

RESEARCH DIRECTION
OPTICAL SENSORS AND APPLICATIONS

Building, designing, and manufacturing optical sensors based on metallic nanomaterials and hybrid materials for detection and diagnosis at the molecular level for applications in health, medicine, biology, the environment, and food.

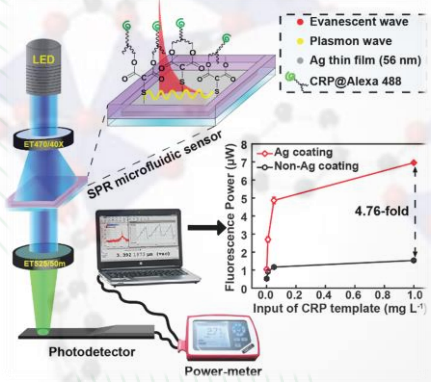
Research Team Leader:



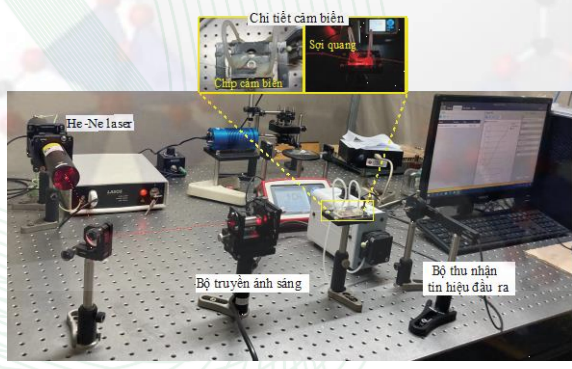
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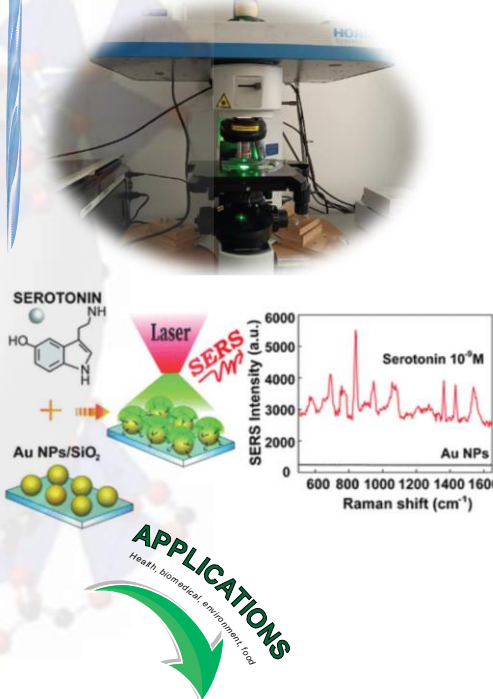
1. Fluorescence sensor



2. Optical fiber sensor



3. SERS sensor



APPLICATIONS
Health, biomedical, environment, food

Applications in the field of health and biomedicine

Applications in the field of environment and food

