Boron Nitride Nanosheets modified with Molybdenum disulfide Nanoflowers for the Electrochemical Detection of Azo dye–Sunset Yellow from Soft Drinks

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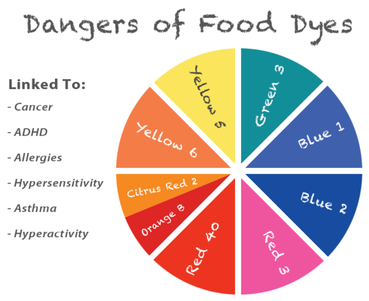
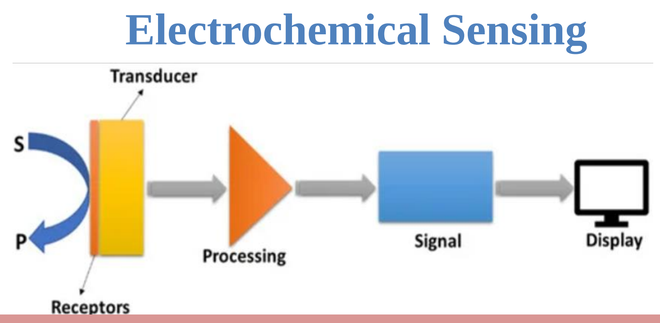
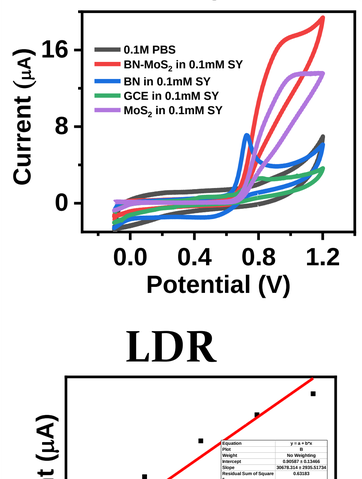
CP-84

