

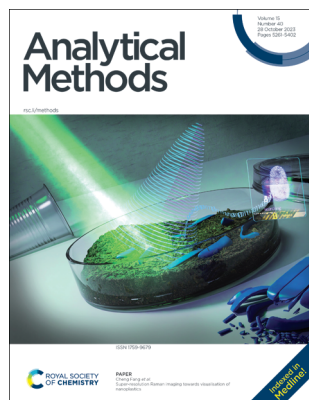
# Analytical Methods

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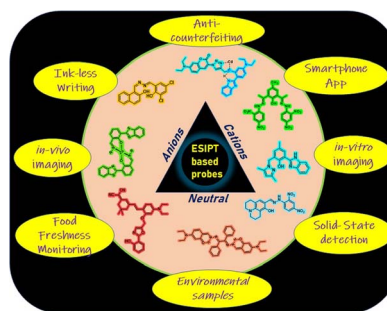
See Cheng Fang *et al.*, pp. 5300–5310. Image reproduced by permission of Cheng Fang from *Anal. Methods*, 2023, 15, 5300.

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### ESIPT-based probes for cations, anions and neutral species: recent progress, multidisciplinary applications and future perspectives

Nidhi Nehra and Rahul Kaushik\*

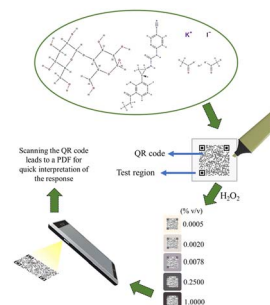


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### A QR code-integrated chromogenic paper strip for detection of hydrogen peroxide in aqueous samples

Pawankumar Rai, Suryansh Verma, Srishti Mehrotra and Sandeep K. Sharma\*



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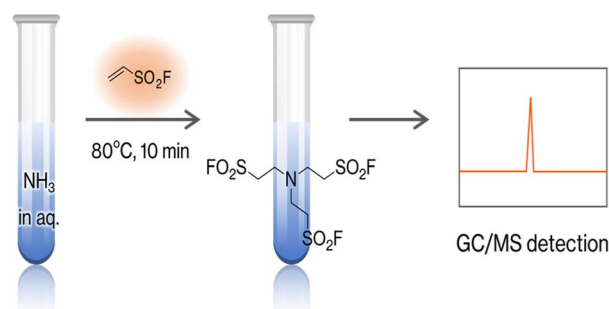


## COMMUNICATIONS

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### First GC/MS identification of aqueous ammonia: utilization of ethenesulfonyl fluoride as a selective and rapid derivatization reagent of ammonia in aqueous media

Ryosuke Shiraki,\* Kengo Wakigawa, Shin Ogawa, Akinaga Gohda, Takeshi Mori\* and Yoshiki Katayama\*

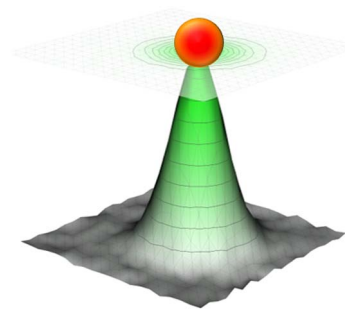


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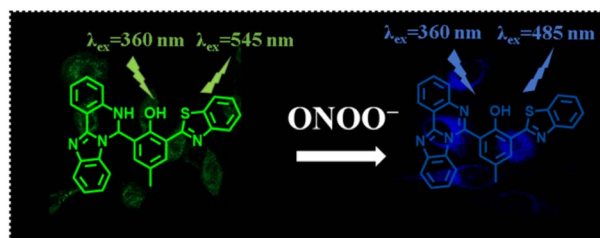
Cheng Fang,\* Yunlong Luo and Ravi Naidu



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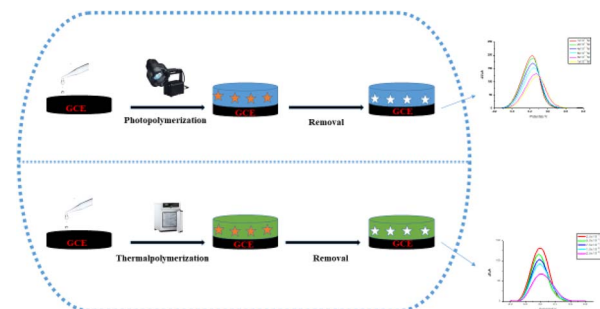
Jin-Long Yan, Shuang-Shuang Liu, Wei-Na Wu,\* Xiao-Lei Zhao, Yun-Chang Fan, Yuan Wang\* and Zhi-Hong Xu\*



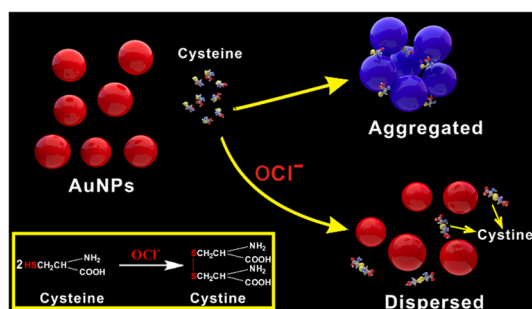
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Leyla Karadurmus,\* Fatma Budak, Ahmet Cetinkaya, Esen Bellur Atici and Sibel A. Ozkan\*



