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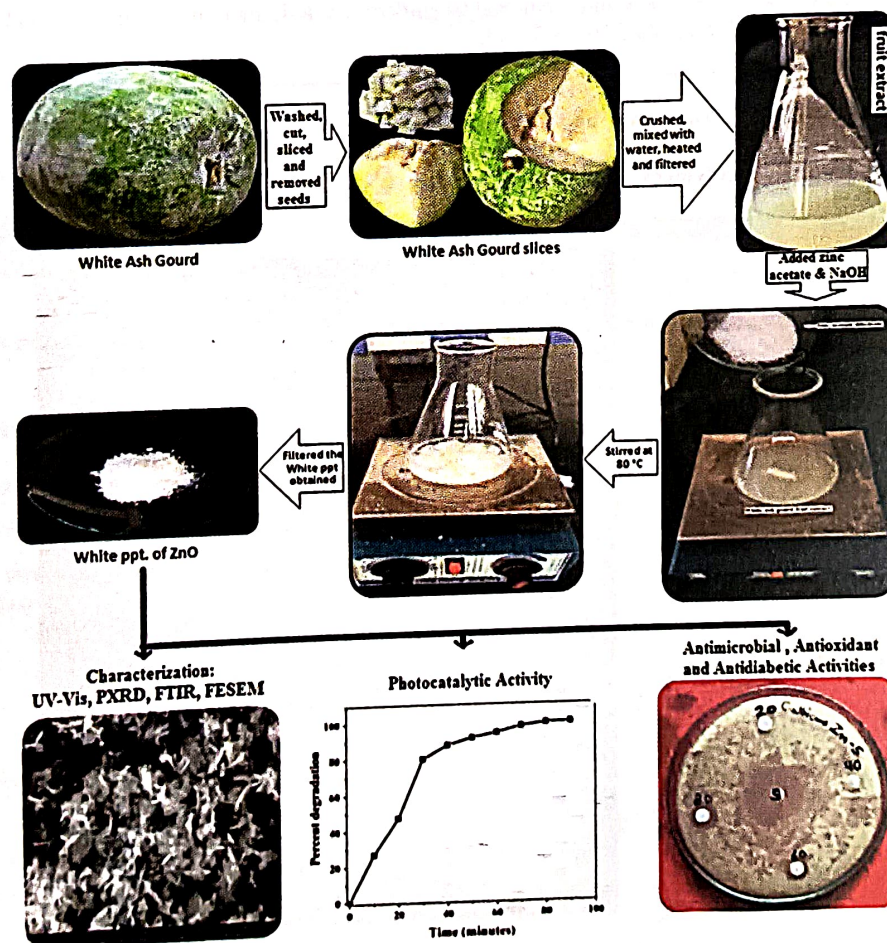
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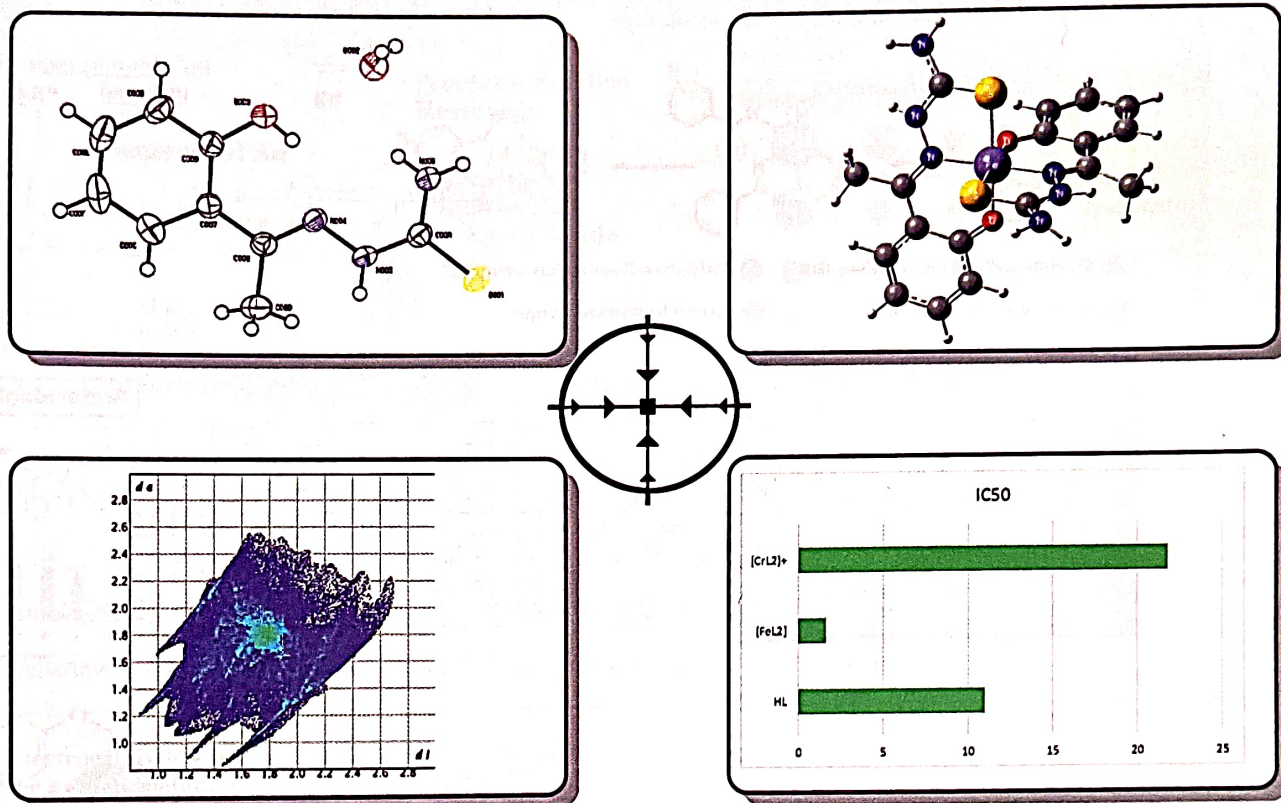
- 13 Energy-efficient synthesis of ZnO nanoparticles using white ash gourd fruit extract for their medicinal and environmental applications