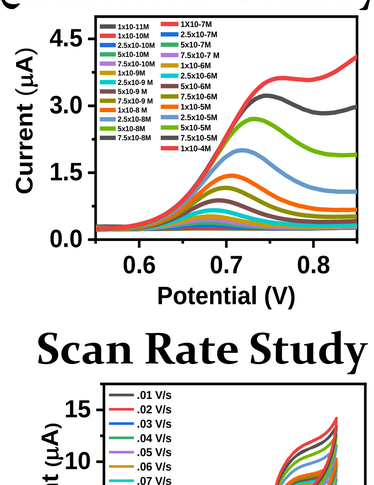
Introduction

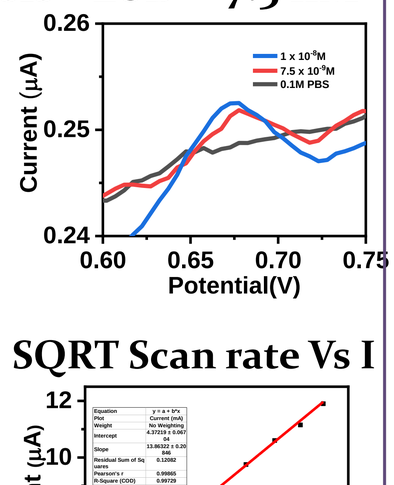


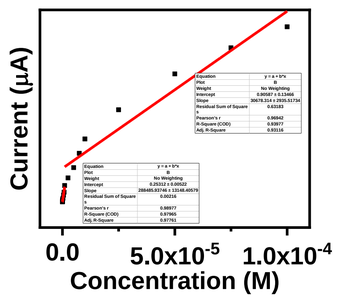


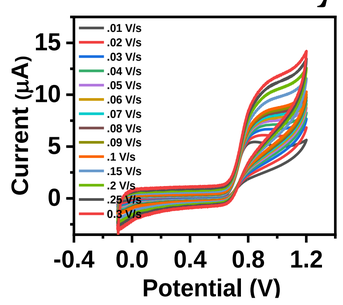
Electrochemical Sensing

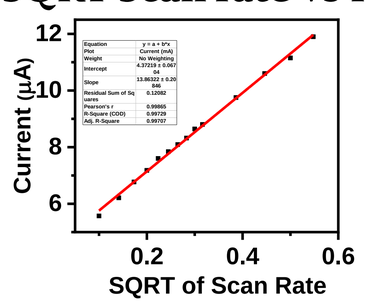


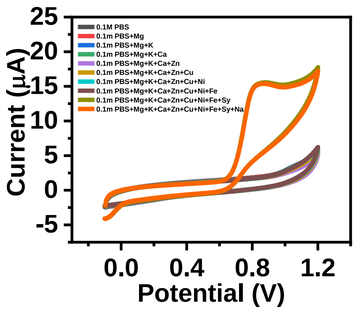


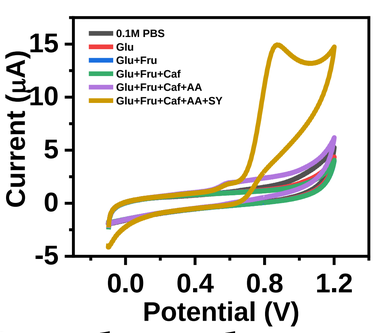


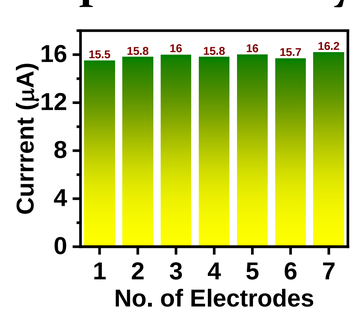


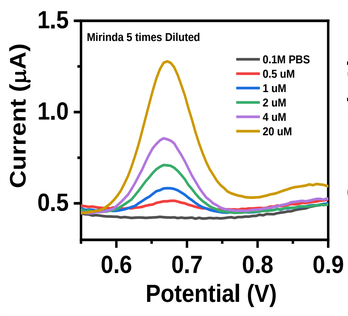


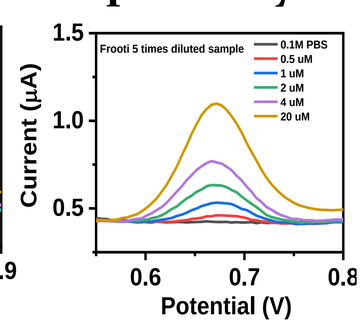


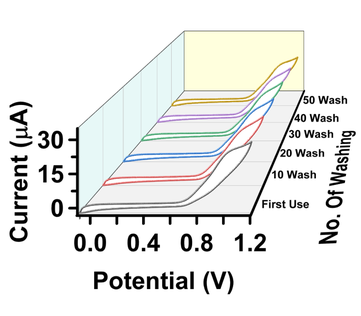


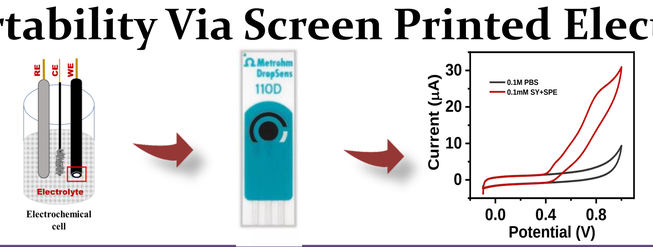




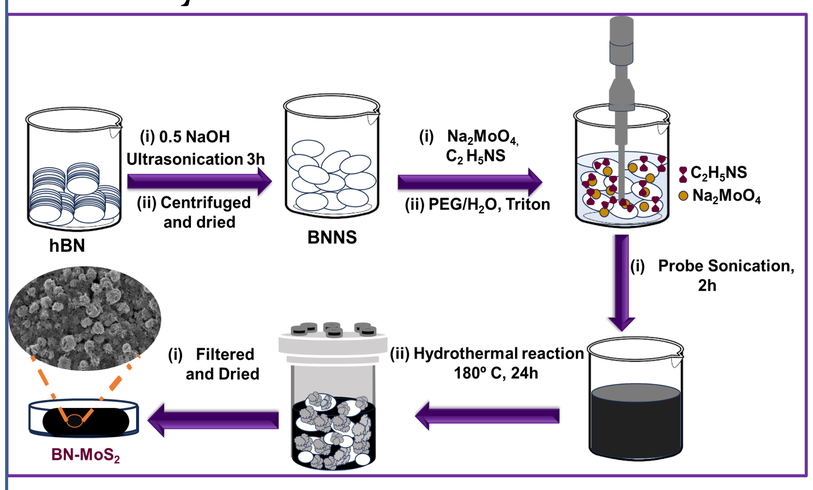


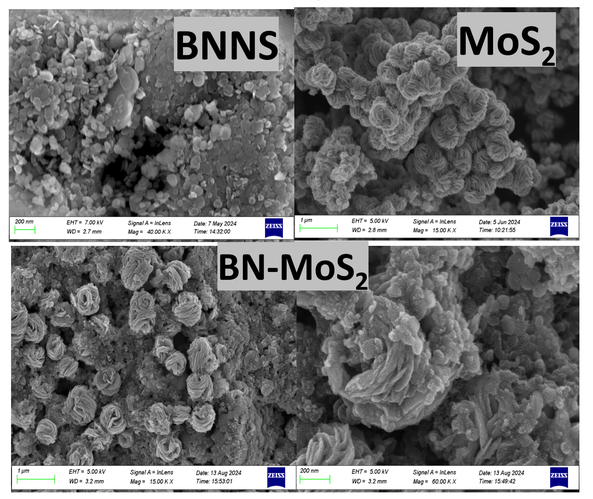


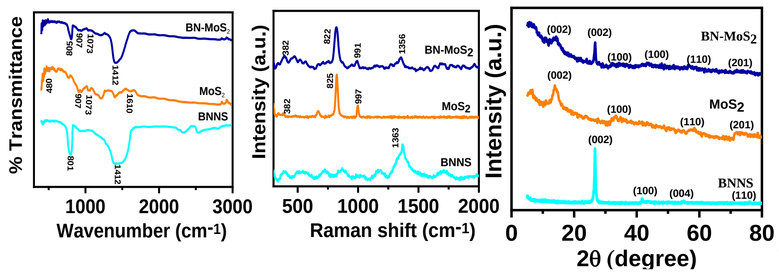


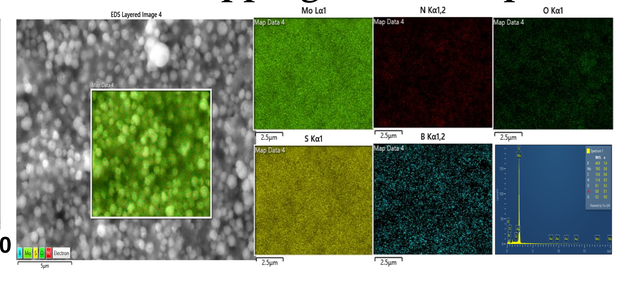


