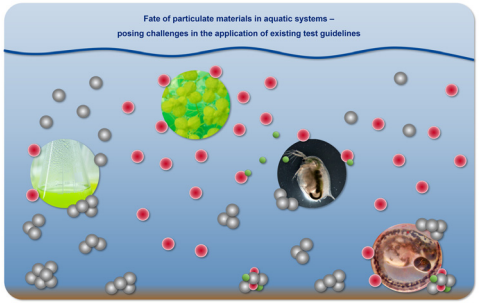
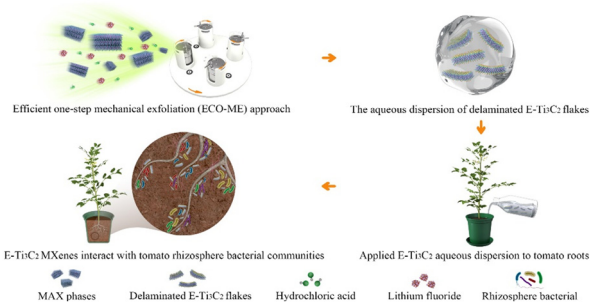


COMMUNICATION



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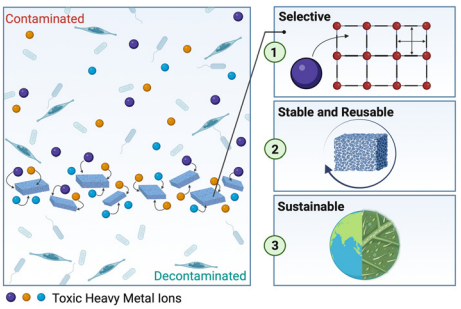

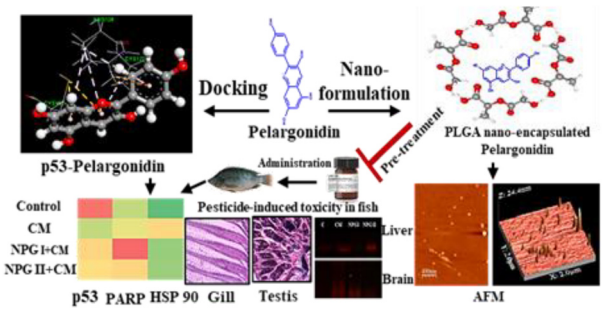

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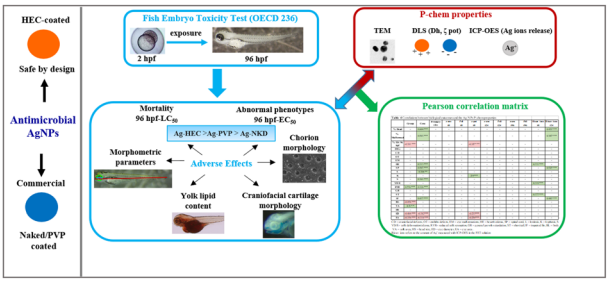

Functional silver-based nanomaterials affecting zebrafish development: the adverse outcomes in relation to the nanoparticle physical and chemical structure

Patrizia Bonfanti,* Anita Colombo, Rossella Bengalli, Maurizio Gualtieri, Ilaria Zanoni, Magda Blosi, Anna Costa and Paride Mantecca*

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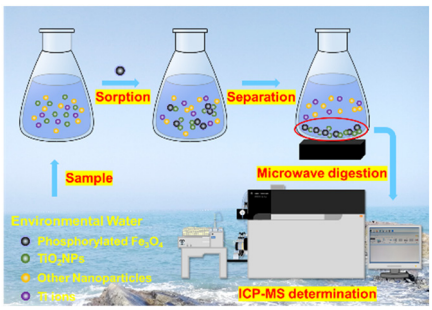

Highly selective capture and efficient concentration of trace titanium dioxide nanoparticles in environmental waters by phosphorylated ferroferric oxide

Ronggang Zheng, Sujuan Yu, Rui Yang, Peng Li, Qingcun Li, Li Li, Yuhang Chen, Yaqi Cai and Jingfu Liu*

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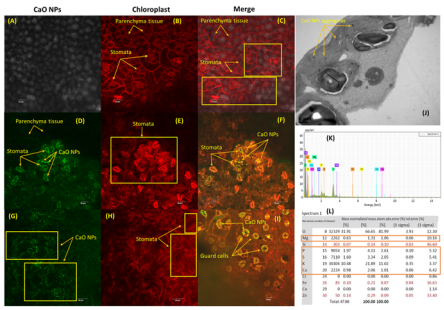

