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个人简历

研究方向

智能生物传感

分子诊断

招生信息

论文专著

1) Engineering DNA on the surface of upconversion nanoparticles for bioanalysis and therapeutics - Engineering DNA on the surface of upconversion nanoparticles for bioanalysis and therapeutics - 2021

2) Ultrasensitive photoelectrochemical biosensor based on novel Z‑Scheme heterojunctions of Zn-defective CdS/ZnS for MicroRNA assay - Ultrasensitive photoelectrochemical biosensor based on novel Z‑Scheme heterojunctions of Zn-defective CdS/ZnS for MicroRNA assay - 2021

3) Construction of a polarity-switchable photoelectrochemical biosensor for ultra-sensitive detection of miRNA-141 - Construction of a polarity-switchable photoelectrochemical biosensor for ultra-sensitive detection of miRNA-141 - 2021

4) Functional aptamer-embedded nanomaterials for diagnostics and therapeutics, - Functional aptamer-embedded nanomaterials for diagnostics and therapeutics, - 2021

5) A T-rich nucleic acid-enhanced electrochemical platform based on electroactive silver nanoclusters for miRNA detection - A T-rich nucleic acid-enhanced electrochemical platform based on electroactive silver nanoclusters for miRNA detection - 2022

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Research Directions:

Intelligent Biosensing

Molecular Diagnostics

Admissions Information: [Details not provided]

Publications and Monographs:

1) Engineering DNA on the surface of upconversion nanoparticles for bioanalysis and therapeutics - 2021

2) Ultrasensitive photoelectrochemical biosensor based on novel Z-Scheme heterojunctions of Zn-defective CdS/ZnS for MicroRNA assay - 2021

3) Construction of a polarity-switchable photoelectrochemical biosensor for ultra-sensitive detection of miRNA-141 - 2021

4) Functional aptamer-embedded nanomaterials for diagnostics and therapeutics - 2021

5) A T-rich nucleic acid-enhanced electrochemical platform based on electroactive silver nanoclusters for miRNA detection - 2022