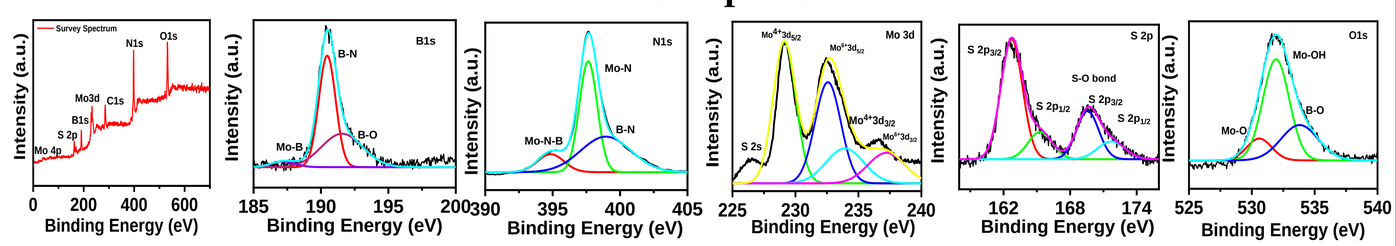
Synthesis and Characterization











Conclusion and Future Work

- A BN-MoS_2 composite was synthesized and confirmed by different Characterization techniques
- Its EC sensing towards Food Dye Sunset Yellow was studied
- Interference study, reusability, and reproducibility studies were done
- Portability Via SPEs is investigated
- Enhanced Sensing capability was shown by Screen printed electrode
- Future work includes further studies like LoD and real sample analysis using SPEs

References

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- Arya Nair J. S, Saisree. S Aswathy. R, Sandhya K Y, *Appl. Mater. Today,* 2020, 20, 100642
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