Ravi Kant, Monika Chahar*, Anuj Mittal & Seema

Department of Chemistry, Baba Mastnath University, Asthal Bohar, Rohtak 124 021, Haryana, India

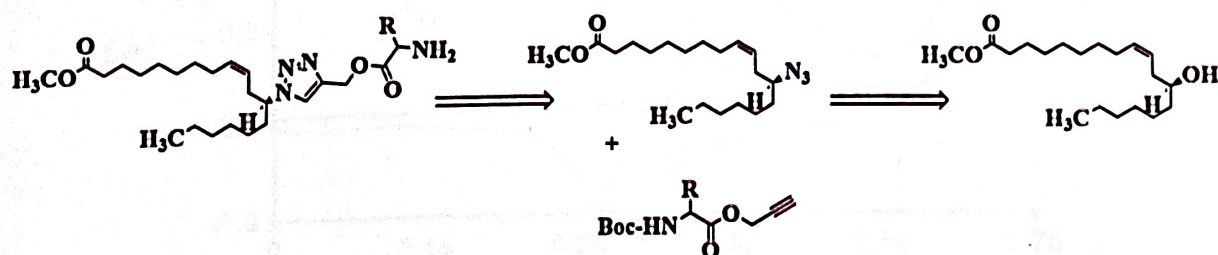
- 43 Synthesis, spectral characterization, DFT calculations and investigation of anticancer properties of carbothioamide and metal (Fe^{II} and Cr^{III}) complexes



Elif Güney, Koray Sayin* & Hayreddin Gezegen

Sivas Cumhuriyet University, Faculty of Science, Department of Chemistry 58140 Sivas, Türkiye