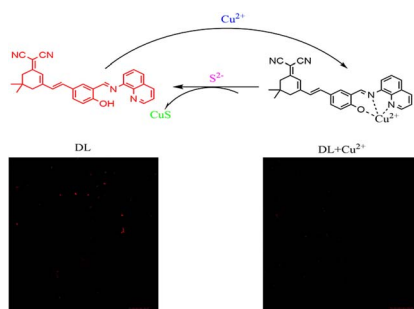
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Yingjie Ye, Qian Zhang, Yongxing Zhang,\* Yue Li, Fengxian Gao, Dong Ma and Shun Lu\*

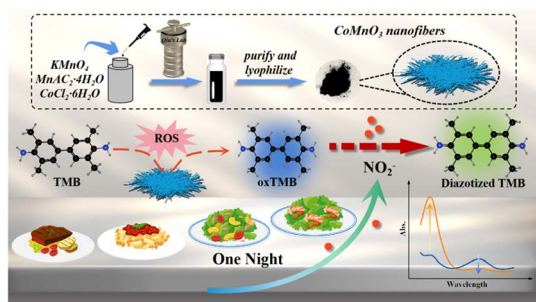
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### A novel "on-off-on" near-infrared fluorescent probe for $\text{Cu}^{2+}$ and $\text{S}^{2-}$ continuous detection based on dicyanoisoflurone derivatives, and its application in bacterial imaging

Yixuan Yao, Fudong Zeng, Liangqiang Wu, Shuo Xing, Qingbiao Yang\* and Yaoxian Li

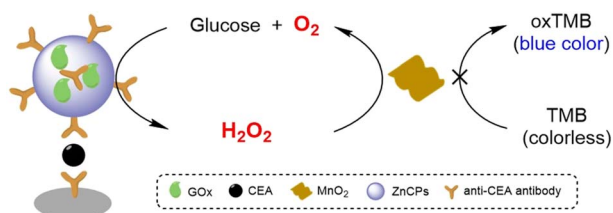
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### Ratiometric colorimetric detection of nitrite using $\text{CoMnO}_3$ nanofibers as an oxidase-like enzyme to induce diazotization reaction

Zoujun Peng, Ziwen Liao, Sipei Liu, Tao Lian, Peng Xu\* and Ping Qiu\*

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Yuanzhi Yao, Jinhong Wang, Ziqi Wang, Shenghua Li\* and Hongliang Tan\*

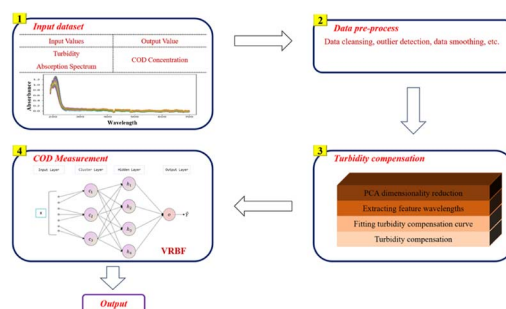


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# A COD measurement method with turbidity compensation based on a variable radial basis function neural network

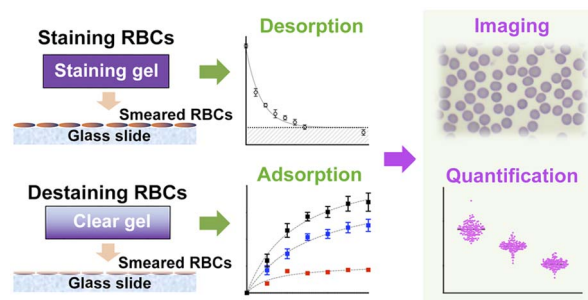
Renhao Fan, Senlin Wang\* and Hao Chen



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# Quantification of solution-free red blood cell staining by sorption kinetics of Romanowsky stains to agarose gels

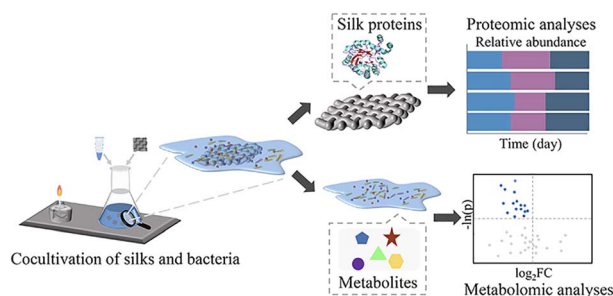
Chae Yun Bae,\* Hamid Esmaili, Syed A. Zamin, Min Jeong Seol, Eunmi Hwang, Suk Kyung Beak, Younghoon Song, Bhuvnesh Bharti and Jangwook P. Jung\*



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