Unravelling mechanisms of CaO nanoparticle-induced drought tolerance in *Brassica napus*: an analysis of metabolite and nutrient profiling

Ahsan Ayyaz, Iram Batool, Kangni Zhang, Fakhir Hannan, Yongqi Sun, Tongjun Qin, Habib-ur-Rehman Athar, Zafar Ullah Zafar, Muhammad Ahsan Farooq* and Weijun Zhou*

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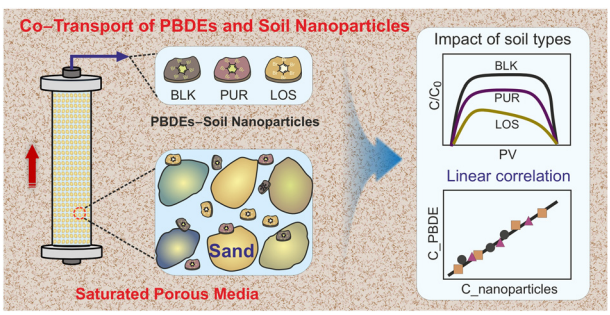

Co-transport of polybromodiphenyl ethers and soil nanoparticles in saturated porous media: implications for the risks of polybromodiphenyl ether spreading in groundwater

Jiameng Liu, Tianchi Cao,* Lin Duan, Shengkai Xu, Min Li, Tong Zhang* and Wei Chen*

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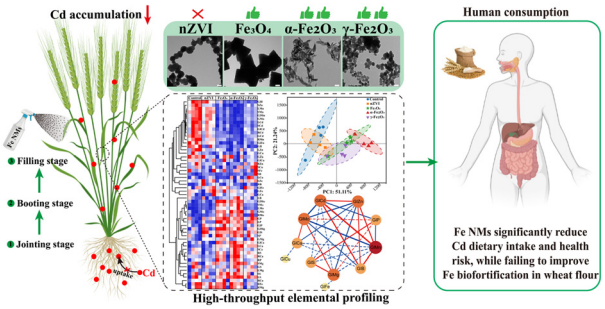

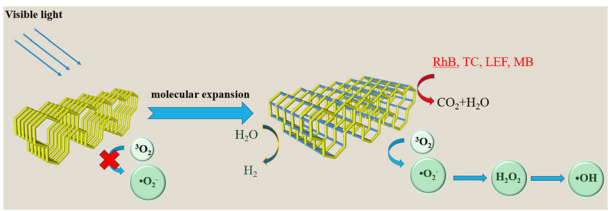

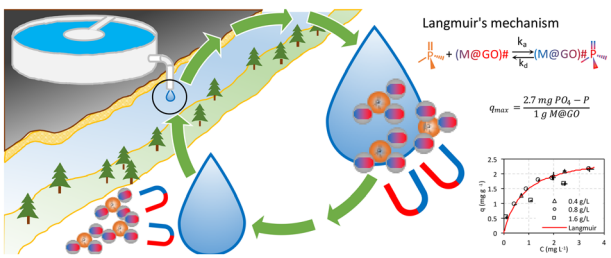

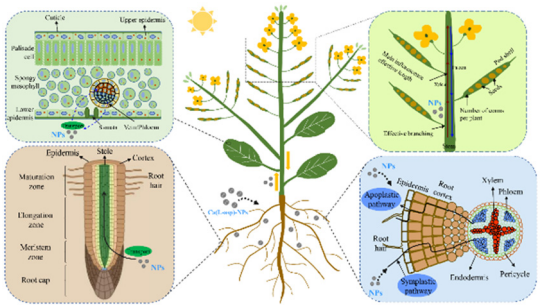

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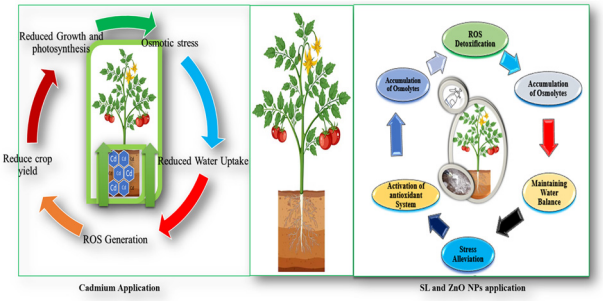

Alleviation of cadmium-induced oxidative damage through application of zinc oxide nanoparticles and strigolactones in *Solanum lycopersicum* L.