- 54 Synthesis of novel ricinoleic acid-based 1,2,3-triazoles and their anticancer activity

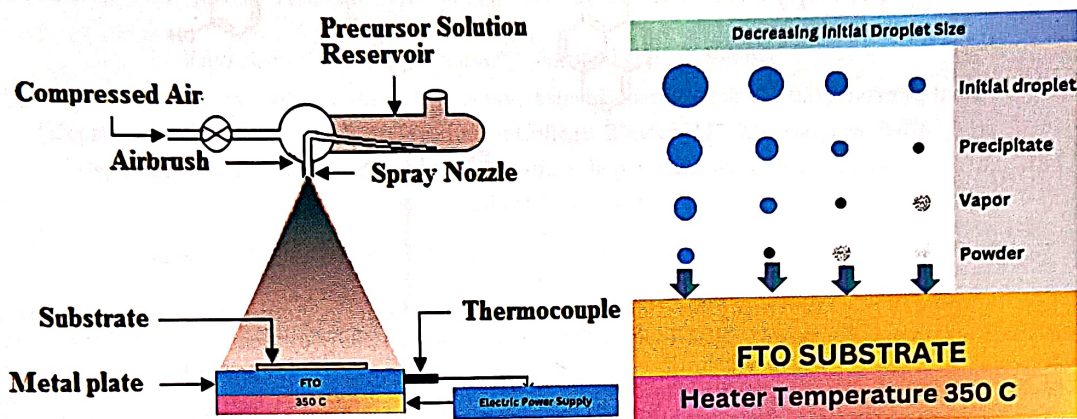


Y Mohini, K R Kunduru, Madiga HariKrishna, M S L Karuna*, Y Poornachandra, C Chandrasekhar & Podha Sudhakar

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85 Structural and optical properties of manganese-doped cobalt thin films prepared by spray pyrolysis

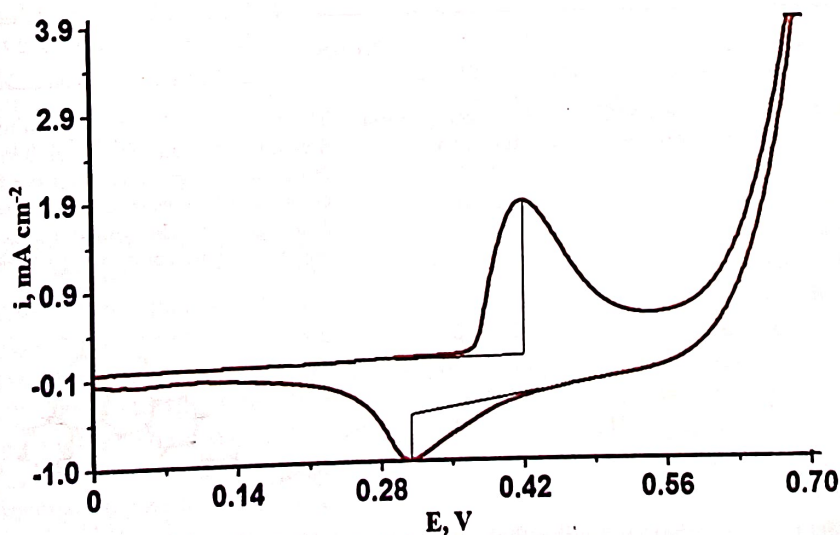
The deposition technique of this study is based on spray pyrolysis onto FTO-substrate surfaces to produce thin films. In this technique, the size of the initial droplet can easily be controlled, allowing for the adjustment of properties such as particle size and morphology of the film. This innovative approach could well promise the production of a wide variety of optoelectronic devices for material tailoring in application-specific functionalities.



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93 Electrocatalytic activity of LaCoO_3 on Ni-electrode for oxygen evolution reaction in 1M KOH at 25°C



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