

## **Synthesis, PXRD-structure and theoretical investigation of a novel functional material**

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## **Integration of solar thermal energy in greenhouse applications**

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## **Power Control Of Fuel Cell Connected To Power System**

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## **Improvement of power system stability by the fuel cell control**

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## **Effect of temperature on heat and mass transfer in a desalination system**

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## **Experimental study of photovoltaic greenhouse microclimate**

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## **Direct Torque Control (DTC) SVM Predictive of a PMSM Powered by a photovoltaic source**

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## **SYNTHESIS AND CHARACTERIZATION OF A THIAZOLE DERIVATIVE COMPOUND (Z)-3-N-(ETHYL)-2-N'-(3-METHOXYPHENYL IMINO) THIAZOLIDINE-4-ONE.**

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## **Structure and the molecular properties determination of the compound with chemical formula C<sub>20</sub>H<sub>14</sub>O<sub>3</sub>N<sub>3</sub>S by ab initio calculations.**

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## **Effect of Temperature during Solid-State Green Synthesis of Silver Nanoparticles using Curcumin for Catalytic Reduction Reaction**

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## **Tuning Curcumin Mediated Gold Nanoparticles/ Nanorods for Biomedical Applications**

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## **Optical Spectroscopy for Skin Cancer Detection**

**Ekaterina Borisova<sup>1</sup>, Petranka Troyanova<sup>2</sup>**

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## **Transmit Power Optimization in EH based Underlay Cognitive Radio Transmission**

**Muhammad Musab<sup>1</sup>, Zain Ali<sup>2</sup>, Muhammad Waqas<sup>3</sup>, and Guftaar Ahmad Sardar Sidhu<sup>4</sup>**

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## **Labor Induction by Extra-Amniotic Saline infusion after Previous Cesarean Section**

**Sajida Asghar, Saniya Naheed, and Dure shahwar**

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Ion Imprinted Polymer based Artificial Receptors for Highly Sensitive and Selective detection of Arsenic (v)  
Ions in Waste Water Environment  
Nazia Asghar, Maimoona Yasinzai, Ghulam Mustafa, Peter A. Lieberzeit,

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## **An Optimization Framework for Economical Operation of RE Integrated Micro-Grids**

**Guftaar Ahmad Sardar Sidhu and Naved Ahmed Khan**

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## **Modification of Microbial Community Caused by DC Voltage Application to Biological Treatment Technologies**

**Abdelmajeed Adam and Maria Elektorowicz**

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## **Complete Nutrient Removal Using a Novel Submerged Membrane Electro-Bioreactor (SMEBR) Operating at Low Temperature**

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