



## **Synthesis of Nanosized Titanium Oxide and Nitride Through Vacuum Arc Plasma Expansion Technique**

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## **Using Response Surface Methodology in Synthesis of Ultrafine Copper Nanoparticles by Electrolysis**

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*Muhammad A. Imam, Shaik Jeelani, Vijaya K. Rangari, Michelle G. Gome, Esperidiana. A. B. Moura*  
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*Natthan Charernsriwilaiwat, Theerasak Rojanarata, Tanasait Ngawhirunpat, Praneet Opanasopit*  
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*L. S. Reddy Yadav, Danith Kumar, C. Kavitha, H. Rajanaika, B. Daruka Prasad, H. Nagabhushana, G. Nagaraju*  
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**Modulation of Physical Properties of Sprayed ZnO Thin Films by Substrate Temperature for Optical Applications**

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**Aquatic Fern (*Azolla* Sp.) Assisted Synthesis of Gold Nanoparticles**

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**Quantum Capacitance of Nanoplates in Magnetic Field**

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**Inorganic–Organic Nanohybrid Materials of Layered Zinc Hydroxide Nitrate with Intercalated Salicylate: Preparation, Characterization and UV-Blocking Properties**

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