

1. **Nanoparticles in Tobacco Smoke: Characterization with Single Particle ICP-MS**
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2. **Development of Low-Cost Silver Nanoparticle Syntheses for In-Country Manufacturing and Application on Ceramic Water Filters**
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3. **Chemical Transformations of Silver-Nanomaterial Containing Textiles After Use and Disposal**
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4. **Exposure to Engineered Nanomaterials, Seven Case Studies within the LabEX SERENADE Project: a Safer by Design Approach**
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5. **Study of Toxicity of Ceria Nanoparticles on an *In-Vitro* Alveolo-Capillary Barrier**
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6. **Detection of Titanium Released from Nano-TiO₂ Concrete Weathered in a Variety of U.S. Climates**
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7. **Quantification of Nanomaterial in Cells After Applying Emulated Consumer Spray Formulations in a Newly Developed Spray System Coupled to an Air-Liquid Interface**
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8. **Estimation of Nanomaterial Weight Fraction in Consumer Products Using Machine Learning Methods**
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9. **Thermal Decomposition/Incineration of Nano-Enabled Coatings and Effects of Nanofiller/Matrix Properties and Operational Conditions on Byproduct Release Dynamics: Potential Environmental Health Implications**
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10. **Quantifying Nanomaterials Release of Nanocomposites Following Natural Weathering**
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11. **Predicting Nanomaterials Toxicity using 3D Bioprinted Cell Cultures**
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12. **Microbial Transformation and Plant Uptake of Multi-Walled Carbon Nanotubes**
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13. Influence of Different Acids on the Transport of CdSe Quantum Dots from Polymer Nanocomposites to Food Simulants

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14. Polymer/Noble Metal Nanocomposites: A Model System to Assess Exposure to Nanotechnology-Enabled Food Packaging Materials

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15. *In Vitro* Intestinal Toxicity of Copper Nanoparticles in Rat and Human Cell Models

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16. Tiered Multiscale Modeling of Population Exposures Resulting from Nanotechnology-Based Products

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17. Detection and Quantification of Engineered Nanoparticles in Surface Waters Impacted by Sewage Spills in Columbia, South Carolina

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18. Electrochemical Detection and Characterization of Silver Nanoparticles Towards the Understanding of Nano-Silver Surface Chemistry

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19. Quantitative Evaluation of Nanomaterial Release from Multi-Walled Carbon Nanotubes Epoxy Composite after Weathering Treatment

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20. Fluorescent Cellulose Nanomaterials: Preparation, Characterization and Application

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