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## **ABSTRACT:**

### **Nano-engineered Materials for Wastewater Remediations**

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Nano-engineered materials have been used extensively for a variety of applications. Environmental pollution raised bigger concerns on the discharge of textile waste. Nanotechnology is fast growing on research and bringing sustainable solution in the minimization of the waste. The minimization of the risk of risk and health hazards with the development of industry, environmental pollution and energy shortages have raised awareness of a potential global crisis. Nano-engineered materials can be better solution in finding solution of environmental sustainability more specific to the textile waste remediation due to the large surface areas, diverse morphologies, abundant surface states, and easy device modeling. It is a challenge of great importance to identify and design nano-engineered materials that are efficient, stable, and abundant for the remediation of textile waste. The current talk will be focused on the recent advancement and applications of nano-engineered materials for wastewater remediation.

#### References:

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