Vaseem Raja, Karanpal Singh, Sami Ullah Qadir, Jagpreet Singh* and Ki-Hyun Kim*

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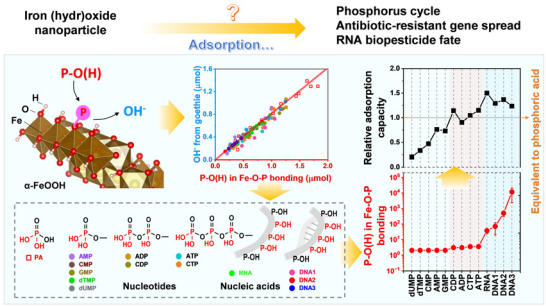

Adsorption of nucleotides and nucleic acids on goethite nanoparticles: mode, sites and relationship with phosphate and non-phosphate structures

Huajun Feng, Shanshan Ma, Zaiming Chen,* Yungui Li, Meizhen Wang and Yangcheng Ding

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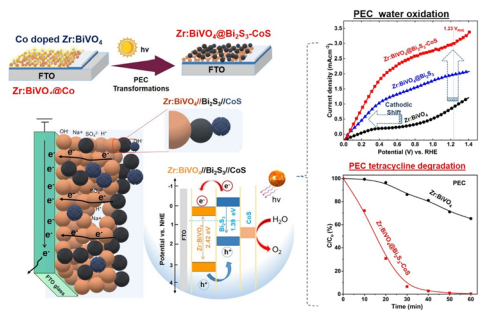

Cooperative catalytic behavior of CoS and Bi_2S_3 nanoparticles on Zr:$BiVO_4$ photoanodes for enhanced photoelectrochemical sulfite oxidation coupled with pharmaceutical pollution degradation

Prabhakarn Arunachalam,* Maged N. Shaddad, Mabrook S. Amer, Abdulaziz M. Alsalman and Jagannathan Madhavan

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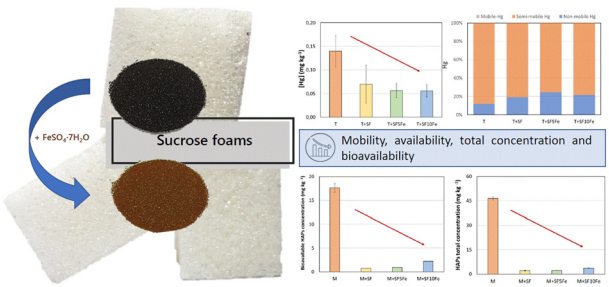

Bio-based carbon foams assembled with Fe nanoparticles for simultaneous remediation of As, Hg and PAHs in co-contaminated industrial soils

I. Janeiro-Tato, E. Rodríguez, M. A. Lopez-Anton,* D. Baragaño, L. Arrojo, P. Parra-Benito, A. I. Peláez and J. R. Gallego

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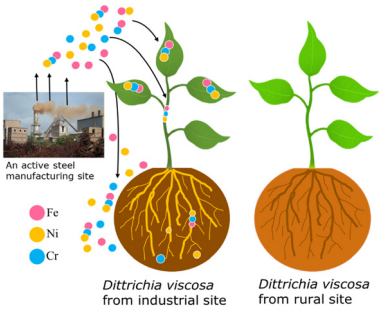

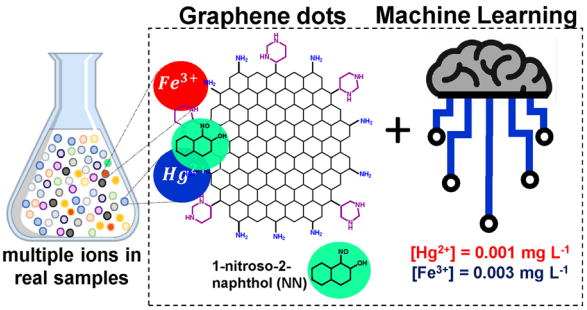

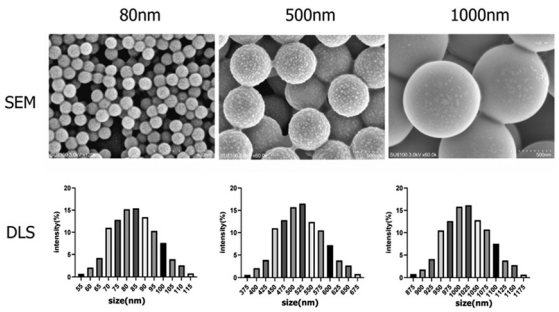

CORRECTION