



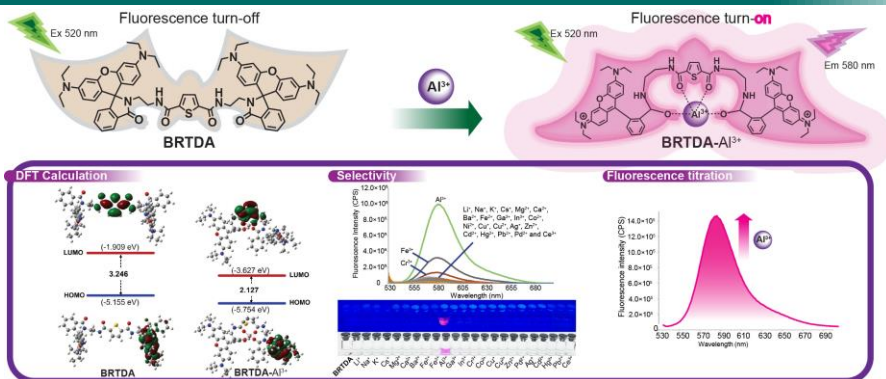
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Asst.Prof.Pailin Srisuratsiri  
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Education

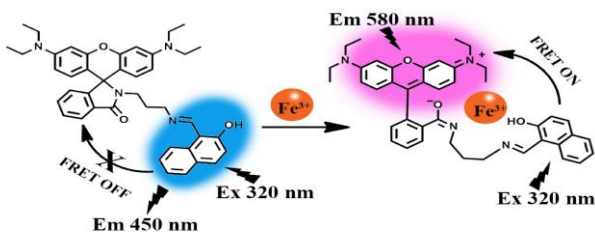
- PhD. (Organic Chemistry), มหาวิทยาลัยมหิดล, ไทย, 2558
- M.Sc. (Organic Chemistry), มหาวิทยาลัยมหิดล, ไทย, 2552
- B.Sc. (เคมี), มหาวิทยาลัยบูรพา, ไทย, 2548

Research

Molecular fluorescent sensors for metal ions

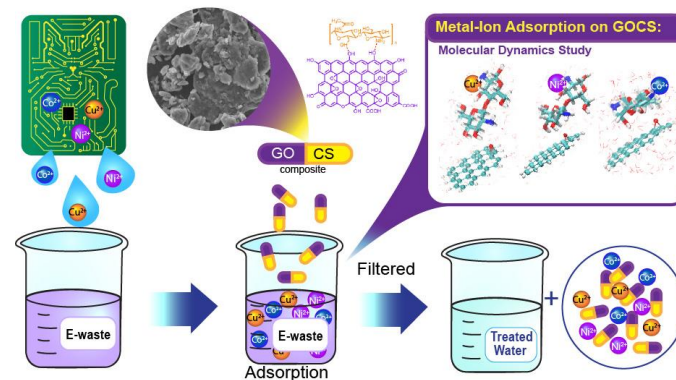


J. Mol. Struc., **2026**, 1349, 143681



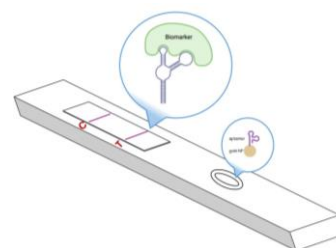
Spectrochim. Acta, A Mol Biomol Spectrosc. **2023**, 286, 122031

Graphene Oxide–Chitosan Composite for Green E-Wastewater Treatment

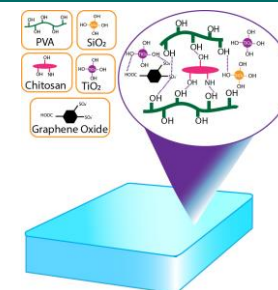


ACS Omega 2025, 10, 38, 44111–44124

Aptamer-based biosensors



Gel electrolytes for advanced batteries



Our group develops smart and sustainable chemical materials, including **GO–chitosan composites for green metal removal**, **gel electrolytes for advanced batteries**, **molecular fluorescent sensors for metal ions**, and **aptamer-based biosensors for rabies detection** — advancing Smart Materials for Disruptive Innovations toward energy, environment, and health applications.